



®
ROCKGRAND



ROCKGRAND®

温州市荣格贸易有限公司

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温州大观电气有限公司

WENZHOU ROCKGRAND ELECTRIC CO.,LTD.

ADD:ZHEJIANG YONGJIA WUNIU DONGMENG
INDUSTRY AREA

TEL:0577-67300668 67300667 0577-67300666

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Industrial Products & Accessories



Portable Powerhouse Boards



New Industrial Products & Accessories



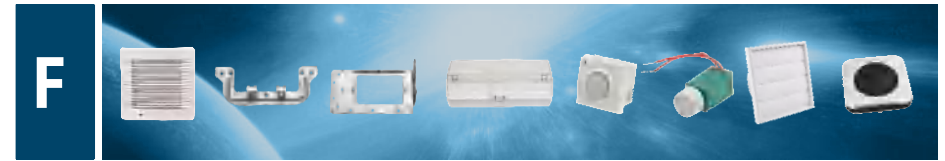
Circuit Protection Equipment



Cable Gland Accessories



Electrical Fan Metal Brackets & Sensor



Switch Boards & Accessories



Electrical Accessories



Tooling Moulds Series



Honor Certificate



> INTRODUCTION

For 20 years, we've focused on providing product variety and service versatility. Our catalog has expanded to include hundreds of electrical products, wall switches and connectors. Source from our range of simple but practical designs like the power-socket outlet featured here. Our 18,176m² factory contains a QC laboratory where 20 inspectors utilize computerized testing equipment to ensure the integrity of our products.

We have 35 R&D technicians who develop a new product every month—twice the rate of our competitors. Your OEM orders are welcome, and we can also design your custom packaging. Our port-side warehouse facilitates the low-cost procurement of raw materials and the economical transportation of your order. Contact us today.





温州大觀電氣有限公司
WENZHOUDAGUAN ELECTRICS CO.,LTD.



CB

**ISO9001:2000
ISO14000:2004
ISO18000:2001**



CE





A Series

Industrial Products & Accessories

INDUSTRIAL PLUGS



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 110-130V~
 No.poles: 2P+E
 Code: $\frac{RG-013-4}{RG-023-4}$
 Protection degree: IP44



Nominal current(A): $\frac{63A}{125A}$
 Nominal voltage(V): $\frac{220-380V\sim}{240-415V\sim}$
 No.poles: 3P+N+E
 Code: $\frac{RG-035}{RG-045}$
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P+E
 Code: $\frac{RG-013}{RG-023}$
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 110-130V~
 No.poles: 2P+E
 Code: $\frac{RG-013L-4}{RG-023L-4}$
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P+E
 Code: $\frac{RG-014}{RG-024}$
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P+E
 Code: $\frac{RG-013L}{RG-023L}$
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): $\frac{220-380V\sim}{240-415V\sim}$
 No.poles: 3P+N+E
 Code: $\frac{RG-015}{RG-025}$
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P+E
 Code: $\frac{RG-014L}{RG-024L}$
 Protection degree: IP44



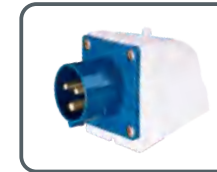
Nominal current(A): $\frac{63A}{125A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P+E
 Code: $\frac{RG-033}{RG-043}$
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): $\frac{220-380V\sim}{240-415V\sim}$
 No.poles: 3P+N+E
 Code: $\frac{RG-015L}{RG-025L}$
 Protection degree: IP44



Nominal current(A): $\frac{63A}{125A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P+E
 Code: $\frac{RG-034}{RG-044}$
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P+E
 Code: $\frac{RG-513}{RG-523}$
 Protection degree: IP44

INDUSTRIAL PLUGS



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P + E
 Code: RG-514
 RG-524
 Protection degree: IP44



Nominal current(A): $\frac{63A}{125A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P + E
 Code: RG-133
 RG-143
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P + N + E
 Code: RG-515
 RG-525
 Protection degree: IP44



Nominal current(A): $\frac{63A}{125A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P + E
 Code: RG-134
 RG-144
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 110-130V~
 No.poles: 2P + E
 Code: RG-113-4
 RG-123-4
 Protection degree: IP44



Nominal current(A): $\frac{63A}{125A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P + N + E
 Code: RG-135
 RG-145
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P + E
 Code: RG-113
 RG-123
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 110-130V~
 No.poles: 2P + E
 Code: RG-113C-4
 RG-123C-4
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P + E
 Code: RG-114
 RG-124
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P + E
 Code: RG-113C
 RG-123C
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P + N + E
 Code: RG-115
 RG-125
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P + E
 Code: RG-114C
 RG-124C
 Protection degree: IP44

INDUSTRIAL PLUGS



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P + N + E
 Code: RG-115C
 RG-125C
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P + E
 Code: RG-314
 RG-324
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P + E
 Code: RG-613
 RG-623
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P + N + E
 Code: RG-315
 RG-325
 Protection degree: IP44



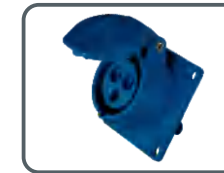
Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P + E
 Code: RG-614
 RG-624
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 110-130V~
 No.poles: 2P + E
 Code: RG-413-4
 RG-423-4
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P + N + E
 Code: RG-615
 RG-625
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P + E
 Code: RG-413
 RG-423
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 110-130V~
 No.poles: 2P + E
 Code: RG-313-4
 RG-323-4
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P + E
 Code: RG-414
 RG-424
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P + E
 Code: RG-313
 RG-323
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P + N + E
 Code: RG-415
 RG-425
 Protection degree: IP44

INDUSTRIAL PLUGS

 Nominal current(A): $\frac{63A}{125A}$ Nominal voltage(V): 220-240V~ No.poles:  Code: RG-433 RG-443 Protection degree: IP67	 Nominal current(A): $\frac{16A}{32A}$ Nominal voltage(V): 220-380V~ 240-415V~ No.poles:  Code: RG-215 RG-225 Protection degree: IP44
 Nominal current(A): $\frac{63A}{125A}$ Nominal voltage(V): 380-415V~ No.poles:  Code: RG-434 RG-444 Protection degree: IP67	 Nominal current(A): $\frac{63A}{125A}$ Nominal voltage(V): 220-240V~ No.poles:  Code: RG-233 RG-243 Protection degree: IP67
 Nominal current(A): $\frac{63A}{125A}$ Nominal voltage(V): 220-380V~ 240-415V~ No.poles:  Code: RG-435 RG-445 Protection degree: IP67	 Nominal current(A): $\frac{63A}{125A}$ Nominal voltage(V): 380-415V~ No.poles:  Code: RG-234 RG-244 Protection degree: IP67
 Nominal current(A): $\frac{16A}{32A}$ Nominal voltage(V): 110-130V No.poles:  Code: RG-213-4 RG-223-4 Protection degree: IP44	 Nominal current(A): $\frac{63A}{125A}$ Nominal voltage(V): 220-380V~ 240-415V~ No.poles:  Code: RG-235 RG-245 Protection degree: IP67
 Nominal current(A): $\frac{16A}{32A}$ Nominal voltage(V): 220-240V~ No.poles:  Code: RG-213 RG-223 Protection degree: IP44	 Nominal current(A): $\frac{16A}{32A}$ Nominal voltage(V): 110-130V~ No.poles:  Code: RG-213L-4 RG-223L-4 Protection degree: IP44
 Nominal current(A): $\frac{16A}{32A}$ Nominal voltage(V): 380-415V~ No.poles:  Code: RG-214 RG-224 Protection degree: IP44	 Nominal current(A): $\frac{16A}{32A}$ Nominal voltage(V): 220-240V~ No.poles:  Code: RG-213L RG-223L Protection degree: IP44

INDUSTRIAL PLUGS

 Nominal current(A): $\frac{16A}{32A}$ Nominal voltage(V): 380-415V~ No.poles:  Code: RG-214L RG-224L Protection degree: IP44	 Code: RG-1605 Input: 1 CEE Plug 16A 415V 3P+N+E Output: 3 Sockets 10A/16A 240V 2P+E 1CEE Sockets 16A 415V 3P+N+E Protection degree: IP44
 Nominal current(A): $\frac{16A}{32A}$ Nominal voltage(V): 220-380V~ 240-415V~ No.poles:  Code: RG-215L RG-225L Protection degree: IP44	 Code: RG-1605A Input: 1 CEE Plug 16A 415V 3P+N+E Output: 2 Sockets 16A 2P+E 1 Sockets 16A 220V-415V 3P+N+E Protection degree: IP44
 Code: RG-1213 Input: 1 Plug 10~16A 220V 2P+E Output: 1 Connector 16A 220V 2P+E	 Code: RG-1605B Input: 1 CEE Plug 220V-415V 3P+N+E Output: 2 Sockets 16A 240V 2P+E 1CEE Sockets 16A 415V 3P+N+E Protection degree: IP44
 Code: RG-1313 Input: 1 Plug with fuse 16A 250V 2P+E Output: 1 Connector 16A 220V 2P+E	 Nominal current(A): 16A Nominal voltage(V): 220-240V No.poles: 2P+E Code: RG-012 Protection degree: IP44
 Code: RG-1013-4 Input: 1 Plug 16A 110V 2P+E Output: 3 Sockets 16A 110V 2P+E Protection degree: IP44	 Nominal current(A): 16A Nominal voltage(V): 220-240V~ No.poles:  Code: RG-112S Protection degree: IP44
 Code: RG-1013 Input: 1 Plug 16A 220V 2P+E Output: 3 Sockets 16A 220V 2P+E Protection degree: IP44	 Nominal current(A): 16A Nominal voltage(V): 220-240V~ No.poles:  Code: RG-112R Protection degree: IP44
 Nominal current(A): $\frac{16A}{32A}$ Nominal voltage(V): 380-415V~ No.poles:  Code: RG-C414 RG-C424 Protection degree: IP44	 Nominal current(A): $\frac{16A}{32A}$ Nominal voltage(V): 220-380V~ 240-415V~ No.poles:  Code: RG-C415 RG-C425 Protection degree: IP44

INDUSTRIAL PLUGS



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 110-130V~
 No.poles: 2P+E
 Code: RG-0132-4
 RG-0232-4
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P+E
 Code: RG-0132
 RG-0232
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P+E
 Code: RG-0142
 RG-0242
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P+N+E
 Code: RG-0152
 RG-0252
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 110-130V
 No.poles: 2P+E
 Code: RG-1132-4
 RG-1232-4
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P+E
 Code: RG-1132
 RG-1232
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P+E
 Code: RG-1142
 RG-1242
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P+N+E
 Code: RG-1152
 RG-1252
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 110-130V~
 No.poles: 2P+E
 Code: RG-2132-4
 RG-2232-4
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P+E
 Code: RG-2132
 RG-2232
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P+E
 Code: RG-2142
 RG-2242
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P+N+E
 Code: RG-2152
 RG-2252
 Protection degree: IP67

INDUSTRIAL PLUGS



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 110-130V~
 No.poles: 2P+E
 Code: RG-P013-4
 RG-P023-4
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P+E
 Code: RG-P013
 RG-P023
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P+E
 Code: RG-P014
 RG-P024
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P+N+E
 Code: RG-P015
 RG-P025
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 110-130V~
 No.poles: 2P+E
 Code: RG-S113-4
 RG-S123-4
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P+E
 Code: RG-S113
 RG-S123
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P+E
 Code: RG-S114
 RG-S124
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P+N+E
 Code: RG-S115
 RG-S125
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 110-130V
 No.poles: 2P+E
 Code: RG-C213-4
 RG-C223-4
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P+E
 Code: RG-C213
 RG-C223
 Protection degree: IP44

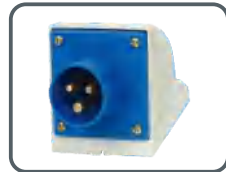


Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P+E
 Code: RG-C214
 RG-C224
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P+N+E
 Code: RG-C215
 RG-C225
 Protection degree: IP44

INDUSTRIAL PLUGS



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P + E
 Code: RG-P513
 RG-P523
 Protection degree: IP44



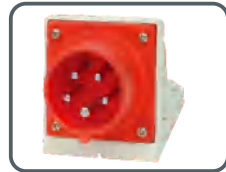
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 Nominal voltage(V): 110-130V~
 No.poles: 2P + E
 Code: RG-4132-4
 RG-4232-4
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P + E
 Code: RG-P514
 RG-P524
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P + E
 Code: RG-4132
 RG-4232
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P + N + E
 Code: RG-P515
 RG-P525
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P + E
 Code: RG-4142
 RG-4242
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P + E
 Code: RG-P613
 RG-P623
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P + N + E
 Code: RG-4152
 RG-4252
 Protection degree: IP67



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 380-415V~
 No.poles: 3P + E
 Code: RG-P614
 RG-P624
 Protection degree: IP44



Nominal current(A): 16A
 Nominal voltage(V): 220-240V~
 No.poles: 2P + E
 Code: RG-112D
 Protection degree: IP44



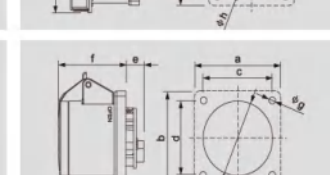
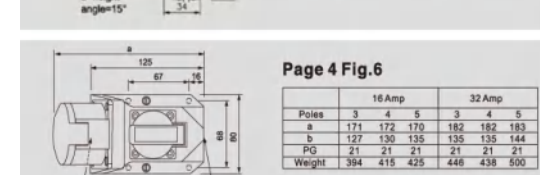
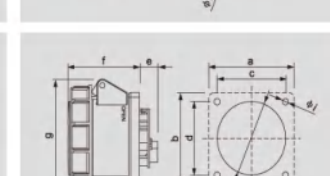
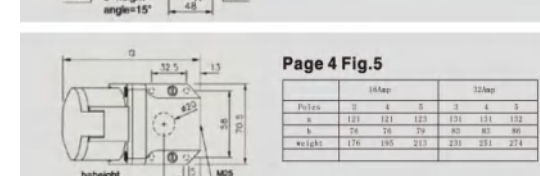
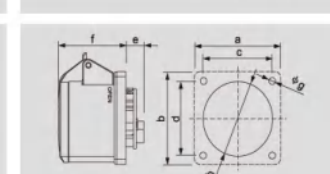
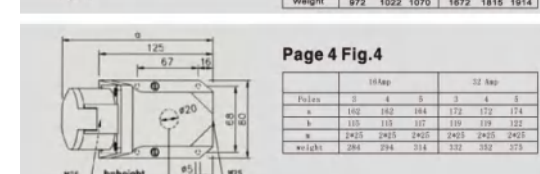
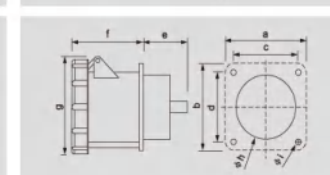
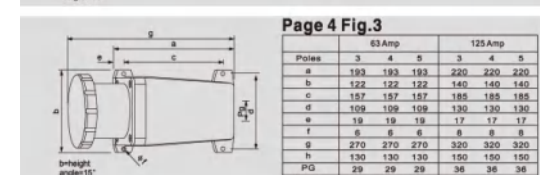
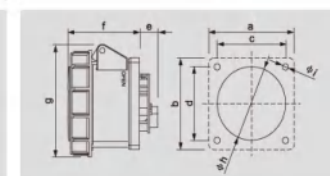
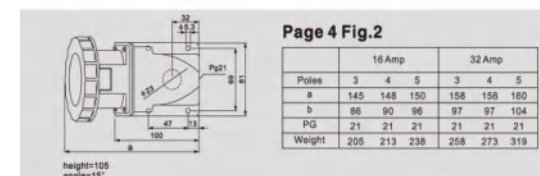
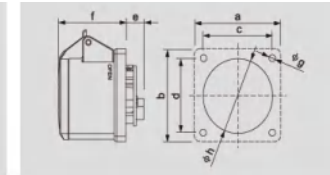
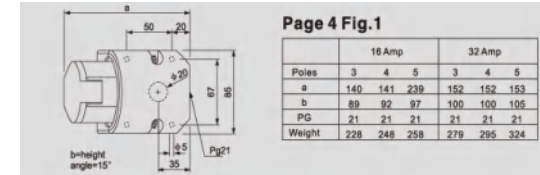
Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-380V~
 240-415V~
 No.poles: 3P + N + E
 Code: RG-P615
 RG-P625
 Protection degree: IP44



Nominal current(A): $\frac{16A}{32A}$
 Nominal voltage(V): 220-240V~
 No.poles: 2P + E
 Code: RG-S413
 RG-S423
 Protection degree: IP44

DRAWINGS AND DIMENSIONS

TO DIN VDE 0623, EN/IEC 60309-2
 Other voltages and frequencies available on request.





SINGLE PHASE PLUG-3 PIN FLAT

Description: Single phase 3 flat pin plug. IP66 rated. Available in 10, 13A & 15A.

Voltage: 250V

Code: 56P310/56P313/56P315



THREE PHASE 5 ROUND PIN STRAIGHT PLUG

Description: Three phase 5 round pin straight plug. IP66 rated. Available in 10, 20, 32, 40 & 50A.

Voltage: 500V

Code: 56P510/56P520/56P532/56P540/56P550



THREE PHASE 3 ROUND PIN STRAIGHT PLUG

Description: Three phase 3 round pin straight plug. IP66 rated. Available in 10, 20, 32A.

Voltage: 250V/500V

Code: 56P310R/56P320R/56P332



THREE PHASE 5 ROUND PIN STRAIGHT PLUG

Description: Three phase 5 round pin straight plug. IP66 rated. Available in 10, 20, 32, 40 & 50A.

Voltage: 500V

Code: 56P510/56P520/56P532/56P540/56P550



THREE PHASE 4 & 5 ROUND PIN STRAIGHT PLUG

Description: Three phase 4 round pin straight plug. IP66 rated. Available in 10, 20, 32, 40 & 50A.

Voltage: 500V

Code: 56P410/56P420/56P432/56P440/56P450



THREE PHASE 3 ROUND PIN ANGLED PLUGS

Description: Three phase 3 round pin angled plugs. IP66 rated. Available in 10, 20, 32A.

Voltage: 250V/500V

Code: 56PA310R/56PA320R/56PA332



56PA420



56PA440

THREE PHASE 4 ROUND PIN ANGLED PLUGS

Description: Three phase 4 round pin angled plugs. IP66 rated. Available in 10,20,32,40, & 50A.

Voltage:500V

Code:56PA410/56PA420/56PA432/56PA440/56PA450



56PA450



56PA510

THREE PHASE 4 & 5 ROUND PIN ANGLED PLUGS

Description: Three phase 4 & 5 round pin angled plugs. IP66 rated. Available in 10,20,32,40 & 50A.

Voltage:500V

Code:56PA510/56PA520/56PA532/56PA540/56PA550



56P216

SCHUKO PLUG

Description: Weatherproof schuko plug IP66

Voltage:250V

Available:10A,16A

Code: 56P216



56AI310

SINGLE PHASE PLUG-3 PIN FLAT

Description: Single phase 3 flat pin plug. IP66 rated. Available in 10A & 15A.

Voltage:250V

Code: 56AI310/56AI315



56AI410



56AI510

THREE PHASE 3 & 4 & 5 ROUND PIN STRAIGHT PLUG

Description: Three phase 3, 4 & 5 round pin straight plug. IP66 rated. Available in 10,20,32,40 & 50A.

Voltage:500V

Code: 56AI320/56AI332/56AI410/56AI420/56AI432/56AI440/56AI450/56AI510/56AI520/56AI532/56AI540/56AI550



56CSC332

THREE PHASE 3 ROUND PIN EXTENSION SOCKET

Description: Three phase 3 round pin cord extension socket. IP66 rated. Available in 10,20,32A.

3 pin voltage:250V/500V

Code: 56CSC310/56CSC320/56CSC332



56CSC440

THREE PHASE 4 ROUND PIN EXTENSION SOCKET

Description: Three phase 4 round pin cord extension socket. IP66 rated. Available in 10,20,32,40 & 50A.

Voltage:500V

Code: 56CSC410/56CSC420/56CSC432/56CSC440/56CSC450



THREE PHASE 4 ROUND PIN EXTENSION SOCKET

Description: Three phase 4 round pin cord extension socket. IP66 rated. Available in 10,20,32,40 & 50A.

Voltage:500V

Code: 56CSC410/56CSC420/56CSC432/56CSC440/56CSC450



THREE PHASE 5 ROUND PIN EXTENSION SOCKET

Description: Three phase 5 round pin cord extension socket. IP66 rated. Available in 10,20,32,40 & 50A.

Voltage:500V

Code: 56CSC510/56CSC520/56CSC532/56CSC540/56CSC550



SINGLE PHASE 3 FLAT PIN SOCKET

Description: Single phase 3 flat pin socket. IP66 rated. Available in standard grey or orange 10,13 & 15A.

Voltage:250V

Code:56S0310/56S313/56S0315



SCHUKO SOCKET

Description: Weatherproof schuko socket IP66

Voltage:250V

Available:10A,16A

Code: 56S0216



THREE PHASE 3 ROUND PIN SOCKET

Description: Three phase 3 round pin socket. IP66 rated. Available in standard grey 10,20,32A.

Voltage:250V/500V

Code: 56S0310R/56S0320R/56S0332



THREE PHASE 4 ROUND PIN SOCKET

Cription: Three phase 4 round pin socket. IP66 rated. Available in standard grey or orange 10,20,32,40 & 50A.

Voltage:500V

Code: 56S0410/56S0420/56S0432/56S0440/56S0450



THREE PHASE 5 ROUND PIN SOCKET

Description: Three phase 5 round pin socket. IP66 rated. Available in standard grey or orange 10,20,32,40 & 50A.

Voltage:500V

Code: 56S0510/56S0520/56S0532/56S0540/56S0550



THREE PHASE 3 ROUND PIN SOCKET

Description: Three phase 3 round pin socket. IP66 rated. Available in standard grey 10,20,32A.

Voltage:250V/500V

Code: 56S0320/56S0330



56CV313 56CV315

SINGLE PHASE 3 FLAT PIN COMBO SWITCH & SOCKET

Description: Single phase 3 flat pin, 240V 50HZ double pole switched socket. IP66 rated. Available in standard grey 10A, 13A & 15A

Voltage: 250V

Code: 56CV310/56CV313/56CV315



56CV320 56CV332

THREE PHASE 3 ROUND PIN COMBO SWITCH & SOCKET

Description: Three phase 3 round pin, 250V & 500V 50HZ switched socket IP66 rated. Available in standard grey or orange 10, 20, 32A.

Voltage: 250V/500V

Code: 56CV310R/56CV320R/56CV332



56CV510 56CV520

THREE PHASE 5 ROUND PIN COMBO SWITCH & SOCKET

Description: Three phase 5 round pin, 500V 50HZ switched socket IP66 rated. Available in standard grey or orange 10, 20, 32, 40A & 50A.

Voltage: 500V

Code: 56CV510/56CV520/56CV532/56CV540/56CV550



56SW332

THREE PHASE SQUARE SWITCH

Description: Three phase 3 square switch. IP66 rated. Available in standard grey or orange 10 & 20A. 3phase switch is also available in 32, 40, 50 & 63A

Voltage: 500V

Code: 56SW210/56SW220/56SW310/56SW320/56SW332/56SW340/56SW350/56SW363



56CV420 56CV432

THREE PHASE 4 ROUND PIN COMBO SWITCH & SOCKET

Description: Three phase 4 round pin, 500V 50HZ switched socket IP66 rated. Available in standard grey or orange 10, 20, 32, 40A & 50A.

Voltage: 500V

Code: 56CV410/56CV420/56CV432/56CV440/56CV450



56L2 56L1

ONE & TWO MODULE ENCLOSURE COVER

Description: One & two module enclosure cover. IP66 rated. Available in resistive orange and resistive

Code: 56L1/56L2/56L3/56L4



ONE & TWO MODULE ENCLOSURE COVER

Description: One & two module enclosure cover. Ip66 rated. Available in standard grey and resistive orange.

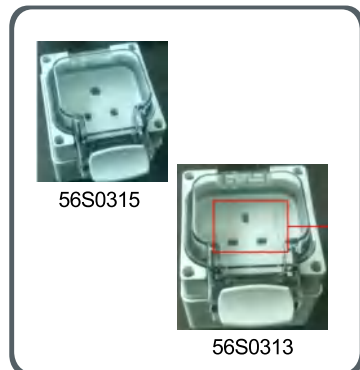
Code: 56E1/56E2/56E3/56E4/56E6/56E8/56E9/56ES1/56ES2



ONE & TWO MODULE ENCLOSURE COVER

Description: One & two module enclosure cover. Ip66 rated. Available in standard grey and resistive orange.

Code: 56CB4N/56CB8N



WEATHERPROOF SOCKET OUTLET IP66

Voltage: 250V

Code: 56SOW310 10A Socket
56SOW313 13A BS Socket
56SOW315 15A BS Socket
56SOW316 16A 2P+E Schuko Socket
56SOW3210 10A 2P Multi-Socket



WEATHERPROOF SWITCH(HEAVY DUTY TYPE)

Voltage: 220~250V

Code: RGHD-1G 10A Switch
RGHD-1G 20A Switch
RGHD-2G 10A Switch



WEATHERPROOF SWITCH(HEAVY DUTY TYPE)

Description: Bell Push Switch

Current: 10Amp Max

Voltage: 220~250V



WEATHERPROOF SOCKET(HEAVY DUTY TYPE)

Description: 13A Single Socket with Switch
13A Double Socket with Switch

Current: 13Amp Max

Voltage: 220~250V



56SW320C/0

THREE RHASE SQUARE CHANGEOVER SWITCH

Description: Three phase 3 pole 20A & 32A square changeover or forward reverse switch. IP66 rated. Available in standard grey and resistive orange.

Code: 56SW320C/0



56SW332C/0

THREE RHASE SQUARE CHANGEOVER SWITCH

Description: Three phase 3 pole 20A & 32A square changeover or forward reverse switch. IP66 rated. Available in standard grey and resistive orange.

Code: 56SW332C/0



56SW363C/0

THREE RHASE SQUARE CHANGEOVER SWITCH

Description: Three phase 3 pole 40A & 63A square changeover or forward reverse switch. IP66 rated. Available in standard grey and resistive orange.

Code: 56SW340/0, 56SW363C/0

SKSE, KSEE ALUMINIUM ALLOY ENCLOSURE SWITCHES



Enclosure:

Cable entries:

Lockable:
Degree of protection
Negree of protection
Auxiliary contacts
Coloure
Enclosure:
Handle:

Aluinum aiioy

Metric-threaded holes with membrane gland/sealing Pluge(IP54)included, see page 24.
When IP65 degree of protection is requieres compression glands must be used. See page 28.
sealing plugs(IP54) are included, see page 17.

Yes
IP 65
Included
Not included

Gery
Black

List no	Type	Poles	Le AAC 22A 400/500/690V	Cable entries M	Terminals mm2	Weight kg/each	Pack qty
990 133 35	SKSE 325M/TPN	3	25 25 16	2/25 2/25+1/16	4	0.55	10
990 133 36	SKSE 340M/TPN	3	40 32 32	2/25 2/25+1/16	10	0.60	10
990 131 23	SKSE 440M/TPSN	3	40 32 32	2/25 2/25+1/16	10	0.60	10
990 130 221)	SKSE 363M/TPN	3	63 63 63	2/32-1/16 1/32	16	1.25	1
990 130 231)	SKSE 380M/TPN	3	80 80 80	2/32-1/16 1/32	35	1.30	1
990 132 231)	KSEE 3100M/TPN	3	100 100 100	2/32-1/16 1/32	70	1.50	1
990 133 41	BW 225M/DP	2	25 25	2+2/20	4	0.55	10
990 133 42	BW 240M/DP	2	40 40	2+2/25	10	0.60	10

-Lid interlocking included switches 63-100A.

SKSE, KSEE ALUMINIUM ALLOY ENCLOSURE SWITCHES



Enclosure:

Aluminum alloy

Cable entries:

Metric-threaded holes with membrane gland/sealing Plug(IP54)included, see page 24.
When IP65 degree of protection is requires compression glands must be used. See page 28.
sealing plugs(IP54) are included, see page 17.

Lockable:

Yes

Degree of protection

IP 65

Negree of protection

Included

Auxiliary contacts

Not included

Coloure

Enclosure:

Gery

Handle:

Black

List no	Type	Poles	Le AAC 22A 400/500/690V	Cable entries M	Terminals mm ²	Weight kg/each	Pack qty
990 133 35	SKSE 325M/TPN	3	25 25 16	2/25 2/25+1/16	4	0.55	10
990 133 36	SKSE 340M/TPN	3	40 32 32	2/25 2/25+1/16	10	0.60	10
990 131 23	SKSE 440M/TPSN	3	40 32 32	2/25 2/25+1/16	10	0.60	10
990 130 221)	SKSE 363M/TPN	3	63 63 63	2/32-1/16 1/32	16	1.25	1
990 130 231)	SKSE 380M/TPN	3	80 80 80	2/32-1/16 1/32	35	1.30	1
990 132 231)	KSEE 3100M/TPN	3	100 100 100	2/32-1/16 1/32	70	1.50	1
990 133 41	BW 225M/DP	2	25 25	2+2/20	4	0.55	10
990 133 42	BW 240M/DP	2	40 40	2+2/25	10	0.60	10

-Lid interlocking included switches 63-100A.



PLUGS

Description: Watertight and dustproof,with control signal pin. IP67 rated.

Voltage:400V

Mode	Available (A)	Pole No.
DG75201	200	4
DG75206	200	5
DG75001	250	4
DG75091	250	5
DG75006	400	4
DG75096	400	5



SOCKET

Description: Watertight and dustproof,with control signal pin. IP67 rated.

Voltage:400V

Mode	Available (A)	Pole No.
DG75241	200	4
DG75246	200	5
DG75041	250	4
DG75131	250	5
DG75046	400	4
DG75136	400	5



COUPLER

Description: Watertight and dustproof,with control signal pin. IP67 rated.

Voltage:400V

Mode	Available (A)	Pole No.
DG75211	200	4
DG75216	200	5
DG75011	250	4
DG75101	250	5
DG75016	400	4
DG75106	400	5



WALL MOUNTED RECEPTACLE

Description: Flange fixed, bottom incoming, watertight and dustproof. Signal control cable can be led in from the top or shell respectively if it is necessary.IP67 rated.

Voltage:400V

Mode	Available (A)	Pole No.
DG75251A	200	4
DG75256A	200	5
DG75172A	250	4
DG75173A	250	5
DG75389A	400	4
DG75398A	400	5



WALL MOUNTED RECEPTACLE

Description: Flange fixed, bottom incoming, watertight and dustproof. Signal control cable can be led in from the top or shell respectively if it is necessary.IP67 rated.

Voltage:400V

Mode	Available (A)	Pole No.
DG75221A	200	4
DG75226A	200	5
DG75021A	250	4
DG75111A	250	5
DG75026A	400	4
DG75116A	400	5



WALL MOUNTED RECEPTACLE

Description: Bracket fixed, bottom incoming, with cable buckle. Signal control cable can be led in from the top or shell respectively if it is necessary.IP67 rated.

Voltage:400V

Mode	Available (A)	Pole No.
DG75251B	200	4
DG75256B	200	5
DG75172B	250	4
DG75173B	250	5
DG75389B	400	4
DG75398B	400	5



SURFACE MOUNTED PLUG

Description: Bracket fixed, bottom incoming, with cable buckle. Signal control cable can be led in from the top or shell respectively if it is necessary.IP67 rated.

Voltage:400V

Mode	Available (A)	Pole No.
DG75221B	200	4
DG75226B	200	5
DG75021B	250	4
DG75111B	250	5
DG75026B	400	4
DG75116B	400	5

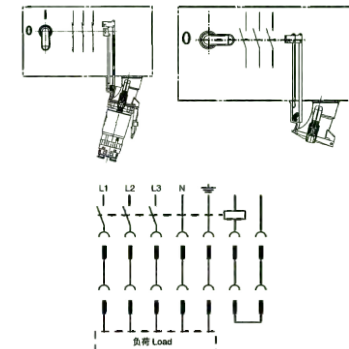


SURFACE MOUNTED OUTLET BOX

Description: With switch and mechanical interlock, with incoming ducts at the top and bottom for cables up to and including 65mm,please specify this in the order
Stainless steel shell that is coated with color RAL 1021 .IP67 rated.

Voltage:400V

Mode	Available (A)	Pole No.
DG75231	200	4
DG75236	200	5
DG75031	250	4
DG75121	250	5
DG75036	400	4
DG75126	400	5





10A 250V
A



15A 500V
M



10A 250V
A



15A 250V
B



32A 500V
N



15A 250V
B



10A 250V
C



40A 500V
O



10A 250V
C



10A 250V
D



50A 500V
P



10A 250V
D



15A 32V
E



10A 500V
Q



15A 32V
E



20A 250V
F



20A 500V
R



20A 250V
F



15A 500V
M



32A 500V
N



40A 500V
O



50A 500V
P



10A 500V
Q



20A 500V
R



10A 250V
G



32A 500V
S



10A 250V
G



20A 250V
H



40A 500V
T



20A 250V
H



32A 250V
I



50A 500V
U



32A 250V
I



10A 110V
J



10A 500V
V



10A 110V
J



10A 500V
K



10A 500V
W



10A 500V
K



20A 500V
L



20A 500V
X



20A 500V
L



32A 500V
S



40A 500V
T



50A 500V
U



10A 500V
V



10A 500V
W



20A 500V
X



B Series | Portable Powerhouse Boards

PORTABLE POWERHOUSE BOARDS

Side: A

1x5P 32A IP66 Socket Switch and RCBO(MCBS)
1x5P 32A IP67 Socket and RCBO(MCBS)

Code: SB01 A

SB01 A

PORTABLE POWERHOUSE BOARDS

Side: B

6x3P 15A Socket and RCBO

Code: SB01 B

SB01 B

PORTABLE POWERHOUSE BOARDS

Side: C

1x5P 32A Waterproof Switch
1x5P 32A Waterproof Socket and MCBS(RCBO)

Code: SB01 C

SB01 C

PORTABLE POWERHOUSE BOARDS

Side: D

2x3P 15A Waterproof Socket and RCBO
1x5P 20A Waterproof Socket and Switch
1x5P 32A Waterproof Socket and Switch and MCBS

Code: SB01 D

SB01 D

Size: 400x400x460mm (h, w, d)



MB01 A

PORTABLE POWERHOUSE BOARDS

Side: A

1xIEC5P 63A IP67 plug and MCB(RCBO)
1xIEC5P 63A IP67 socket and MCB(RCBO)

Code: MB01 A



MB01 B

PORTABLE POWERHOUSE BOARDS

Side: B

4x3P 15A IP66 Socket and RCBO
1x5P 32A IP66 Socket and witch and RCBO

Code: MB01 B



MB01 C

PORTABLE POWERHOUSE BOARDS

Side: C

2x5P 20A IP66 Socket and Waterproof Switch and MCBS(RCBO)
1x5P 32A IP66 Socket and Waterproof Switch

Code: MB01 C



MB01 D

PORTABLE POWERHOUSE BOARDS

Side: D

6x3P 15A Waterproof Socket and MCBS(RCBO)

Code: MB01 D

Size: 400x400x570mm (h, w, d)



AB01 A

PORTABLE POWERHOUSE BOARDS

Side: A

ONE 5P32A IP44 SOCKET W/ RCD
ONE 5P32A IP44 PLUG W/ RCD

Code: AB01 A



AB01 B

PORTABLE POWERHOUSE BOARDS

Side: B

SIX 3P16A IP44 SOCKETS W/ RCBO

Code: AB02 B



AB01 C

PORTABLE POWERHOUSE BOARDS

Side: C

THREE 5P32A IP44 SOCKETS W/ RCD

Code: AB03 C



AB01 D

PORTABLE POWERHOUSE BOARDS

Side: D

THREE 5P32A IP44 SOCKETS W/ RCD

Code: AB04 D

Size: 400x400x460mm (h, w, d)



BB01 A

PORTABLE POWERHOUSE BOARDS

Side: A

ONE 5P32A IP67 SOCKET W/ RCD
ONE 5P32A IP67 PLUG W/ RCD
Code: BB01 A



BB01 B

PORTABLE POWERHOUSE BOARDS

Side: B

SIX 3P16A IP67
SOCKETS W/ RCBO
Code: BB02 B



BB01 C

PORTABLE POWERHOUSE BOARDS

Side: C

THREE 5P32A IP67
SOCKETS W/ RCD
Code: BB03 C



BB01 D

PORTABLE POWERHOUSE BOARDS

Side: D

SIX 3P16A IP67
SOCKETS W/ RCBO
Code: BB04 D

Size: 400x400x460mm (h, w, d)



CB01 A

PORTABLE POWERHOUSE BOARDS

Side: A

ONE 5P63A IP67 SOCKET W/ RCD
ONE 5P63A IP67 PLUG W/ RCD
Code: CB01 A



CB01 B

PORTABLE POWERHOUSE BOARDS

Side: B

THREE 3P16A IP67
SOCKETS W/ RCBO
Code: CB02 B



CB01 C

PORTABLE POWERHOUSE BOARDS

Side: C

THREE 5P32A IP67
SOCKETS, IP66
SWITCHES W/ RCD
Code: CB03 C



CB01 D

PORTABLE POWERHOUSE BOARDS

Side: D

SIX 3P16A IP67
SOCKETS W/ RCBO
Code: CB04 D

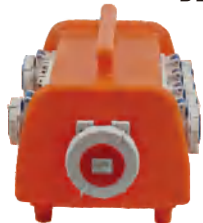
Size: 400x400x570mm (h, w, d)



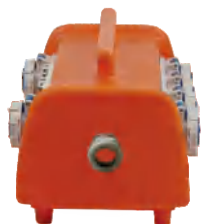
DB01 A



DB01 B



DB01 C



DB01 D

PORTABLE POWERHOUSE BOARDS

Side: A

TWO 3P16A IP67
SOCKETS W/ RCBO

Code: DB01 A

PORTABLE POWERHOUSE BOARDS

Side: B

FOUR 3P16A IP67
SOCKETS W/ RCBO

Code: DB02 B

PORTABLE POWERHOUSE BOARDS

Side: C

ONE 5P32A IP67
PLUG W/ RCD

Code: DB03 C

PORTABLE POWERHOUSE BOARDS

Side: D

ONE 2M 5x2.5SQ
UARE WIRE

Code: DB04 D

Size: 350x280x260mm (h, w, d)



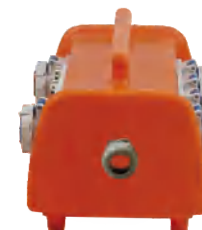
EB01 A



EB01 B



EB01 C



EB01 D

PORTABLE POWERHOUSE BOARDS

Side: A

TWO 3P16A Ip44
SOCKETS W/ RCBO

Code: EB01 A

PORTABLE POWERHOUSE BOARDS

Side: B

FOUR 3P16A Ip44
SOCKETS W/ RCBO

Code: EB02 B

PORTABLE POWERHOUSE BOARDS

Side: C

ONE 5P32A Ip44
PLUG W/ RCD

Code: EB03 C

PORTABLE POWERHOUSE BOARDS

Side: D

ONE 2M 5x2.5SQ
UARE WIRE

Code: EB04 D

Size: 350x280x260mm (h, w, d)



NB01 A



NB01 B



NB01 C

PORTABLE POWERHOUSE BOARDS

Side: A

3x3P 10 or 15A Waterproof Socket and RCBO

Size: 380x250x260mm (h, w, d)

Code: NB01 A

PORTABLE POWERHOUSE BOARDS

Side: B

3x3P 10 or 15A Waterproof Socket and RCBO

Size: 380x250x260mm (h, w, d)

Code: NB01 B

PORTABLE POWERHOUSE BOARDS

Side: C

1x1.8M Wire and 3P 15A Waterproof Plug
1x2P 20A 30mA RCBO

Size: 380x250x260mm (h, w, d)

Code: NB01 C

Size: 380x250x260mm (h, w, d)

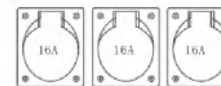
SOLID-RUBBER DISTRIBUTION BOXES-WALL MOUNTING



RG9440010

**4 sockets(DIN 49440) 16A 250V
without fuse**

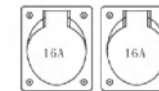
2m cable 3G2,5with rubber-plug 16A 250V



RG9440070

3CEE-socket 16A 5p 400V without fuse

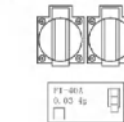
2m cable 5G2,5 with
CEE-plug 16A 5p 400V



RG9440065

**2 Sockets(DIN 49440) 16A 250V 1RCD-40/4/0,
03A-all outlets**

2m cable 5G2,5with
CEE-plug 16A 5p 400V

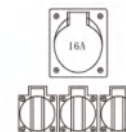


RG9440050

**1 CEE-socket 16A 5p 400V
3 sockets(DIN 49440) 16A 250V**

Without fuse

2m cable 5G2,5with
CEE-plug 16A 5p 400V

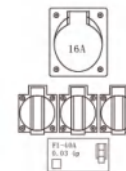


RG9440051

**1 CEE-socket 16A 5p 400V
3 sockets(DIN 49440) 16A 250V**

1RCD-40/4/0,03A-all outlets

2m cable 5G2,5 with
CEE-plug 16A 5p 400V

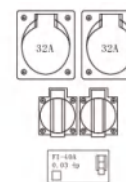


RG9440075

**2 CEE-socket 16A 5p 400V
2 sockets(DIN 49440) 16A 250V**

2MCBs 16A 1p
1RCD-40/4/0,03A-all outlets

2m cable 5G4,with
CEE-plug 32A 5p 400V





BG01

PORTABLE POWERHOUSE BOARDS

2x5P 32A Waterproof Socket and Waterproof Switch
1x5P 20A Waterproof Socket and Waterproof Switch
2x3P 15A Waterproof Socket

Size: 350x170x530mm (h, w, d)

Code: BG01



BG04

PORTABLE POWERHOUSE BOARDS

3x10 or 15A Wall switch socket
1x1.8m wire and 3P 15A Waterproof plug RCBO

Size: 150x100x530mm (h, w, d)



BG02

PORTABLE POWERHOUSE BOARDS

2x3P15A Waterproof Socket
1x5P32A Waterproof Socket and Switch
1x1.8M Wire and 5P 32A Waterproof Plug

Size: 290x150x400mm (h, w, d)

Code: BG02



BG05

PORTABLE POWERHOUSE BOARDS

SIX 2P16A IP44 SOCKETS
W/ RCBO

CODE: BG05

Size: 350x170x530mm (h, w, d)



BG03

PORTABLE POWERHOUSE BOARDS

6x3P15A Waterproof Socket
2x3P 16A CEE Waterproof Socket

Size: 290x160x530mm (h, w, d)

Code: BG03



BG06

PORTABLE POWERHOUSE BOARDS

THREE 2P16A IP44 SOCKETS
W/ RCBO
TWO 3P16A IP44 SOCKETS
W/ RCBO
THREE 5P32A IP44 SOCKETS
W/ RCD

CODE: BG06

Size: 290x160x400mm (h, w, d)

6A-32A(CEE) COMBINATIONAL SOCKET



Catalogue Number: 56SV 432CEE
 Rated Operational Voltage U_e (-50Hz)/Voits:
 Rated Thetmal Current Enclosed Amps:32
 Number of Socket Pins(Including Earth): 4
 Socket Contigutation: 
 Earth Position: 6H
 Frequency Colour:Red
 Cable Cross Section
 Solid or Stranded mm²: Min:2.5
 Max:10
 IP rating: IP67



56CB
 UKBI/32
 532CEE 
 Frenquncy: (50Hz/60Hz)
 Voits: 220-380V
 240-415V
 IP:66



56CB
 UKBI/32A
 532CEE  416CEE 
 432CEE  332CEE 
 Frenquncy: (50Hz/60Hz)
 Voits: 220-380V
 240-415V IP:66



56CBx3
 UKBI/32Ax3
 56SO432x3 
 Frenquncy: (50Hz/60Hz)
 Voits: 220-380V
 240-415V
 IP:66

6A-32A(CEE) COMBINATIONAL SOCKET



56CBx4
 UKBIx4
 532CEE  416CEE 
 432CEE  332CEE 
 Frenquncy: (50Hz/60Hz)
 Voits: 220-380V
 240-415V
 IP:66



56CBx3
 UKBI/32Ax3
 56SO313x3 
 Frenquncy: (50Hz/60Hz)
 Voits: 220-380V
 240-415V
 IP:66



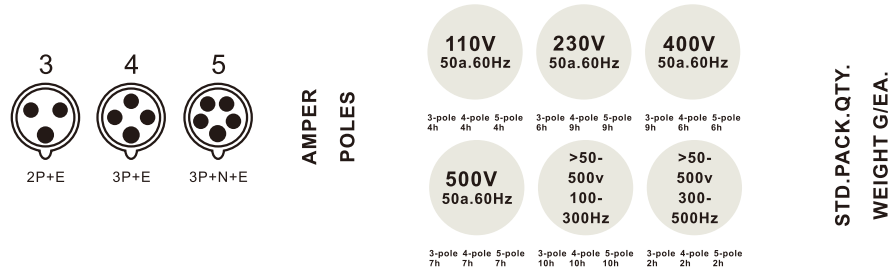
56SWx3
 UKBI/32x3
 532CEEEx3 
 432CEEEx3 
 Frenquncy: (50Hz/60Hz)
 Voits: 220-380V
 240-415V
 IP:66



56CBx4
 UKBI/32Ax4
 56SO315x4 
 Frenquncy: (50Hz/60Hz)
 Voits: 220-380V
 240-415V
 IP:66

TO DIN VDE 0623,EN/IEC 60309-2

Other voltages and frequencies available on request



▲ IP44 Switched interlocked socket-panel mounting Dimension:page 15

16	3	RG6013-4	RG6013-6	RG6013-9	RG6013-7	1	463
16	4	RG6014-4	RG6014-9	RG6014-6	RG6014-7	1	524
16	5	RG6015-4	RG6015-9	RG6015-6	RG6015-7	1	562
32	3	RG6023-4	RG6023-6	RG6023-9	RG6023-7	1	521
32	4	RG6024-4	RG6024-9	RG6024-6	RG6024-7	1	579
32	5	RG6025-4	RG6025-9	RG6025-6	RG6025-7	1	621

▲ IP67 Switched interlocked socket-panel mounting Dimension:page 15

16	3	RG60132-4	RG60132-6	RG60132-9	RG60132-7	1	463
16	4	RG60142-4	RG60142-9	RG60142-6	RG60142-7	1	524
16	5	RG60152-4	RG60152-9	RG60152-6	RG60152-7	1	562
32	3	RG60232-4	RG60232-6	RG60232-9	RG60232-7	1	521
32	4	RG60242-4	RG60242-9	RG60242-6	RG60242-7	1	579
32	5	RG60252-4	RG60252-9	RG60252-6	RG60252-7	1	621

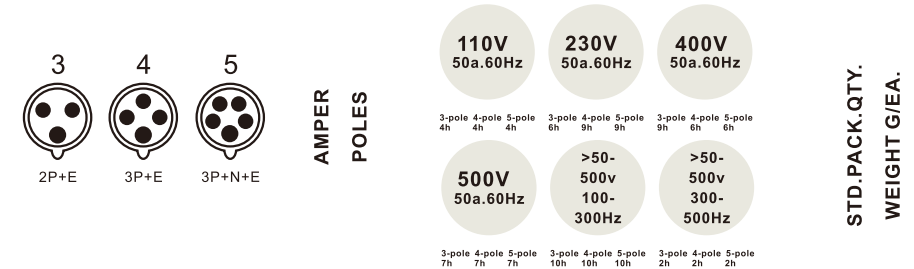
▲ IP44 Switched interlocked socket-wall mounting Dimension:page 15

16	3	RG6113-4	RG6113-6	RG6113-9	RG6113-7	1	596
16	4	RG6114-4	RG6114-9	RG6114-6	RG6114-7	1	657
16	5	RG6115-4	RG6115-9	RG6115-6	RG6115-7	1	695
32	3	RG6123-4	RG6123-6	RG6123-9	RG6123-7	1	654
32	4	RG6124-4	RG6124-9	RG6124-6	RG6124-7	1	712
32	5	RG6125-4	RG6125-9	RG6125-6	RG6125-7	1	754

▲ IP67 Switched interlocked socket-wall mounting Dimension:page 15

TO DIN VDE 0623,EN/IEC 60309-2

Other voltages and frequencies available on request



▲ IP67 Switched interlocked socket-wall mounting Dimension:page 15

16	3	RG61132-4	RG61132-6	RG61132-9	RG61132-7	1	596
16	4	RG61142-4	RG61142-9	RG61142-6	RG61142-7	1	657
16	5	RG61152-4	RG61152-9	RG61152-6	RG61152-7	1	695
32	3	RG61232-4	RG61232-6	RG61232-9	RG61232-7	1	654
32	4	RG61242-4	RG61242-9	RG61242-6	RG61242-7	1	712
32	5	RG61252-4	RG61252-9	RG61252-6	RG61252-7	1	754

▲ IP44 Switched interlocked socket-wall mounting Dimension:page 15

16	3	RG9513-4	RG9513-6	RG9513-9	RG9513-7	1	994
16	4	RG9514-4	RG9514-9	RG9514-6	RG9514-7	1	1000
16	5	RG9515-4	RG9515-9	RG9515-6	RG9515-7	1	1026
32	3	RG9523-4	RG9523-6	RG9523-9	RG9523-7	1	1100
32	4	RG9524-4	RG9524-9	RG9524-6	RG9524-7	1	1144
32	5	RG9525-4	RG9525-9	RG9525-6	RG9525-7	1	1200

▲ IP67 Switched interlocked socket-wall mounting Dimension:page 15

16	3	RG95132-4	RG95132-6	RG95132-9	RG95132-7	1	1010
16	4	RG95142-4	RG95142-9	RG95142-6	RG95142-7	1	1032
16	5	RG95152-4	RG95152-9	RG95152-6	RG95152-7	1	1064
32	3	RG95232-4	RG95232-6	RG95232-9	RG95232-7	1	1150
32	4	RG95242-4	RG95242-9	RG95242-6	RG95242-7	1	1180
32	5	RG95252-4	RG95252-9	RG95252-6	RG95252-7	1	1230

SOLID-RUBBER DISTRIBUTION BOXES-WALL MOUNTING

Series RG9440

Portable, handy Thermoplastic insulated distribution box
Dimension: WxHxD=445x85x110
Available with and without fuse
Ready wired for connection
IP44 splash proof or IP67 Watertight

Standard Version:
Enclosure with carrying handle
CEE-socket. Socket(DIN 49440) made of HA6, independently exchangeable MCB 10KA
RCD 30mA for all outlets
Entry: high-flexible rubber cable



Series Rg9450

Thermoplastic insulated distribution box
Dimension: WxHxD=445x265x155
Ready wired for connection
IP44 splash proof or IP67 Watertight

Series RG9400

Thermoplastic insulated distribution box
Dimension: WxHxD=400x295x155
Ready wired for connection
IP44 splash proof or IP67 Watertight



Series Rg9450



Series RG9400

PLASTIC DISTRIBUTION BOXES-WALL MOUNTING /-MOBILE

DAGUAN Electric is specialized in assembling socket-outlet combinations for use in industrial plants, exhibition centers, outdoor events, construction sites, etc. Boxes are made of solid-rubber or high-quality thermoplastic material.

Apart from the wide range of standard boxes, development of customer-specified solutions is our strength.

- Compact design
- material: shock-resistant polycarbonate
- ready wired for connection
- IP44 splashproof
- for mounting in workshop halls...

Series PS04001
dimensions=130X230X152mm

1CEE-socket 16A 5p 400V
1MCB 16A 3p-C
2 Schuko sockets 16A 250V
2 MCBs 16A 1p-C

entry:
1xPG21 cable gland on top
2xPG21 knockout(front end)



PS04001

Series PS04002
dimensions=222X369X140mm

1CEE-socket 32A 5p 400V
1 MCB 32A 3p-C
1CEE-socket 16A 5p 400V
1 MCB 16A 3p-C
3 Schuko sockets 16A 250V
3 MCBs 16A 1p-C

entry:
1xPG29 cable gland on top
1xPG29 screw cap from bottom



PS04002

Series PS04003
dimensions=297X504X186mm

1CEE-socket 63A 5p 400V
fuse/protection:
1CEE-socket 32A 5p 400V
6 Nexzed D02
1CEE-socket 16A 5p 400V
5 Neozed D01
2 Schuko sockets 16A 250V
1 RCD 63/0,03- 4p

Screw cap from bottom



PS04003

Series Ps04004
dimensions=189X290X110mm

2 CEE-socket 16A 5p 400V
4 Schuko sockets 16A 250V

2m cable H07RN-F 5G2,5 with
CEE-pulg 16A 5p 400V



PS04004

Series PS04005
dimensions=189X290X111mm

1CEE-socket 16A 5p 400V
3 Schuko sockets 16A 250V

1RCD 40/4/0,03A

2m cable H07RN-F 5G1,5 with
CEE-PLUG 16A 5p 400V



PS04005

Series PS04006
dimensions=238X359X112mm

2 CEE-socket 16A 5p 400V
4 Schuko sockets 16A 250V

2 MCBs 16A 1p-C

2m cable H07RN-F 5G1,5 with
CEE-plug 16A 5p 400V



PS04006

SOLID-RUBBER DISTRIBUTION BOXES-MOBILE

- portable, handy solid-rubber distribution box
- ready wired for connection
- IP44 splashproof
- with RCD: approved according to EN60439/4
- entry: high-flexible rubber cable

Series PS04011
 dimensions=320X320X320mm
 1 CEE-socket 32A 5p 400V
 2 CEE-sockets 16A 5p 400V
 3 Schuko sockets 16A 250V
 1 MCB 16A 3p
 3 MCBs 16A 1p
 1 RCD 40A/4/0,03A
 2m cable 5GB with CEE-plug 32A 5p 400V



PS04011

Series PS04012
 dimensions=235X128X72mm
 1 CEE-socket 16A 5p 400V
 2 Schuko sockets 16A 250V
 1,5m cable 5G2,5 with CEE-pulg 16A 5p 400V



PS04012

Series PS04013
 dimensions=115X430X72mm
 2 CEE-socket 16A 5p 400V
 2 Schuko sockets 16A 250V
 1 RCD 40A/4/0,03A-all outlets
 2m cable 5G2,5 with CEE-PULG 16A 5p 400V



PS04013

Special designs-available on request!

SOLID-RUBBER DISTRIBUTION BOXES-WALL MOUNTING



PS04014



PS04015

- Series PS04014**
- solid-rubber enclosure
 - dimensions=265X370mm
 - available with or without overhanging cover(roff)
 - bottom of box and cover connected with joint
 - window for up to 13 modules
 - ready wired for connection
 - IP44 splashproof

entry:
 1xPG36 cable gland on top
 1xPG36

1 CEE-socket 63A 5p 400V 1 MCB 63A 3p
 2 CEE-socket 16A 5p 400V 2 MCBs 63A 3p
 2 Schuko sockets 16A 250V 2 MCBs 63A 1p

1 RCD 40A/4/0,03A
 1 series terminal block 5p 16mm²
 1 PG29-cable gland on top

- Series PS04015**
- solid-rubber enclosure
 - dimensions=370X370mm
 - bottom of box and cover connected with joint
 - window for up to 17 modules(18 modules available on request)
 - ready wired for connection
 - IP44 splashproof

1 CEE-socket 63A 5p 400V 1 MCB 63A 3p
 2 CEE-socket 16A 5p 400V 2 MCBs 63A 3p
 2 Schuko sockets 16A 250V 2 MCBs 63A 1p

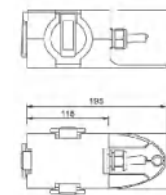
1 RCD 63A/4/0,03A
 1 series terminal block 5p 16mm²
 1 PG36-cable gland on top

SOLID-RUBBER DISTRIBUTION BOXES-WALL MOUNTING



Compact distribution boxes-series PS04020

- compact design
- material: shock-resistant polyamide
- with shackle
- ready wired for connection
- IP44 splashproof
- for assembly plants, craftsmen, ...



Entry:

PS040206

PG16 cable gland without cable

PS040209

1,5m cable H07RN-F 3G1,5 with rubber plug 16A 230V

PS040299

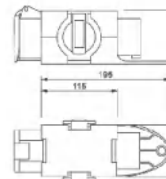
1,5m cable H07RN-F 5G1,5 with CEE-plug 16A 5p 400V

PS040212

1 CEE-plug 16A 5p 400V

Outlet:

3 Schuko sockets 16A 250V with self-closing lid



Entry:

PS040212

1 CEE-plug 16A 5p 400V

PS040252

1 CEE-phase inverter 16A 5p 400V

PS040215

1,5m cable H07RN-F 5G1,5 with CEE-plug 16A 5p 400V

PS040219

1,5m cable H07RN-F 5G1,5 with CEE-phase inverter 16A 5p 400V

Outlet:

1 CEE-socket 16A 5p 400V
 2 Schuko sockets 16A 250V with self-closing lid



Entry:

PS040211

1 CEE-plug 16A 5p 400V

PS040213

1 CEE-phase inverter 16A 5p 400V

PS040218

1,5m cable H07RN-F 5G1,5 with CEE-plug 16A 5p 400V

PS040221

1,5m cable H07RN-F 5G1,5 with CEE-phase inverter 16A 5p 400V

Outlet:

3 CEE-sockets 16A 5p 400V

Special designs-available on request!



DSB



DMB



DNB

PORTABLE POWERHOUSE BOARDS ACCESSORIES

According Requirement to install what you need(OEM)

Size: 400x400x460mm (h, w, d)

Code: DSB

PORTABLE POWERHOUSE BOARDS ACCESSORIES

According Requirement to install what you need(OEM)

Size: 400x400x570mm (h, w, d)

Code: DMB

PORTABLE POWERHOUSE BOARDS ACCESSORIES

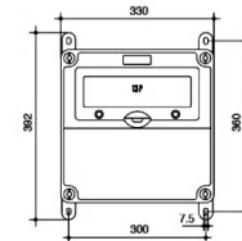
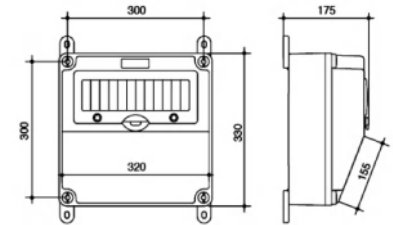
According Requirement to install what you need(OEM)

Size: 380x250x260mm (h, w, d)

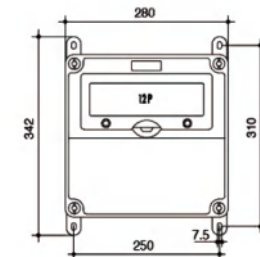
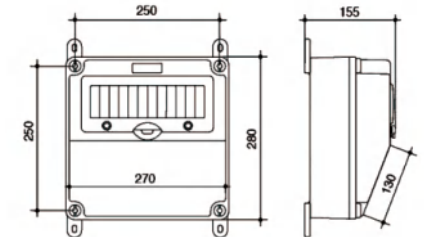
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NEW TYPE OF SOCKET DISTRIBUTION BOXES AND ENCLOSURES

It is applicable for special waterproof ,dustproof and corro-sion-proof locations.
Executive standard : IEC60529 IP67 EN60309

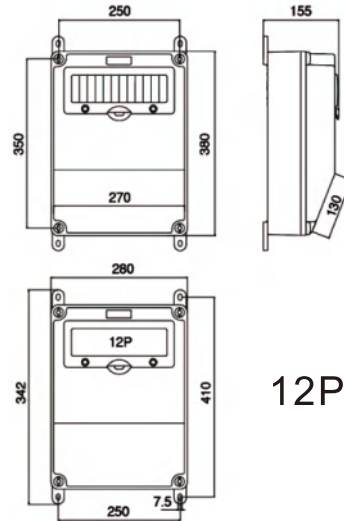


13P

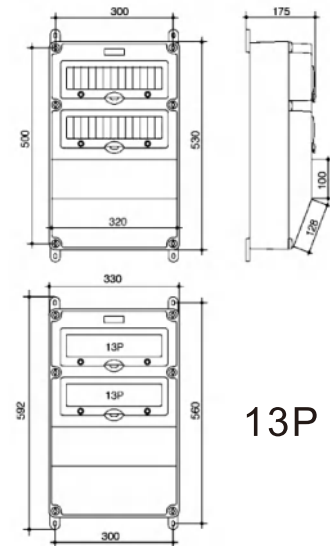


12P

NEW TYPE OF SOCKET DISTRIBUTION BOXES AND ENCLOSURES

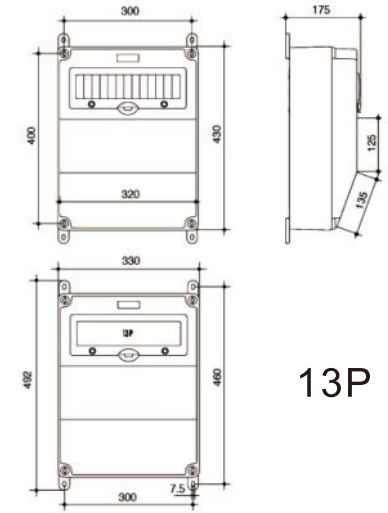


12P

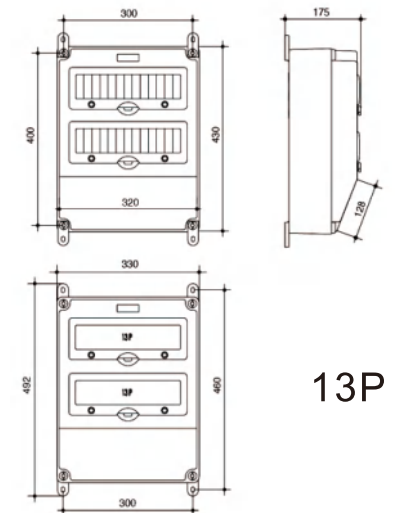


13P

NEW TYPE OF SOCKET DISTRIBUTION BOXES AND ENCLOSURES



13P



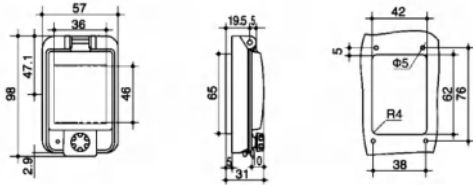
13P

TRANSPARENT CONTACT PROTECTION WINDOW HOOD

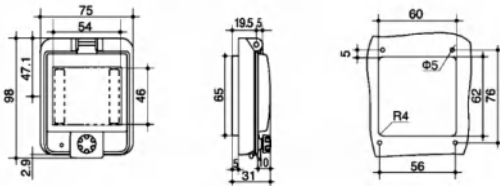
It is applicable for special waterproof ,dustproof and corro-sion-proof locations.
Executive standard : IEC60529 IP67 EN60309



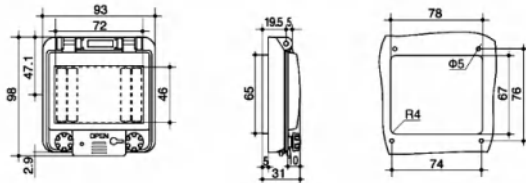
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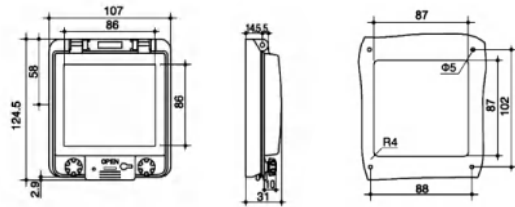
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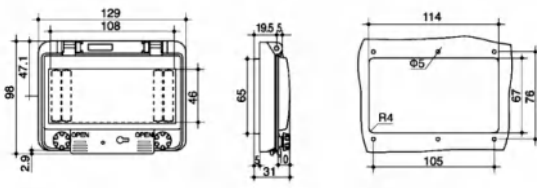
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WH86



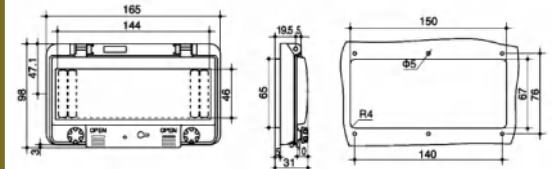
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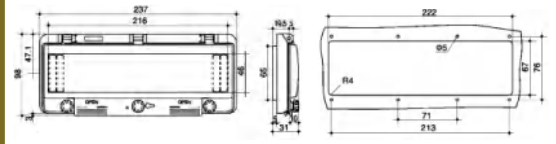
TRANSPARENT CONTACT PROTECTION WINDOW HOOD



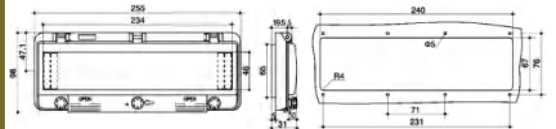
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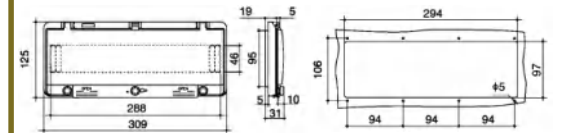
WH216



WH234

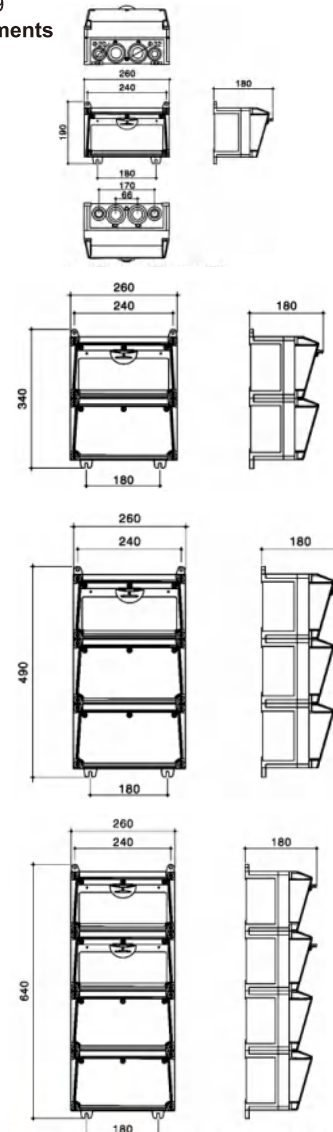
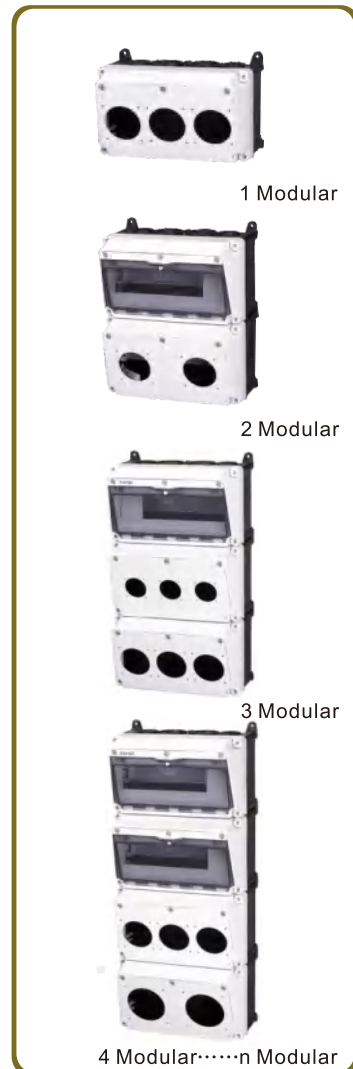


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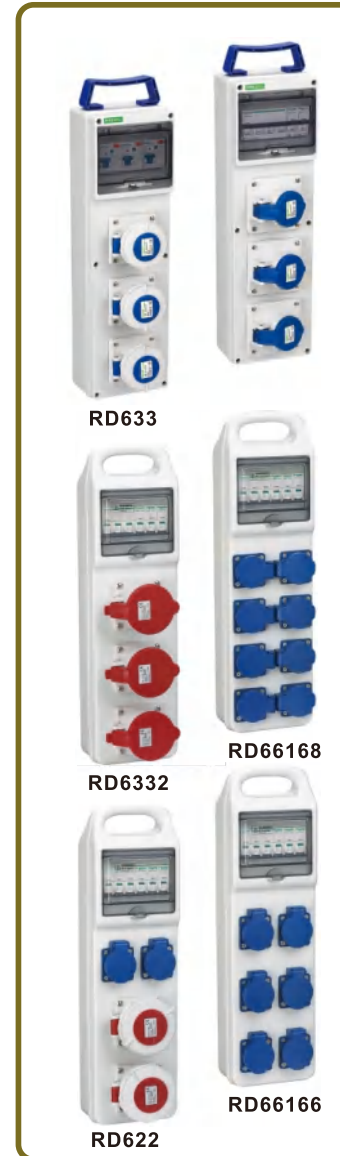
COMBINED SOCKET DISTRIBUTION BOX(MODULER)

Waterproof,dustproof,anticorrosion,high-strength insulation .Any opening is available according to the customers demands,it is very complete in specification and convenient in installation.
Executive standard : IEC60529 IP67 EN60309
Modular can be adjusted according your requiements



COMBINED SOCKET DISTRIBUTION BOX

6 pole MCB+Water proof socket



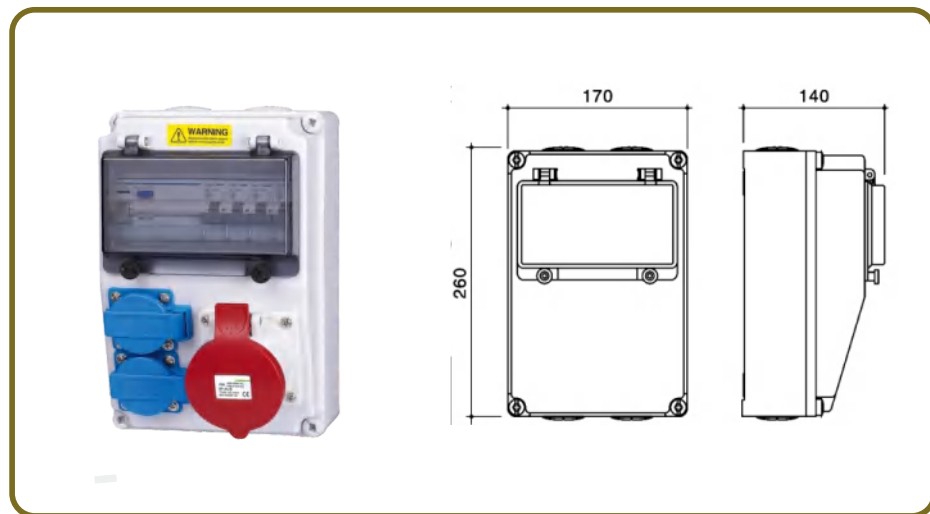
PORTABLE SOCKET DISTRIBUTION BOX

Portable, and provide flexible power supply output.

Any type of industrial socket.

Executive standard: DIN VDE0623 IEC60309-2

Protection degree: IEC60529 IP44 IP67 IP68



24 MOBILE WATERPROOF SOCKET BOX(PPB)

Implementation of the standards : EN60439-4

Protection class : IEC60529 IP44/IP67

Colors : Yellow / Black / White

Power Input	Output circuit	Switch protection
1 CEE 63A 5P	1 CEE 63A 5P	1 RCD 63A 4P 0.03A
3M 5x10mm ² Cable	1 CEE 32A 5P	1 MCB 63A 3P
	2 CEE 16A 5P	1 MCB 32A 3P
	4 SCHUKO 16A 230V	2 MCB 16A 3P
		4 MCB 16A 1P

24 MOBILE WATERPROOF SOCKET BOX(PPB)

Implementation of the standards : EN60439-4

Protection class : IEC60529 IP44/IP67

Colors : Yellow / Black / White

Power Input	Output circuit	Switch protection
1 CEE 63A 5P	2 CEE 32A 5P	1 RCD 63A 4P 0.03A
3M 5x10mm ² Cable	2 CEE 32A 3P	2 MCB 32A 3P
	2 CEE 16A 5P	2 MCB 32A 1P
	2 CEE 16A 3P	2 MCB 16A 3P
		2 MCB 16A 1P

24 MOBILE WATERPROOF SOCKET BOX(PPB)

Implementation of the standards : EN60439-4

Protection class : IEC60529 IP44/IP67

Colors : Yellow / Black / White

Power Input	Output circuit	Switch protection
1 CEE 63A 5P	1 CEE 63A 5P	1 RCD 63A 4P 0.03A
Concealed plug	1 CEE 32A 5P	1 MCB 63A 3P
	2 CEE 16A 5P	1 MCB 32A 3P
	4 CEE 16A 3P	2 MCB 16A 3P
	4 SCHUKO 16A 230V	6 MCB 16A 1P

24 MOBILE WATERPROOF SOCKET BOX(PPB)

Implementation of the standards : EN60439-4

Protection class : IEC60529 IP44/IP67

Colors : Yellow / Black / White

Power Input	Output circuit	Switch protection
1 CEE 63A 5P	2 CEE 32A 5P	1 RCD 63A 4P 0.03A
Concealed plug	2 CEE 16A 5P	2 MCB 32A 3P
	4 CEE 16A 5P	2 MCB 16A 3P
		4 MCB 16A 1P

Size: 330x340x370mm (h, w, d)





12 MOBILE WATERPROOF SOCKET BOX(PPB)

Implementation of the standards : EN60439-4
Protection class : IEC60529 IP44/IP67
Colors : Yellow / Black / White

Power Input	Output circuit	Switch protection
1 CEE 16A 5P	2 CEE 16A 5P	1 RCD 32A 4P 0.03A
3M 5x2.5mm ² Cable	6 SCHUKO 16A 230V	1 MCB 16A 3P
		3 MCB 16A 1P

12 MOBILE WATERPROOF SOCKET BOX(PPB)

Implementation of the standards : EN60439-4
Protection class : IEC60529 IP44/IP67
Colors : Yellow / Black / White

Power Input	Output circuit	Switch protection
1 CEE 32A 5P	1 CEE 16A 5P	1 RCD 40A 4P 0.03A
3M 5x4.0mm ² Cable	1 CEE 32A 5P	1 MCB 32A 3P
	6 SCHUKO 16A 230V	3 MCB 16A 1P

12 MOBILE WATERPROOF SOCKET BOX(PPB)

Implementation of the standards : EN60439-4
Protection class : IEC60529 IP44/IP67
Colors : Yellow / Black / White

Power Input	Output circuit	Switch protection
1 CEE 32A 5P	2 CEE 16A 5P	1 RCD 40A 4P 0.03A
3M 5x4.0mm ² Cable	2 CEE 32A 5P	1 MCB 16A 3P
	4 SCHUKO 16A 230V	1 MCB 32A 3P
		2 MCB 16A 1P

12 MOBILE WATERPROOF SOCKET BOX(PPB)

Implementation of the standards : EN60439-4
Protection class : IEC60529 IP44/IP67
Colors : Yellow / Black / White

Power Input	Output circuit	Switch protection
1 CEE 32A 3P	4 CEE 32A 5P	1 RCD 40A 2P 0.03A
3M 3x4.0mm ² Cable	4 SCHUKO 16A 230V	8 MCB 16A 1P

Size: 287x230x300mm (h, w, d)



12 MOBILE WATERPROOF SOCKET BOX(PPB)

Implementation of the standards : EN60439-4
Protection class : IEC60529 IP44/IP67
Colors : Yellow / Black / White

Power Input	Output circuit	Switch protection
1 CEE 63A 5P	4 CEE 16A 5P	1 RCD 40A 2P 0.03A
3M 5x4.0mm ² Cable	4 SCHUKO 16A 230V	2 MCB 16A 3P
		3 MCB 16A 1P

12 MOBILE WATERPROOF SOCKET BOX(PPB)

Implementation of the standards : EN60439-4
Protection class : IEC60529 IP44/IP67
Colors : Yellow / Black / White

Power Input	Output circuit	Switch protection
1 CEE 32A 5P	2 CEE 16A 5P	1 RCD 40A 2P 0.03A
3M 5x4.0mm ² Cable	1 CEE 32A 5P	1 MCB 16A 3P
	1 CEE 16A 3P	1 MCB 32A 3P
	4 SCHUKO 16A 230V	2 MCB 16A 1P

12 MOBILE WATERPROOF SOCKET BOX(PPB)

Implementation of the standards : EN60439-4
Protection class : IEC60529 IP44/IP67
Colors : Yellow / Black / White

Power Input	Output circuit	Switch protection
1 CEE 63A 5P	4 CEE 16A 3P	1 RCD 40A 2P 0.03A
3M 3x4.0mm ² Cable		4 MCB 16A 2P

Size: 287x230x300mm (h, w, d)



C Series | New Industrial Products & Accessories

SINGLE PHASE 2 ROUND PIN STRAIGHT PLUG

Description: Single phase 250V round pin straight plug. IP44 rated. 2 PIN available in 16A.

Code: P216



P216

THREE PHASE 4 ROUND PIN STRAIGHT PLUG

Description: Three phase 415V round pin straight plug. IP44 rated. 4 PIN available in 20A

Code: 3P+E P420



P420

THREE PHASE 5 ROUND PIN STRAIGHT PLUG

Description: Three phase 415V round pin straight plug. IP44 rated. 5 PIN available in 20A

Code: 3P+E+N P520



P520



P432

THREE PHASE 4 ROUND PIN STRAIGHT PLUG

Description: Three phase 4 415V round pin straight plug.

IP44 rated. Available in 32A.

Code: 3P+E P432



ES420

THREE PHASE 4 ROUND PIN EXTENSION SOCKET

Description: Three phase 4 round pin cord extension socket.

IP44 rated. Available in 20A.

Code: 3P+E ES420



P532

THREE PHASE 5 ROUND PIN STRAIGHT PLUG

Description: Three phase 5 415V round pin straight plug.

IP44 rated. Available in 32A.

Code: 3P+N+E P532



ES520

THREE PHASE 5 ROUND PIN EXTENSION SOCKET

Description: Three phase 5 round pin cord extension socket.

IP44 rated. Available in 20A.

Code: 3P+N+E ES520



ES216

SINGLE PHASE 2 ROUND PIN EXTENSION SOCKET

Description: Three phase 250V round pin cord extension socket.

IP44 rated. Available in 16A.

Code: ES216



ES432

THREE PHASE 4 QUADRATE PIN SOCKET(OUTLET)

Description: Three phase 4 quadrate pin socket.

IP44 rated. Available in standard grey 20A.

Code: 3P+E ES432



ES532

THREE PHASE 5 QUADRATE PIN SOCKET(OUTLET)

Description: Three phase 5 quadrate pin socket.
IP44 rated. Available in standard grey 20A.

Code: 3P+N+E ES532



ES420

THREE PHASE 4 QUADRATE PIN SOCKET(OUTLET)

Description: Three phase 4 quadrate pin socket.
IP44 rated. Available in standard grey 32A.

Code: 3P+E ES420



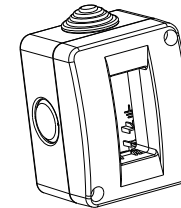
ES520

THREE PHASE 5 QUADRATE PIN SOCKET(OUTLET)

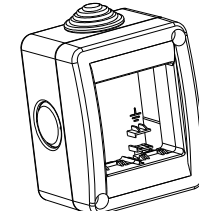
Description: Three phase 5 quadrate pin socket.
IP44 rated. Available in standard grey 32A.

Code: 3P+N+E ES520

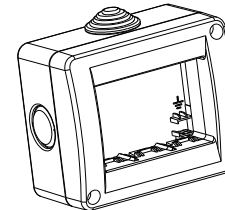
WEATHERPROOF SWITCH BOX SURFACE



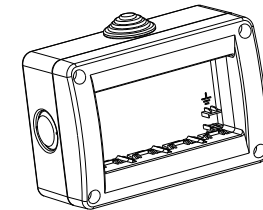
GBLB001-S
1G Switch box
Surface Type



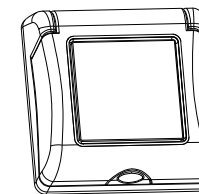
GBLB002-S
2G Switch box
Surface Type



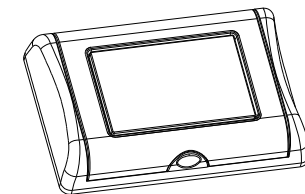
GBLB003-S
3G Switch box
Surface Type



GBLB004-S
4G Switch box
Surface Type

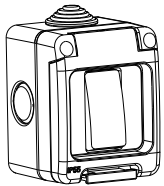


GBLB002-F
2G Switch box-Flush
Water Proof IP55

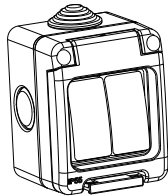


GBLB003-F
3G Switch box-Flush
Water Proof IP55

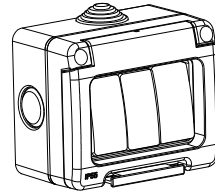
WEATHERPROOF SWITCH & SOCKET



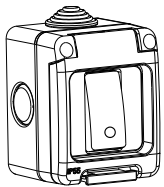
GBLW11
10A x 1G x 1W
Water Proof Switch IP55



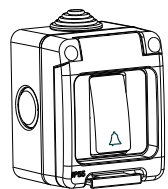
GBLW21
10A x 2G x 1W
Water Proof Switch IP55



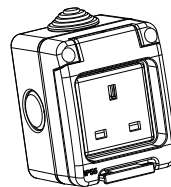
GBLW31
10A x 3G x 1W
Water Proof Switch IP55



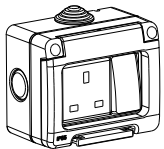
GBLW20
20A D.P.Switch
Water Proof Switch IP55



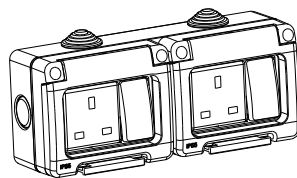
GBLW10
Bell Switch
Water Proof Switch IP55



GBLW13A
13A Single Socket
Water Proof Switch IP55



GBLW131
13A Single Switch Socket
Outlet Water Proof IP55

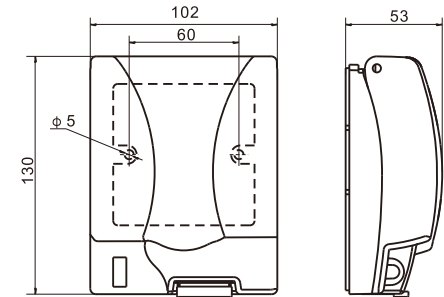


GBLW132
13A Twin Switch Socket
Outlet Water Proof IP55



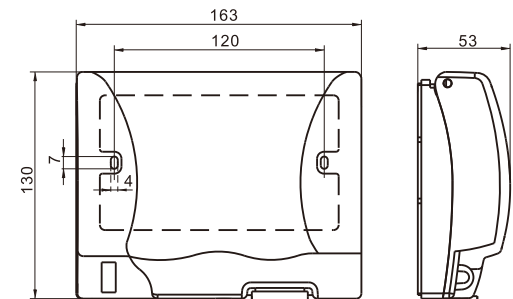
WPC1

IP55 WATERPROOF SURFACE COVER FOR SWITCH



WPC2

IP55 WATERPROOF SURFACE COVER FOR SWITCH



WPC3



WPC4

INDUSTRIAL SWITCH AND SOCKET

Description: 13A/10-16A AC250V

IP66

Code: WPC3/WPC4



MB60

ABS MOUNTING BOX

Description: 60x60mmx38mm

Code: MB60



ES616

INDUSTRIAL SOCKET

Description: Three phase 4 round pin cord rubber extension socket.
IP44 rated. Available in 16A/250V

Code: 3P+E ES616



ES632

INDUSTRIAL SOCKET

Description: Three phase 4 round pin cord rubber extension socket.
IP44 rated. Available in 32A/400V

Code: 3P+E ES632



P216

PA216

INDUSTRIAL SOCKET

Description: Three phase 2 round pin cord rubber extension socket.
IP44 rated. Available in 16A/250V

Code: 2P+E P216
2P+E PA216



ES716

INDUSTRIAL OUTLET SOCKET

Description: Three phase 2 round pin cord rubber extension socket.
IP44 rated. Available in 16A/250V

Code: 2P+E ES716



ES732

INDUSTRIAL SOCKET

Description: Three phase 4 round pin cord rubber extension socket.
IP44 rated. Available in 32A/400V

Code: 3P+E ES732 plug
3P+E ES732 socket



ES8216

INDUSTIRAL SOCKET

Description: Three phase 2 round pin cord.
rubber extension socket.
IP44 rated. Available in 16A/250V.

Code: 2P+E ES8216



ES8316

INDUSTIRAL SOCKET

Description: Three phase 2 round pin cord
rubber extension socket.
IP44 rated. Available in 16A/250V

Code: 2P+E ES8316



ES8416

INDUSTIRAL SOCKET

Description: Three phase 2 round pin cord.
rubber extension socket.
IP44 rated. Available in 16A/250V.

Code: 4P+E ES8416



D Series | Circuit Protection Equipment



GL7-1P

GL7 MINI CIRCUIT BREAKER

Application scope

It can protect the electric line equipment from overload and short circuit.

Technical parameter

Electric parameter:

Up to electrical standard: EN60898 GB10963 IEC898

Rated voltage(Ue): 230/400V/50/60HZ

Rated breaking capacity : 10kA IEC898(0.5-63A)
15kA IEC947-2(0.5-63A)

DC short circuit breaking capacity:

Max 48V(L7-10kA)single-pole
Max 250V(L7-DC,6kA)single-pole

Characteristic curve B,C,D

Max connectable fuse:100AgL(> 10kA)

Selectivity class:Class III

Working ambient temperature:-5~+40

Enclosed protective class:IP40 (under mounting)

Service life:

Electric no less than 8000 times make-break operation

Machinery no less than 20,000 times make-break operation

Mechanical parameter:

Exposed face length:45mm

Casing height:80mm

Casing width:17.5mm/pole(single-pole) 26.3mm:1P+N
(1.5 modules)

Installation mode:adopting IEC standard guide rail 35mm

Terminal form:The double function terminal can connect with busbar and conductor.

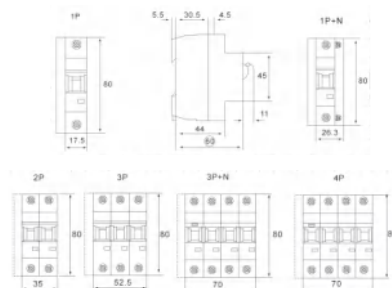
Connecting capacity of terminal:

conductor 1-25mm²(excepted 1P+N)

1-25mm²/1-2 10mm²(N)(1P+N)

busbar thickness:0.8-2mm

Installation Dimensions



GL7-3P



GL7-4P



RGKN-1P

RGKN-2P

RGKN MINIATURE CIRCUIT BREAKER

- The design on the base of the current-limiting device increases the capability of Circuit breaking, with a max.of 6KA(AC 230V standard)
- The super-miniature and light product leaves the installation area minimum.
- The overcurrent protection of bimetallic sheet and the instantaneous and short-circuit Protection featuring solenoid trip produces a perfect protection to current fault.
- The assembly mode of DIN-Rail makes the installation easier.
- Delicate appearance of Europe-style
- Available to fit such accessories as auxiliary switch(AX) and alarm switch, etc.

Specifications

Series	RGKN									
	B			C				D		
Poles	1	2	3	1	2	3	4	1	2	
Rated Voltage (V)	230/400									
Rated Current (A)	6,10,16, 20,25,			2,4,6,10,20,25, 32,40,50				6,10,15,20, 30,40,50		
Breaking Capacity(KA)	6			6				6		
Tripping Device	Thermal-coil magnetic									

Auxiliary switch & alarm switch	
Rated operational current	230V 3.5A
(AC11 duty)	400V 2A
Mechanical lifespan	2,000 operations
Terminal capacity	0.75,2.5mm

WGB012-40 SERIES

- Poles P+N 18mm
- Rated voltage (V) AC230
- Rated current (A) 2, 4, 6, 10, 16, 20, 25, 32A
- Characteristic curve IEC60898 B,C
- Breaking capacity (KA) 6KA
- Electrical life > 6000 times
- Accord with standards IEC60898, BS3871



WGB012-40



GB015-1P

GB015 ISOLATING SWITCH

Application:

GB015 miniature circuit breaker is especially Suitable for illumination and distribution in industry and commerce. It is of pleasing out look, light in weight, reliable performance, high breaking capacity, high inflammable resistance and shock resistance for long service life. It is mainly used for overload and short circuit protection within the circuit of AC 50/60Hz, rated voltage of single pole up to 230V, two, three or four pole up to 400V. It can also be used for an unfrequent switchover of circuit and illumination under normal condition.



GB015-2P

Technical Specification:

Poles	1P,2P,3P,4P
Frequency	50/60 Hz
Rated current(A)	60, 80, 100A
Rated voltage	230/400V
Short Circuit Bears To Suffer Capacity(KA)	Conneited to 100A Fuse to 25A
Standard	Arcading IEC 60947-3 (EN60947-2)



GB015-3P



GB015-63-1P

GB015-63 HIGH BREAKING CAPACITY CIRCUIT BREAKER

Application:

GB015-63 miniature circuit breaker is especially Suitable for illumination and distribution in industry and commerce. It is of pleasing out look, light in weight, reliable performance, high breaking capacity, high inflammable resistance and shock resistance for long service life. It is mainly used for overload and short circuit protection within the circuit of AC 50/60Hz, rated voltage of single pole up to 230V, two, three or four pole up to 400V. It can also be used for an unfrequent switchover of circuit and illumination under normal condition.



GB015-63-2P

Technical Specification:

Poles	1P,2P,3P,4P
Rated Voltage(V)	230V/400V
Rated current(A)	2,4,6,10,16,20,25,32,40,50,63A
Characteristic Curve	IEC60898 B.C.D
Rated Short Circuit Break Capacity(KA)	=40A 10KA =40A 6KA
Mechanical life	6000times
Electrical life	2000times
Tropicaliration	Treatment 2 (Rh95% at55℃)



GB015-63-3P



GB015-63-4P



DGD2-1P

DGD2 MINI CIRCUIT BREAKER

Application

- The design on the base of the current-limiting device increases the capability of circuit breaking, with a max. Of 6ka(ac 220v standard)
- The super-miniature and light product leaves the installation area minimum.
- The overcurrent protection of bimetallic sheet and the instantaneous and short-circuit protection featuring solenoid trip produces a perfect protection to current fault.
- The assembly mode of DIN-Rail makes the installation easier.
- Delicate appearance of Europe-style
- Available to fit such accessories as auxiliary switch(AX) and alarm switch, etc.

Specifications

Series	DGD2									
	B			C				D		
Poles	1	2	3	1	2	3	4	1	2	3
Rated Voltage(V)				240/415						
Rated Current(A)	6,10,16,20,25,			2,4,6,10,20,25,32,40,50				6,10,15,20,30,40,50		
Breaking Capacity(KA)	10			6				6		
Tripping Device	Thermal-coil magnetic									

Auxiliary switch & alarm switch

Rated operational current 220V 3.5A

(AC11 duty) 415V 2A

Mechanical lifespan 2,000 operations

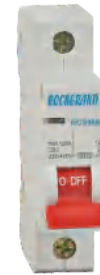
Terminal capacity 0.75,2.5mm



DGD2-2P



DGD1-4P



DGD1-1P

DGD1 MINI CIRCUIT BREAKER

Application

DGD1series circuit breaker is used in lighting distribution system or motor distributionsystem for protecting overload and short-circuit in the system. The product is novel in structure, light in weight, reliable and excellent in performance. It has high breaking capacity, can tripquickly and it's installation uses with guide, it's case and items are adopted with high fireresistant and shockproof plastics. The product,with long life, is mainly used in AC 50Hz/60Hz single-pole 240V or two, three, four-pole 415V circuit for overload and short-circuit protectionas well as for unfrequent on-and-off switching electric equipment and lighting circuit in normalcase.This product comply with GB10963,IEC898,BS3871.

Specification

Rated temperature 40℃

Rated voltage 240V/415V AC

Rated current(C):1,3,5,6,10,15,16,20,25,32,40,50,60,63A
(D):1,3,5,6,10,15,16,20,25,32,40A

Electric endurance not lower than 6000 times

Mechanical endurance lower than 20000 times

Tropical test:2 kinds

Weight(g)	1P	2P	3P	4P
	102	208	308	408



DGD1-2P



DGD1-3P

Standard	Rated Current(A)	Pole	Voltage (V)	Breaking Capacity (A)
BS3871-1 IEC898	1 to 40	1	240	4000
		2,3,4	415	4000
IEC157-1	1 to 40	1	220/240	6000
		2,3,4	220/240	12000
		2,3,4	380/415	6000



DGD4-1P

DGD4 MINI CIRCUIT BREAKER

Application

- The design on the base of the current-limiting device increases the capability of circuit breaking, with a max. Of 6ka(ac 220v standard)
- The super-miniature and light product leaves the installation area minimum.
- The overcurrent protection of bimetallic sheet and the instantaneous and short-circuit protection featuring solenoid trip produces a perfect protection to current fault.
- The assembly mode of DIN-Rail makes the installation easier.
- Delicate appearance of Europe-style
- Available to fit such accessories as auxiliary switch(AX) and alarm switch, etc.

Specifications

Series	DGD4									
	B			C				D		
Poles	1	2	3	1	2	3	4	1	2	3
Rated Voltage(V)				240/415						
Rated Current(A)	6,10,16,20,25,			2,4,6,10,20,25,32,40,50				6,10,15,20,30,40,50		
Breaking Capacity(KA)	10			6				6		
Tripping Device	Thermal-coil magnetic									

Auxiliary switch & alarm switch

Rated operational current 220V 3.5A

(AC11 duty) 415V 2A

Mechanical lifespan 2,000 operations

Terminal capacity 0.75,2.5mm



DGD4-2P



DGD4-4P



DGD3-1P

DGD3 MINI CIRCUIT BREAKER

Application

DGD3 series circuit breaker is used in lighting distribution system or motor distributionsystem for protecting overload and short-circuit in the system. The product is novel in structure, light in weight, reliable and excellent in performance. It has high breaking capacity, can trip quickly and it's installation uses with guide, its case and items are adopted with high fireresistant and shockproof plastics. The product,with long life, is mainly used in AC 50Hz/60Hz single-pole 240V or two, three, four-pole 415V circuit for overload and short-circuit protectionas well as for unfrequent on-and-off switching electric equipment and lighting circuit in normalcase.This product comply with GB10963,IEC898,BS3871.

Specification

Rated temperature 40℃

Rated voltage 240V/415V AC

Rated current(C):1,3,5,6,10,15,16,20,25,32,40,50,60,63A
(D):1,3,5,6,10,15,16,20,25,32,40A

Electric endurance not lower than 6000 times

Mechanical endurance lower than 20000 times

Tropical test:2 kinds

Weight(g)	1P	2P	3P	4P
	102	208	308	408

Standard	Rated current(A)	Pole	Voltage (V)	Breaking Capacity (A)
BS3871-1 IEC898	1 to 40	1	240	4000
		2,3,4	415	4000
IEC157-1	1 to 40	1	220/240	6000
		2,3,4	220/240	12000
		2,3,4	380/415	6000



DGD3-2P



DGD3-3P



DGD5-1P

DGD5 MINI CIRCUIT BREAKER

Application

- The design on the base of the current-limiting device increases the capability of circuit breaking, with a max. Of 6ka(ac 220v standard)
- The super-miniature and light product leaves the installation area minimum.
- The overcurrent protection of bimetallic sheet and the instantaneous and short-circuit protection featuring solenoid trip produces a perfect protection to current fault.
- The assembly mode of DIN-Rail makes the installation easier.
- Delicate appearance of Europe-style
- Available to fit such accessories as auxiliary switch(AX) and alarm switch, etc.

Specifications

Series	DGD5									
	B			C				D		
Poles	1	2	3	1	2	3	4	1	2	3
Rated Voltage(V)				240/415						
Rated Current(A)	6,10,16,20,25,			2,4,6,10,20,25,32,40,50				6,10,15,20,30,40,50		
Breaking Capacity(KA)	10			6				6		
Tripping Device	Thermal-coil magnetic									

Auxiliary switch & alarm switch

Rated operational current 220V 3.5A

(AC11 duty) 415V 2A

Mechanical lifespan 2,000 operations

Terminal capacity 0.75,2.5mm



REC-1P

REC MINI CIRCUIT BREAKER

Application

REC series circuit breaker is used in lighting distribution system or motor distributionsystem for protecting overload and short-circuit in the system. The product is novel in structure, light in weight, reliable and excellent in performance. It has high breaking capacity, can tripquickly and it's installation uses with guide, it's case and items are adopted with high fireresistant and shockproof plastics. The product,with long life, is mainly used in AC 50Hz/60Hz single-pole 240V or two, three, four-pole 415V circuit for overload and short-circuit protectionas well as for unfrequent on-and-off switching electric equipment and lighting circuit in normalcase.This product comply with GB10963,IEC898,BS3871.

Specification

Rated temperature 40℃

Rated voltage 240V/415V AC

Rated current(C):1,3,5,6,10,15,16,20,25,32,40,50,60,63A
(D):1,3,5,6,10,15,16,20,25,32,40A

Electric endurance not lower than 6000 times

Mechanical endurance lower than 20000 times

Tropical test:2 kinds

Weight(g)	1P	2P	3P	4P
	102	208	308	408

Standard	Rated current(A)	Pole	Voltage (V)	Breaking Capacity (A)
BS3871-1 IEC898	1 to 40	1	240	4000
		2,3,4	415	4000
IEC157-1	1 to 40	1	220/240	6000
		2,3,4	220/240	12000
		2,3,4	380/415	6000



REC-2P



REC-3P



LR DPN



MG DPN

DPNa



RG-A-1P



RG-A-3P

NEW GDPN MINI CIRCUIT BREAKER

Application

The product, used to protect line conductor and overload, and short-circuit of small size motors, is mainly for protection of circuits with AC 230V and 50Hz / 60Hz, and for unfrequent conversion under normal conditions as well. Its action can be up to 2pole with its only one pole volume and can be used as a leakage breaker by assembling with leakage.

Specification

Rated voltage	230V/400V
Rated current	2,4,6,10,16,25,32A,40A
Breaking capacity	4500A
Mechanical and electrical life	6000 times
Width pole	P+N=18mm
Accord with standard	IEC898-87 GB10963-89 B.S3871

GHBH MINI CIRCUIT BREAKER

Application:

The series moulded case circuit breaker mainly applies to lighting line with AC 50Hz, single phase 240V, three phase 415V and below to protect overload, short circuit and can be used as switch of line.

Pole NO. (P)	Rated current (A)	Rated voltage (V)	Rated making and breaking capacity(KA)		Setting Temperature of protective characteristics
			B.S	NEMA	
1	6,10,15, 20,30,40, 50,60,70, 85,100	AC120		5/10	40
		AC 120/240		5/10	
		AC 240/415	3		
2	6,10,15, 20,30,40, 50,60,70, 85,100	AC 120/240			40
		AC 240/415	3	5/10	
		AC 240/415	3		



DG65B MINI CIRCUIT BREAKER (PLUG IN)

Construction and Feature

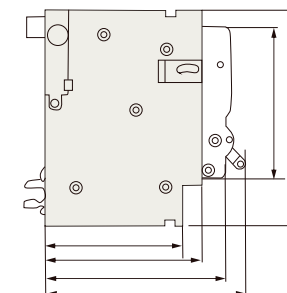
- ◆ Protection against both overload and short circuit
- ◆ High short-circuit capacity
- ◆ Applicable to terminal and pin/fork type busbar connection

Technical Data

- ◆ Pole No:1, 1P+N,2,3,3P+N,4
 - ◆ Rated voltage:AC 230/400V
 - ◆ Rated current(A):1,2,3,4,6,10,13,16,20,25,32,40,50,63
 - ◆ Tripping curve:B,C,D
 - ◆ Rated short-circuit capacity(Icn):10kA
 - ◆ Rated frequency:50/60Hz
 - ◆ Energy limiting calss:3
 - ◆ Rated impulse withstand voltage:6.2kV
 - ◆ Electro-mechanical endurance:6000
 - ◆ Contact position indication
 - ◆ Connection terminal:
 - ◆Screw terminal
 - ◆Pillar terminal with calmp
 - ◆Connection capacity:Rigid conductor up to 25mm²
 - ◆ Fastening torque:2.0Nm
 - ◆Installation:
 - ◆Clips pan assembly base
 - ◆Panel mounting
 - ◆Terminal Connection Height:21mm
- Overall & Installation Dimensions



Overall & Installation Dimensions





DG60B MINI CIRCUIT BREAKER (PLUG IN)

Description

- ◆ For protection against overload and short circuits in the electrical distribution system.
- ◆ Use in domestic, commercial and light industrial installations.

Technical Data

Conform to IEC 60898, BS 3871-Part I
Body material: Bakelite
Rated Current: 5-100A
Rated Voltage: 120, 120/240, 240/440V AC
Breaking Capacity: 6kA
Frequency: 50/60Hz
Degree of protection: IP20
Connection
Clamp terminal
Mounting:
Clips mounting base

Specification

Designation	Rating(Amps)	Pack Qty	Cat.No.
Single pole 1"width	5A	10	SCH105
	10A	10	SCH110
	15A	10	SCH115
	20A	10	SCH120
	30A	10	SCH130
	40A	10	SCH140
	50A	10	SCH150
	60A	10	SCH160
	75A	10	SCH175
	100A	100	SCH1100
Double pole 2"width	5A	5	SCH205
	10A	5	SCH210
	15A	5	SCH215
	20A	5	SCH220
	30A	5	SCH230
	40A	5	SCH240
	50A	5	SCH250
	60A	5	SCH260
	75A	5	SCH275
	100A	5	SCH2100
Triple pole 3"width	5A	3	SCH305
	10A	3	SCH310
	15A	3	SCH315
	20A	3	SCH320
	30A	3	SCH330
	40A	3	SCH340
	50A	3	SCH350
	60A	3	SCH360
	75A	3	SCH375
	100A	3	SCH3100



DGAD11 DGAD21 DGAD31

INDICATOR LIGHT

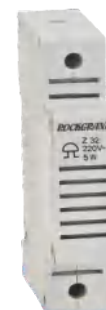
Description: DGAD Indicator Light

Color: Red/Green/Yellow/Blue

Working Voltage: 230V AC

Code: DGAD11/DGAD21/DGAD31

LED



DGAC1

BUZZER

Working Voltage: 230V AC

Code: DGAC1



DGG1-125

DGC1-125 ISOLATING SWITCH

Application:

Having superior dynamic-heating ability, it is mainly used as a main switch for both Terminal assembly electric equipment case, and illumination assembly case, and to control various motors and small power electric equipment as well, it has no function of protection of over load short-circuit.

Specifications

Rated Voltage (V)	Rated current of trips(A)	Compliance with standard
1 Pole:230/240	16,20,32,40, 63,100,125A	IEC408 IEC60847-3 BS5419 VDE0660
2,3,4 Pole:400/415		



MDI-LE 2P MDI-LE 4P

MDI-LE RESIDUAL CURRENT CIRCUIT BEAKER

Application:

All the RCCBs are protected against transient voltages (lightning, line disturbances) and transient currents (from high capacitive circutive circuits) DC sensitive RCCBs or time delay devices are available , please consult us you also have the possibility to install the following accessories: eletrical cover kit locking kit.

Pole: 2P ,4P

Current rated: 16A,25A,40A,63A,80A,100A

Leakage Action Current: 10mA,30mA,100mA,300mA,500mA

GF7 RESIDUAL CURRENT DEVICE

Application

The RCCB conform with the standards of IEC1008, GB 16916, and BS 4293, The RCCB can cut off the fault circuit immediately on the shock hazard or earth leakage of trunk, Thus it is suitable to avoid the shock and fire caused by earth leakage.

The RCCB is mainly suitable for use in variety of plants and enterprises, construction, commerce, guesthouses and families . It can be used in circuit single phase 230V , three phase 400V 50 to 60Hz.

RCCB is not suitable for use DC pulse system.

Technical Data

Standard:IEC1008-2-1

Rated Voltage (Un):2 pole:230V AC 4 pole:400V AC

Rated current (In):25,40,63A

Rated Residual Operating Current(I Δ n):30,100,300,500mA

Residual Current Off-time:=0.1S

Minimum Value of Rated Making and Breaking Capacity(I_m):63A

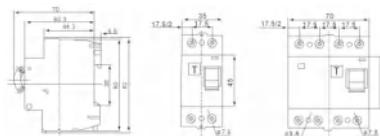
Rated Conditional Short-circuit Current(Inc):

In=25,40A Inc=1500A In=63A Inc=3000A

Endurance: On load:2000cycles off load: 2000cycles

Installation: On symmetrical DIN rail Panel mounting

Dimension(mm)



GB015-1P

GB015-63LE ELECTRONIC LEAKAGE CIRCUIT BREAKER

Application

GB015-63LE earth leakage circuit breaker is used for the protection, against electrical leakage in the circuit of 50Hz or 60Hz, rated voltage single-phase 230V, 3 phase 415V, rated current up to 60A. When somebody gets an electric shock or the residual current of the circuit exceeds the fixed value, the ELCB can cut off the power within the time of 0.1s automatically protecting the personal safety and preventing the equipment from the fault resulted from the residual current. With this function, the ELCB can protect the circuit against overload and short circuit or can be used for the unfrequent switch over of the circuit under normal conditions.It conforms to IEC60898 & IEC1009-2-2.

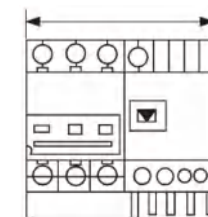
Specification

Rated Voltage (V)	Pole No	Rated current (A)	Leakage action current (mA)	Leakage action time(s)
230V	1P	1~10	30,50,	<0.1
400V	2,3,4P	15~32	100,300,	
		40~60	500	

a.TH35-7.5 rail is used for the product installation.

b.Outline and installation dimensions(see the figure and the table)

Type	Dimensions				
	A	B	C	D	E
GB015-63LE/1N	46	70	40	45	94
GB015-63LE/2	64	70	40	45	94
GB015-63LE/3	91	70	40	45	94
GB015-63LE/3N	100	70	40	45	94
GB015-63LE/4	118	70	40	45	94



GB015-2P



GB015-4P



DZ60L RESIDUAL CURRENT CIRCUIT BREAKER

Application

DZ60L RCBO is used for the protection against earth leakage in circuit of 50/60Hz, rated voltage 400V and rated current up to 40A. When somebody gets an electric shock or residual current of the circuit exceeds fixed value, the DZ60L can cut off the power within conventional time automatically and thus ensures personal safety and prevents equipment form damage resulted from residual current. With this function, the DZ60L can be used for the infrequent switch over of the circuit under normal condition.

This item can be used to protect household and similar installation.

The product conforms to IEC1009-1 and GB6829-95 standards.

Main Specification:

Rated current: 1A, 2A, 3A, 4A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A

Rated residual operating current: 30mA, 100mA, 300mA

Pole /wire number: a. 1 pole/2 wire b. 2 pole c. 3 pole d. 3 pole/4 wire e. 4 pole

Instantaneous trip: B type(3~5In), C type(5~10In), D type(10~14In)

Technical Data

Rated short circuit capacity Im:6000A

Rated residual operating current and breaking capacity I Δ m:500A

Rated non-tripping residual current I Δ no: 0.5I Δ n

Over Current Protection Characteristics

NO.	Rated tripping current	Initial status	Testing current	Specified time	Expected results	Remarks
1	1~40	cold	1.13In	T ≥ 1h	Non-tripping	
2	1~40	After the previous test	1.45In	T < 1h	Tripping	
3	In = 32	cold	2.55In	1S < t < 60S	Tripping	Increase to fixed value within 5 seconds
	In > 32			1S < t < 120S		
4	1~40	cold	3In	T ≥ 0.1S	Non-tripping	B type
			5In	T < 0.1S	Tripping	
			5In	T ≥ 0.1S	Non-tripping	C type
			10In	T < 0.1S	Tripping	
			10In	T ≥ 0.1S	Non-tripping	D type
			14In	T < 0.1S	Tripping	



WP SERIES WEATHER PROTECTED ISOLATING SWITCHES

Weather Protected

The WHS/WHT Series of Weatherprotected Isolating Switches is a robust range of Switches suitable for virtually any external application. Included in the range are single, Double and triple pole switches from 20 to 80 Am-ps. The base mounted mechanism provides for easier termination and more wiring room. Switch dimensions are 165x82mm. With an overall height of 85mm.

Isolating Switches

Fixed Earth and Neutral connector bars with dual clamping screws per tunnel provide equal stripping lengths and secure clamping for all cables. Terminal bore size 5x6.6mm.

A safety feature for mounting switches to metal structures is the insulating caps that cover base mounting screws to totally protect them from any live cables.

Products Available	Phase & Voltage	IP Rating
1P20A	20A 250V Single pole surface switch. Terminals accommodate 16mm ² cable. M Rating 220.	56
1P35A 1P63A	35A/63A 250V Single pole. Terminals accommodate 16mm ² cables. M Rating 220.	56
2P-20A	20A 440V Double Pole. Terminals accommodate 16mm ² cables. M Rating 180.	56
2P-35A	35A 440V Double Pole. Terminals accommodate 16mm ² cables. M Rating 180.	56
2P-63A	63A 440V Double Pole. Terminals accommodate 25mm ² cables. M Rating 160.	56
3P-20A	20A 440V Triple Pole. Terminals accommodate 16mm ² cables. M Rating 180.	56
3P-35A	35A 440V Triple Pole. Terminals accommodate 16mm ² cables. M Rating 180.	56
3P-63A	63A 440V Triple Pole. Terminals accommodate 16mm ² cables. M Rating 160.	56



3kA-4.5kA
RGLE-32



6kA
RGLE1-40



6kA
RGLE2-40

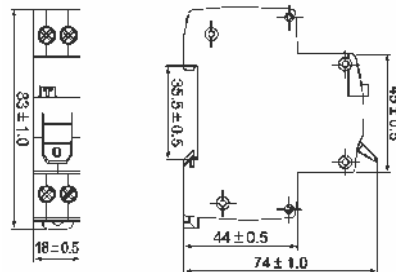


EARTH LEAKAGE CIRCUIT BREAKER (RCBO)

Scope of Application

RGLE-32, RGLE1-40, RGLE2-40 earth leakage circuit breakers are mainly applied to the AC 50Hz/60Hz circuit rated 240V and 32A or below. They have the electric leakage (electrification), overload, short circuit and so on protection functions. The over voltage protection function can also be provided upon requirements. They are mainly used to protect the building illumination and power distribution system.

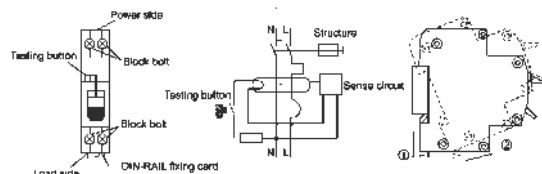
Dimension And Mounting



Installation and wiring diagram

Please read carefully before installation, so as to install correctly.

Part name Circuit diagram Teardown method



- ① Pull down the DIN-RAIL fixing card
 - ② Incline and put up the RCBO
- Note:** It will be locked when pull out the Inside before you re-install the RCBO to DIN-RAIL.e DIN-RAIL fixing card, therefore, you should push the RCBO

EARTH LEAKAGE CIRCUIT BREAKER (RCBO)

Main Technical Parameters

Rated voltage (V)	Rated current (A)	Rated residual operating current I_{n} (mA)	Rated residual non-operating current I_{no} (mA)	Breaking times (S)				Rated short-circuit breaking capacity(A)	Rated residual breaking capacity(A)
				I_n	2 I_n	0.25A	500A		
240	6,10,16,20,25,32,40	30,100	15,50	0.1	0.05	0.04	0.04	3000,4500,6000	500

While RCBO in the normal usage condition and temperature is 30℃-50℃, over-current motion characteristic see following table:

Rated current I_N (A)	Testing current(A)	Starting condition	Testing time(t)	Testing result	Note
6, 10, 16, 20, 25, 32, 40	1.13 I_N	Cold	$\geq 1h$	Non-motion	Current will rise to rated value steadily within 5s
	1.45 I_N	Hot	$< 1h$	Motion	
	2.55 I_N	Cold	1~60s	Motion	
	5 I_N	Cold	$\geq 0.1s$	Non-motion	
	10 I_N	Cold	$< 0.1s$	Motion	

The RCBO's residual current protection characteristic see following table:

Rated residual operating current I_{n} (mA)	Rated residual non-operating current I_{no} (mA)	Maximum breaking time
30,100	15,50	0.1

Normal Operation Conditions

1. Ambient Air temperature: Ambient air temperature ranges from -5℃~+40℃, not exceeding 35℃ Averagely in 24 hours.
2. Location: Installation location can not exceed 2000meters above sea level.
3. Air conditions: Relative humidity in the installation place can not exceed 50% when the air reaches the highest temperature +40℃, the average minimum temperature when it is the wettest can not exceed 20℃, Relative humidity not exceeding 90%.
4. Installation Conditions: Installation is divided into grade III.
5. Installation Pollution Grade: Installation pollution grade is grade II.
6. Installation Conditions: Magnetic field outside the installation place can not exceed 5 times of the site of terrestrial magnetism in all direction. Normally speaking, RCBO should be mounted vertically. If the operation handle puts through power source upward, there should be no notable impact and vibration in the installation place.

Notice

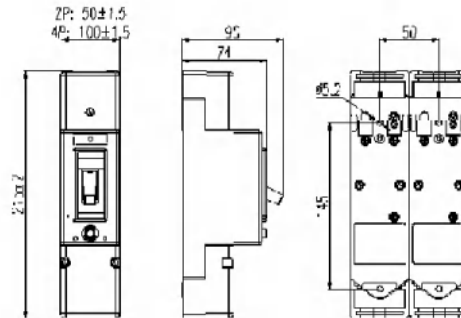
1. Leakage protection function of RCBO is tested and adjusted by the manufacture, users can not open the products at random during usage.
2. After using RCBO for a certain time (normally one month), test button should be pressed once in a state of making the circuit to check whether the function of RCBO is normal and reliable (press test button once, the RCBO can break off once). If abnormal, it should be unloaded and sent to the manufacturer for repair.
3. RCBO must not be wetted or soaked by rain, snow or water during the course of transportation, storage and usage.



612(1Phase 2pole)

EARTH LEAKAGE CIRCUIT BREAKER

Number of poles: 2P, 4P
 Rated voltage: 240V/400V,
 Rated Current :6-63A
 Residual operating current: 500mA, 300mA
 $I_{cu} = I_{cs}$
 Overall and mounting dimensions



634(3Phase 4pole)

FUSE 16~160A HRC FUSE HOLDDER 3PHASE

MGT type fuse switch disconnectors are manufactured with the use of materials and technology which are not harmful to the natural environment.

Obligatory regulations regarding protection of the environment should be respected. The product utilized should be dismantled and metal parts should be apart from plasticones. Useless metal parts should be segregated to non-ferrous metals and others and they are to be scraped. Plastic parts which can be recycled should be sent to recycling company. Plastic parts which cannot be recycled should be sent to utilization company. Cardboard packaging and plastic bags which are recycled should be sent to recycling companies. In case of any doubts please contact with the manufacturer.



MGT 00



ND20-C

ND20 FUSE COMBINATION SURGE PROTECTOR

- Nominal voltage $U_n(AC)$:380V
- Maximum concession voltage $U_c(AC)$:420V
- Leakage current for each way $I_{le} \leq 20\mu A$
- Break-over voltage $V_{1mA}(DC)$:680V $\pm 10\%$
- Discharge current $In(8/20\mu s) \leq 20KA$ I_{max} :40KA(8/40us)
- Protection level $Up(40KA)$: $\leq 2.0KV$
- Response time t_a : $\leq 25ms$
- Insert line sectional area S : $4 \leq S \leq 35mm^2$
- Keep characteristic way:Voltage limiting type
- Port way:Crimp terminal
- Sheating materia:Flame-retardant PC plastic
- Operating temperature:-40~+85°C
- Dimension:72x111.5x72.8mm
- Alarm termianl can be equiped if needed
- Code:ND20-C/ND20-B



ND20-B

ND20 POWER SURGE PROTECTOR

Technical parameters

Mode Index	ND20/ □-140	ND20/ □-275	ND20/ □-320	ND20/ □-385	ND20/ □-420
Maximum continuous operating voltage U_e	140V	275V	320V	385V	420V
Voltage protection level	0.8kV	1.2kV	1.5kV	1.8kV	2.0kV
Nominal discharge current	10	10	10	10	10
Maximum discharge current	20	20	20	20	20
Response time ns	<25				
Test level	III				
Width mm	18				
Color	Yellow				
Protection grade	Ip20				
Shell material	Reinforced flame retardant PBT				
Ambient temperature	-40°C~+85°C				
Fuse or circuit breaker(A)	20A				
Line specification	Phase line, a zero line	2.5~35mm ²			
	Ground wire	4.5~35mm ²			
	Signal line	1.5mm ²			



ND20-C



ND20-C



ND20-B



ND20-B

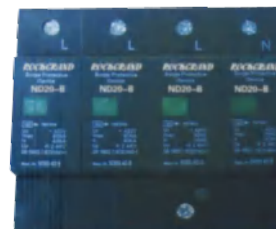
POWER SURGE PROTECTOR

Serial No.	Mode	Pole No.	Uc (V)	In (kA)	I _{max} (kA)	Up (kV)	Use
1	ND20-C/1-140	1	140	10	20	<0.8	
2	ND20-C/1-275	1	257	10	20	<1.2	
3	ND20-C/1-320	1	320	10	20	<1.5	
4	ND20-C/1-385	1	385	10	20	<1.8	
5	ND20-C/1-420	1	420	10	20	<2.0	
6	ND20-C/2-140	2	140	10	20	<0.8	
7	ND20-C/2-275	2	275	10	20	<1.2	
8	ND20-C/2-320	2	320	10	20	<1.5	
9	ND20-C/2-385	2	385	10	20	<1.8	
10	ND20-C/2-420	2	420	10	20	<2.0	
11	ND20-C/2Q-385	3	385	10	20	<2.0	
12	ND20-C/3N-275	3	275	10	20	<1.2	
13	ND20-C/3N-320	3	320	10	20	<1.5	
14	ND20-C/4-275	4	275	10	20	<1.2	
15	ND20-C/4-320	4	320	10	20	<1.5	
16	ND20-C/4-385	4	385	10	20	<1.8	
17	ND20-C/4-420	4	420	10	20	<2.0	

POWER SURGE PROTECTOR

Technical parameters

Index	Mode	ND20/ □-140	ND20/ □-275	ND20/ □-320
Maximum continuous operating voltage U _e		320V、385V、420V		
Nominal discharge current		40kA		
Maximum discharge current		80kA		
Voltage protection level		2.0kV		
Response time t		<25ns		
Test level		I		
Protection grade		Ip20		
Ambient temperature		-40℃~+85℃		
Fuse or circuit breaker(A)		63A~100A		
Color	Modular	Orange red		
	Base	Gray		
Shell material		Reinforced flame retardant PBT		
Line specification	Phase line, a zero line	2.5~35mm ²		
	Ground wire	4.5~35mm ²		
	Signal line	1.5mm ²		
Annex		Can add another remote electric shock		



ND20-B



ND10-C



ND10-C

POWER SURGE PROTECTOR

Serial No.	Mode	Pole No.	Uc (V)	In (kA)	I _{max} (kA)	Up (kV)
1	ND20-80/3-385	3	385	80	2.5	<0.8
2	ND20-80/3N-385	4	385	80	2.5	<1.2
3	ND20-80/4-385	4	385	80	2.5	<1.5
4	ND20-80/3-420	4	420	80	3.0	<1.8
5	ND20-80/3N-420	4	420	80	3.0	<2.0
6	ND20-80/4-420	4	420	80	3.0	<0.8

Note

Maximum continuous operating voltage U_e:U_e 320V、385V、420V

Test level: I

Voltage protection level: Up<2.0、2.5、3.0kV

Maximum discharge current(8/20us): I_{max} 60、80、100KA

Nominal discharge current(8/20us): In30、40、60KA

POWER SURGE PROTECTOR

Protection for the normal working conditions:

Code:ND10-C

a.Altitude not exceeding 2000m

Ambient air temperature:

The normal range: -5 ~ +40℃

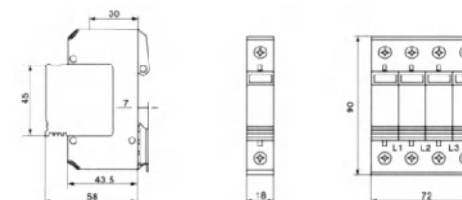
Extended range: -40 ~ +80℃

Relative humidity: room temperature 30%-90%

b.without significant shake and impact vibration of place

c. without the risk of explosion in the medium, and medium non-metal corrosion and damage to the insulation of gas and dust (including conductive dust

Protection outline and mounting dimensions





ND10-B

POWER SURGE PROTECTOR

Outline

ND10-B series surge protective device (hereinafter referred to as SPD) in ChinaAdvanced technology basically developed new replaceable SPD.

SPD is suitable for AC rated voltage below 380V 50/60Hz. Power supply system, the indirect lightning and direct effects of lightning or otherTransient voltage surge protection.

SPD (MC) with common mode and differential mode (DC) protection means.

SPD conform GB18802.1/IEC61643-1.

Main technical parameters

Model Specification	ND10-B/100				ND10-B/80				ND10-B/60				ND10-B/120			
Grid operation voltage Un(V)	2P1P+N	4P3P+N	2P1P+N	4P3P+N	2P1P+N	4P3P+N	2P1P+N	4P3P+N	2P1P+N	4P3P+N	2P1P+N	4P3P+N	2P1P+N	4P3P+N		
Maximum continuous operating voltage Uc(V)	275/420	275/420	140/275	275/420	140/275	275/420	140/275	275/420	275/420	275/420	275/420	275/420	275/420	275/420		
Voltage protection level Up(kV)<	2.8/3.0				2.4				2.4				3.0/3.5			
Maximum discharge current	100				80				60				120			
Nominal discharge current	60				40				30				80			
Response time ns	<25															
Protection class	IP20															
Use	Line Protection															

Working Principle

Built-disconnector SPD failure due to overheating, breakdown, detachment can automatically be separated from the power line, and at the same time give an indication signal.Normal operating window visual display of white, red display after failure and separation.

Installation

The LPZOB, or LPZ1 area with LPZ2 area at the junction with 35mm standard rail installation, connected to a copper wire of 2.5-35mm².

SPD per pole must be set to protect a fuse or miniature circuit breakers.

Users can root needs, free combination into a single-phase or four-phase surge protector



ND15-B

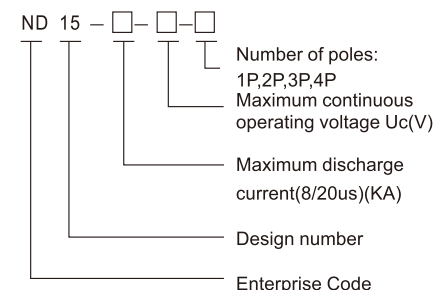
POWER SURGE PROTECTOR

Outline

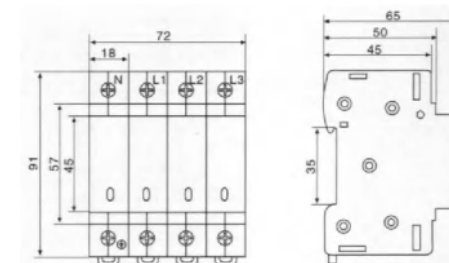
ND15-C series surge protector (hereinafter referred to as SPD) suitable for AC 50/60Hz.Rated voltage to 380V of IT, TT, TN-C, TN-S, TN-CS.Such as power supply system, the impact of indirect lightning and direct lightning or other transient voltage surge protection, a lightning protection system device applied to the high risk of lightning region A surge protector in accordance with the standard of IEC 61643-1: 1998-02, Class B surge protector.

SPD in line with the G B18802.1/IEC61643-1.

Model and meaning



Dimensions



Main technical parameters

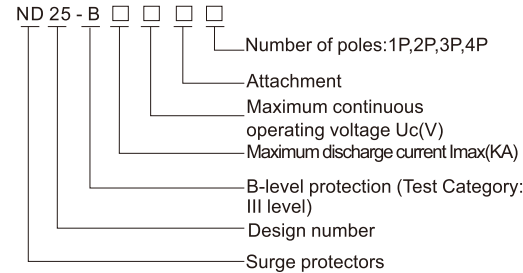
Model Specification	ND15-D/15	ND15-C/40	ND15-B/65
Grid operation voltage Un(V)	380	380	380
Maximum continuous operating voltage Uc(V)	420	420	420
Voltage protection level Up(kV)<	≤ 1.8	≤ 1.8	≤ 1.8
Maximum discharge current	15	40	65
Nominal discharge current	8	20	35
Response time ns	<25		
Protection class	Ip20		
Installation	35mm Track		
Case Material	Flame-retardant PC		
The remote tele signalling Contact Type	Normally open contact		
Terminal performance	AC220V 1A DC30V 1A COSΦ=1		
The terminal conductor cross-section of the remote signaling	1.5mm ² Single strand/double strand		



ND25-B

ND25-BSURGE PROTECTORS

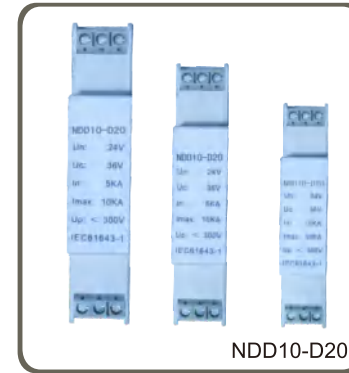
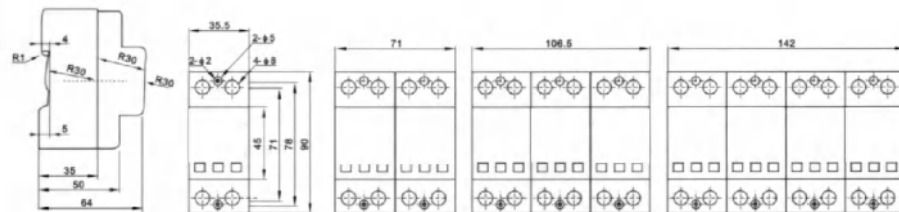
Model and meaning



Main technical parameters

Model Specification					
Grid operation voltage $U_n(V)$	200V 380V	220V 380V	220V 380V	220V 380V	220V 380V
Maximum continuous operating voltage $U_c(V)$	385V 420V	385V 420V	385V 420V	385V 420V	385V 420V
Voltage protection level $U_p(kV)$	≤ 4.0 ≤ 4.5	≤ 3.4 ≤ 3.7	≤ 2.8 ≤ 3.2	≤ 2.4	≤ 1.8 ≤ 2.2
Maximum discharge current	150	120	100	80	
Nominal discharge current	100	80	60	40	
Response time ns	< 100				
Access wire cross-sectional area $L/N(mm^2)$	20, 35	16, 25	16, 25	16, 25	
Access ground wire cross-sectional area $PE(mm^2)$	35	20, 35	25, 35	25, 35	
Fuse or circuit breaker selection	63A, 35A	63A, 100A	63A, 100A	63A	
The cross-sectional area of the communication, alarm line	≥ 1.5				
Work environment	$-40^\circ C \sim +85^\circ C$				
Relative humidity	$\leq 95\%$				
Installation	Standard to the track				
Case Material	Glass fiber reinforced plastic				

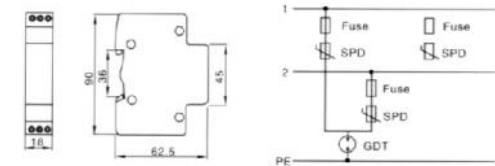
Dimensions



NDD10-D20

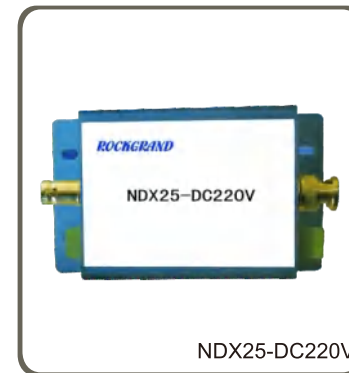
POWER MINE

Model Specification	NDD10-D20			
Grid operation voltage $U_n(V)$	5	12	24	48
Maximum continuous operating voltage $U_c(V)$	8	18	36	75
Voltage protection level $U_p(kV)<$	<300	<350	<400	<500
Nominal discharge current (kA)	5			
Maximum discharge current (kA)	10			
Connection	Terminal Blocks			
Response time ns	<25			
Case Material	Reinforced and flame retardant dragon (flame retardant VO level)			
Installation	35MM standard rail mounting			
Then recommended grounding wire interface	1mm ² shares soft wire			



AC / DC-POWERED SURVEILLANCE CAMERAS SURGE PROTECTOR

Model Specification	NDX25	
Function	Video / power / control	
Power protection parameters		
Maximum continuous operating voltage	320V	40V
Load current	10A	5A
Limit voltage	900V	75V
Nominal discharge current	5kA	5kA
Maximum discharge current	10kA	10kA
Audio/video parameters		
Maximum continuous operating voltage	8V	
Limit voltage	15A	
Nominal discharge current	5kA	
Maximum discharge current	10kA	
Maximum transfer rate	10MHz(Insertion Loss<0.2dB)	
PTZ control video signal protection parameters (SV-3 have)		
Maximum continuous operating voltage	8V	
Limit voltage	15A	
Nominal discharge current	5kA	



NDX25-DC220V



NDX21-RJ45

AC / DC-POWERED SURVEILLANCE CAMERAS SURGE PROTECTOR

Application

NDX21-RJ45 series signal surge protector (hereinafter referred to as SPD) apply to the Modem, DDNLine, fax machine, telephone circuit to prevent the indirect lightning or direct lightning impact, networkOvervoltage signal equipment damage.

NDX21-RJ45 series signal surge protector (hereinafter referred to as SPD) applies to the computer network(Ethernet, LAN, Token Ring), servers, routers, HUB, broadband, crude protectionThe fine protection fine protection function can meet the range of anti-surge protection, protection of the RJ45 interfaceElevated to prevent Corner potential or the line induced overvoltage signal equipment damage.

Dimensions



COAXIAL COMMUNICATION SIGNAL SURGE PROTECTOR



NDX11-BCN/75D5

Model Specification	NDX11
Interface type	N/F/BING/TNC
Operating voltage	24V
Maximum continuous operating voltage U _c (V)	30V
Nominal discharge current (8/20 μs) I _n (kA)	10kA
Characteristic impedance	50/75 Ω
Insertion Loss	≤0. 1dB
Limit voltage	<120V
Failure mechanisms	Communication lines to short-circuit
Remark	Housing ground



RGC20

TIME SWITCH

24hours time switch

- EASY to program
 - Directly at DIN rail 54x60mm
 - Programming resolution of 15 minutes/30 minutes
 - Manual ON/OFF/AUTO override
 - SODT 16A (Resistive load)/switch
 - LCD display with backlight
- Code:**RGC20



RGC15A

RGC15

Weekly Programmable Time Switch

- 8 time/week or day
- SPDT 16A(Resistive load)/switch
- LCD display
- DIN rail 36x60mm

Code:RGC15/RGC15A



RGC8A-1a

RGC8A-2a

Weekly Programmable Time Switch

- 8 time/week or day
- 25A 250VAC(1a)
- LCD display
- DIN rail 50x60mm
- 2 channel each 4time/week or day
- 25A 250VAC(2a)
- LCD display
- DIN rail 50x60mm

Code:RGC8A-1a

Code:RGC8A-2a



RGC15B

Astronomical Time Switch

- Automatically adjust on & off set according to different latitude zone,
 - different seasons and different sunlight shining time
 - Solar time switch
 - Directly at DIN rail 36x60mm
 - Manual ON/OFF/AUTO override
 - SPDT 16A(Resistive load)/switch
- Code:**RGC15B



RGC1Y-S

TIME SWITCH

Water Level Control

- Automatic water supply
- Code:**RGC1Y-S



RGC1Y-SD

RGC1Y-T

Water Level Control

- Automatic water supply and drainage control
- Code:**RGC1Y-SD
- Two pumps alternation really
- Code:**RGC1Y-T



DP15

Digital Panel Meter

- 3 1/2 digit LCD display
- Directly at DIN rail 36x60mm
- Measure range: A-5-2000A(select Inside)
- V-2-600V(select Inside)

Code:DP15



RGC18

RGC19

Staircase Light Time Switch

- 0.5m~20m
- 16A 250VAC(Resistive Load)
- Directly at DIN rail 18x60mm
- Code:**RGC18

Timer

- Directly at DIN rail 24x60mm
- 0.1s~10h(three type)
- Contact: 1c 3A 250VAC(Resistive Load)
- Power: AC/DC 100~240V
- Code:**RGC19



RSTB

TIME SWITCH

Detect Faulty Phase Sequence/ Total Loss of Phase(S)

- Monitoring of rotation direction of phases
- Detection of complete failure of one or more of the phases
- Under voltage detection(-10%)
- Over voltage detection(+10%)
- Detection of phase asymmetry(imbalance)(± 10%)
- Adjustable time delay from 0.1s to 10s.

Code:RSTB



RSTC

- Directly st DIN rail 24x60mm
- RSTC is a 3-phase monitor designed to detect
- *Wrong phase sequence
- *Total absence of one,two or all three phases
- The RSTC measures on its own 3-phase power supply and
- operates when both conditions exist.

Code:RSTC



C19-Y

Star Delta Start Timer

- Adjustable time from 1s~100s.
- SPDT 10A 250VAC(Resistive load)switch
- Directly at DIN rail 24x60mm

Code:C19-Y



DGD7

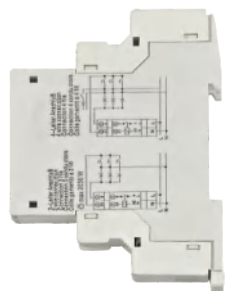
DGD7 TIME DELAY SWITCH

Application:

DGD7 time delay control switch is used in AC circuit with 50Hz/60Hz, 250V, rated current less than 16A to break lighting and electrical appliance automatically. It mainly used to control the corridor and stairs lighter of dwelling and commercial building.

Features:

- The connection way and time of delay can be adjusted freely. It has two choices of function device, turning on forever and time delay break. The time of time delay break device can be adjusted between 0.5~12min.
- It is convenient to use, act automatically and saving energy. It will light once we choose the time delay break button, and it will break automatically after we leave.
- One time delay switch can control 100pcs 20W lamp at the same time.
- Easy mounting. The mounting way is standard rail way mounting same as MCB. It can be mounted in consumer box together with MCB.



Technical data:

Rated Voltage U_i (V)	50Hz/60Hz
Rated current(A)	16A
Delayed time range	0.5~12MIN
Max power	2000W

Configuration and Mounting Dimensions:



G2PT

DIN RAIL SOCKET

G2PT

Nominal current	16A
Nominal voltage	250V
Number of modules	2.5

Edged with child protection
Edged without child protection



F2PT

F2PT

Nominal current	16A
Nominal voltage	250V
Number of modules	2.5

Pin with child protection



AC-1 10/16A



AC-2 16A



AC-3 16A



AC-4/3 25A



AVS5A FRIDGEGUARD

Nominal Voltage	230V
Current Rating	5Amps
Frequency	50/60Hz
Under-Voltage Disconnect	185V
Under-Voltage Reconnect	190V
Spike Protection	160J
Wait Time	90seconds



AVS5A HIVOLTGUARD

Nominal Voltage	230V
Current Rating	5Amps
Frequency	50/60Hz
Under-Voltage Disconnect	260V
Under-Voltage Reconnect	258V
Spike Protection	160J
Wait Time	30seconds



AVS7A VOLTGUARD

Nominal Voltage	230V
Current Rating	7Amps
Frequency	50/60Hz
Under-Voltage Disconnect	185V/260V
Under-Voltage Reconnect	190V/258V
Spike Protection	160J
Wait Time	30seconds



AVS13 MICRO APPLIANCE GUARD

Nominal Voltage	230V
Current Rating	13Amps
Frequency	50/60Hz
Under-Voltage Disconnect	185V/260V
Under-Voltage Reconnect	190V/258V
Spike Protection	160J
Wait Time(User adjustable)	1.5mins to 3 mials



AVS15 MICRO APPLIANCE GUARD

Nominal Voltage	230V
Current Rating	15Amps
Frequency	50/60Hz
Under-Voltage Disconnect	185V/260V
Under-Voltage Reconnect	190V/258V
Spike Protection	160J
Wait Time(User adjustable)	1.5mins to 5 mials



AUTOMATIC VOLTAGE SWITCHER (AVS13)

Over and under Voltage protection
Protection against:

- High Voltage
- Low Voltage
- Spikes/Surges
- Power-back Surges
- Lightning

Maximum power	13Amps
Wait Time	30seconds or 3minutes
Ldeal For	All electrical and electrcial equipment
Tip	Can protect a number of appliances,using a multi-way socket



AUTOMATIC VOLTAGE SWITCHER (AVS15)

Over and under Voltage protection
Protection against:

- High Voltage
- Low Voltage
- Spikes/Surges
- Power-back Surges
- Lightning

Maximum power	15Amps
Wait Time	30seconds or 5minutes
Ldeal For	All electrical and electrcial equipment
Tip	Rate at amps for use with air-conditioners to 17.500B.T.J



MULTIGUARD

Protection against:

- Surges/Spikes
- RFI/Noise
- Telecom Surges
- Basic Lightning

Maximum power	13Amps
Response Time	<10ns
Ldeal For	All electrical equipment and appliances especially computers,modems,printers, fax machines,PBX,TV,Vide,DVD,HI-FI,etc.



AVS3P AUTOMATIC VOLTAGE SWITCHER 3P

Description:

The AVS30-0 is an Automatic Voltage Switcher designed to protect three phase loads from voltage fluctuations, over voltage, under voltage, surges, dips and frequent start/stops.



DSP DISTRIBUTION SURGE PROTECTOR

Technical Specifications:

Maximum let through voltage (8/20 ms)	750V
Response time	<10ns
Peak discharge current	20kA
Nominal voltage (DSP3P-O)	220/240V
Nominal voltage (DSP3P-O)	380/415V
Total energy (DSP3)	1280J
Total energy (DSP3)	2560J



AVS30 MICRO APPLIANCE GUARD AUTOMATIC VOLTAGE SWITCHER

Nominal Voltage	230V
Current Rating	30Amps
Frequency	50/60Hz
Under/over-Voltage Disconnect	185/260(Mannual Adjustable)
Under/over-Voltage Reconnect	190V/258V
Spike Protection	160J
Wait Time(User adjustable)	10secs to 10mins

AUTOMATIC VOLTAGE SWITCHER (AVS 30)

Over and under Voltage protection
Protection against:

- High Voltage
- Low Voltage
- Spikes/Surges
- Power-back Surges
- Lightning

Maximum power	30Amps
Ideal For	Air-conditioner, large fridge/freezers, whole office, and complete circuits
Tip	Rate at 30 amps for use with air-conditioners. Direct wiring adds security of installation



FREOGUARD

Description:

Voltage protection for all fridges, freezers, and coolers. Provides complete voltage protection for fridges and freezers from all power supply fluctuations. Motors generally, and refrigeration compressors specifically are susceptible to damage from under voltage. The motor (particularly the compressor in a refrigeration system) draws more current to compensate for the lower mains supply voltage, burning out its windings, or at least reducing its useful life.



A/C GUARD

Nominal Voltage	230V
Current Rating	16, 20, or 25Amps
Frequency	50/60Hz
Under/over-Voltage Disconnect	185V/260V
Under/over-Voltage Reconnect	190V/258V
Spike Protection	160J
Wait Time	4 minutes

KINETICS 800A AVR

Model		
power Rating	800VA	
Output Voltage	220VAC	230VAC
Output Waveform	Sinewave	
Output Regulation	±8%	
Input Voltage Range	185-260 AV	195-270 AV
Operating Frequency	50/60Hz	
Operating Temperature	0°C-40°C	
Operating Humidity	<90% without condensation	
Altitude	<1000m above sea level;	
Surge Protection	Phone/Fax/Modem/Internetline(2wires,RJ11)	
No. of Outlet Sockets	3	
Dimensions WxHxD(mm)	183x183x75x151	
Weight(kg)	1.75	





SUNSAVER CONTROLLER

SUNSAVER	SS-6	SS-6	SSD-25RM
Rated Solar Current	6.5A	10A	20A
Rated Load Current	6.5A	10A	20A
System Voltage	12V	12V or 24V	12V or 24V



SUNLIGHT CONTROLLER

SUNLIGHT	SL-10	SL-20
Rated Solar Current	10A	20A
Rated Load Current*	10A	20A
System Voltage	12V or 24V	12V

*low voltage disconnect included on all SunLight controllers



PROSTAR CONTROLLER

PROSTAR	PS-15	PS-30	PS-15M-48V
Rated Solar Current	15A	30A	15A
Rated Load Current*	15A	30A	15A
System Voltage	12/24V	12/24V	48V



E Series | Cable Gland Accessories



FG

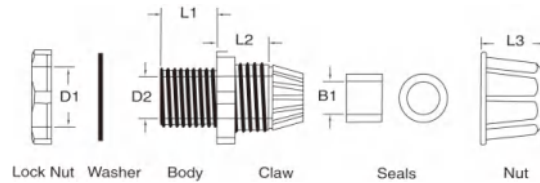
METAL FITTINGS OF TERMINAL

FLEXIBLE	GLAND
FG12	Φ 12mm
FG14	Φ 14mm
FG16	Φ 16mm
FG20	Φ 20mm
FG25	Φ 25mm
FG32	Φ 32mm
FG40	Φ 40mm
FG50	Φ 50mm
FG63	Φ 63mm



MG

MG CABLE GLAND



Unit:mm

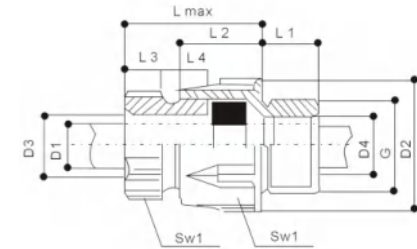
Item NO	Mounting Hole D1 (mm)	D2(mm)	B1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Cable Range	Packing
G-M12	12	8.3	5.0	7.9	12.1	13.3	3~6.5	50pcs
G-M16	16	10.9	9.6	14.4	14.4	16.7	5~10	
G-M20	20	14.8	12.9	19.5	19.5	18.4	10~14	
G-M25	25	18.5	16.5	19.5	19.5	22.3	13~18	
G-M32	32	25.9	23.3	20.3	20.3	26.1	18~25	25pcs
G-M40	40	31.4	30.6	23.4	23.4	31.9	22~32	
G-M50	50	41.2	38.2	25.7	25.7	31.6	30~38	10pcs
G-M63	63	54.1	42.4	26.2	26.2	32.6	34~44	

Color: light grey or black



PG

PG1 CABLE GLAND



Color: light grey or black

Type	Sealing Area D 1mm	D2 mm	D3 mm	D4 mm	key Size		L1 mm	L2 mm	L3 mm	L4 mm	Lmax mm
					SW1	SW2					
PG7	3.5-6.5	16.5	7	7	15	13	8	13	5	8.5	23
PG9	4.5-7	21.5	10.2	10.2	19	16	8	14	5	9	25
PG11	5.5-10	25	11.3	11.5	22	19	8	15	5	10	27
PG13.5	9-13	27	11.4	13.5	24	21	9	16	5	10.8	28
PG16	10-14	30	15.8	16.5	27	23	10	16.5	5	12	30
PG21	14-18	37.5	21.2	21	33	30	11	19	6	17	38
PG29	18-25	47.5	30	27.5	42	40	11	20.5	7	18	42
PG36	35-33	58	48	34.5	53	50	12	24	8	17	43
PG42	30-38	65	44.5	40.5	60	55	13	27	9	18.5	48
PG48	37-44	70	50	45.5	65	65	14	27	9	18.5	48



SM5

SHRINKABLE TUBE

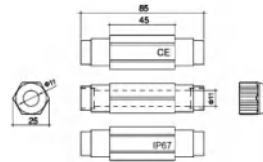
	mm	SET
Sm5 1.5-6	5 x 1.5 - 6	5+1
Sm5 1.5-16	5 x 1.5 - 16	5+1
Sm5 16-25	5 x 16 - 25	5+1
Sm4 6-25	4 x 6 - 25	4+1
Sm4 16-50	4 x 16 - 50	4+1
Sm4 25-95	4 x 25 - 95	4+1
Sm4 35-150	4 x 35 - 150	4+1
Sm4 70-150	4 x 70 - 150	4+1
Sm4 95-300	4 x 95 - 300	4+1



PGEC11

WATERPROOF JOINT(DOUBLE-END CONNECTOR)CONNECTOR

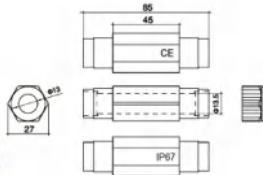
Wiring Size (mm ²)	Outer Diameter(mm)
2 x 0.2	4.2
2 x 0.3	5.0
2 x 0.5	5.8
2 x 0.75	6.0
2 x 1	6.8
2 x 1.5	7.8
2 x 2.5	9.6
2 x 4	11.5
2 x 6	13



PGEC13

WATERPROOF JOINT(DOUBLE-END CONNECTOR)CONNECTOR

Wiring Size (mm ²)	Outer Diameter(mm)
3 x 0.2	4.4
3 x 0.3	5.3
3 x 0.5	6.2
3 x 0.75	6.4
3 x 1	7.15
3 x 1.5	8.45
3 x 2.5	10.4
3 x 4	12.3
3 x 6	13.5

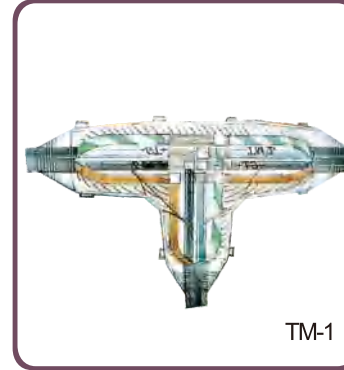


mm11

CABLE JOINT(1.2KV)

Straight type

CL	Dim(Φ)	mm ²	MXV(mm)
MM10	6 - 19	5 x 2.5	160 x 36
MM11	6 - 25	5 x 6	190 x 48
MM12	14 - 35	4 x 16	240 x 50
MM13	16 - 37	4 x 25	270 x 65
MM14	20 - 44	4 x 50	360 x 80
MM15	26 - 52	4 x 95	430 x 95
MM16	35 - 65	4 x 150	530 x 120
MM17	45 - 80	4 x 240	700 x 180



TM-1

Tri-pole Type

TM-1	5 x 1.5-5 x 10	240 x 140 x 10
TM-2	5 x 6-5 x 16	270 x 164 x 77



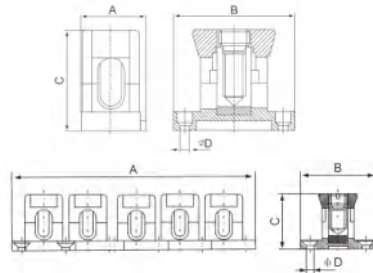


INSULATED STRIP BLOCKS LT-12 POLES ONE-POLE

INSULATED STRIP BLOCKS LT

Technical Data

Built and tested according to UNE-EN60998 Standard.
Insulating part and crews: Polyamide 6 natural colour.
Flammability to UL 94 V2. Continuous working temperature: 115° Short time working temperature: 160° Conductor block and screws; Nickel-plated brass.



Type	Characteristics	dimensiones/dimensions				Sistema ALLEN ALLEN System
		A	B	C	Φ D	
LT-6	Conductor size up to	2×6				
	Voltage rating	500V	188	29	17	3,2
LT-10	Conductor size up to	2×10				
	Voltage rating	500V	224	31	23	3,2
LT-16	Conductor size up to	2×16				
	Voltage rating	500V	260	32	26	3,2
LT-25/35	Conductor size up to	2×35				
	Voltage rating	500V	308	36	34	3,2
LT-50	Conductor size up to	2×50				
	Voltage rating	500V	32	63	48	5
LT-70	Conductor size up to	2×70				
	Voltage rating	500V	34	63	53	5
LT-95	Conductor size up to	2×95				
	Voltage rating	500V	39	63	56	5
LT-120	Conductor size up to	2×120				
	Voltage rating	500V	41	70	61	5

Standard Type: Maximum ambient temperature, T100 according to EN-UNE 60998, natural color



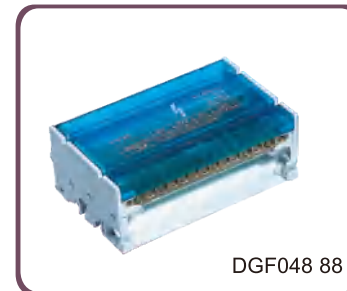
DGF028 84



DGF028 85



DGF028 86



DGF048 88

MODULAR DISTRIBUTION BLOCKS 40-100 TO 400A

Connection with or without ferrules
Supplied with insulated back plate and transparent protective front cover, self-extinguishing 960 mounting methods:

on rail

on plate with 2 screws

When installing under a front plate, a blanking plate can be clipped onto the front plate

Insulation protection on each bar

Each bar can be labelled using cab 3™

Conform to standard EN60947-1

ICC: 20kA peak

Double pole

Dimensions W x H x L (mm)	Number of connections per busbar	Number of . Φ 5mm modules
100A 42x44x70	7	4
125A 42x44x140	15	8
Four pole 40A 105x86x50	13	6
100A 86x44x70	7	4
125A 86x44x105	11	6
86x44x140	15	8

(1) ICC: 18 kA peak

(2) FCC: 14 5kA peak



DGF160A

MODULAR DISTRIBUTION BLOCKS 40-100 TO 400A

Connection with or without ferrules
Supplied with insulated back plate and transparent protective front cover, self-extinguishing 960 mounting methods:

- on rail 
- on plate with 2 screws

When installing under a front plate, a blanking plate can be clipped onto the front plate
Insulation protection on each bar

Each bar can be labelled using cab 3™

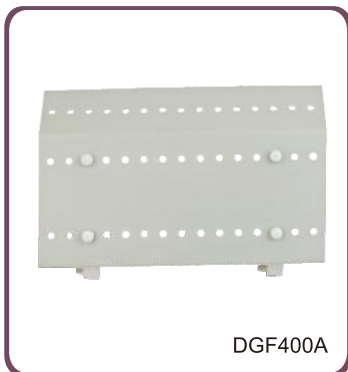
Conform to standard EN60947-1
ICC: 20kA peak



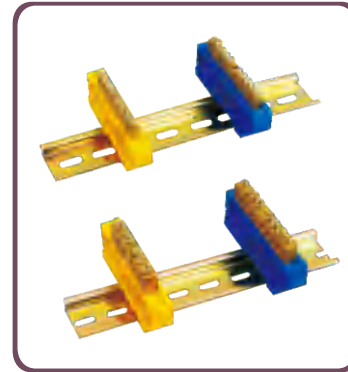
DGF200A

Distribution block Cat. Nos. and number of connections per busbar	Conductors with starfix ferrules X-section (mm²)	Cond. w/out ferr. X-section (mm²)
5xΦ5.3mm 2xΦ7.5mm	1.5 to 6 6 to 16	2.5 to 6 10 to 25
5xΦ5.3mm 2xΦ7.5mm 10xΦ5.3mm	1.5 to 6 6 to 16 10 to 16	2.5 to 6 10 to 25 10 to 35
2xΦ7.5mm 2xΦ9mm	1.5 to 6 6 to 16	2.5 to 6 10 to 25
10xΦ5.3mm 2xΦ7.5mm 2xΦ9mm	1.5 to 6 6 to 16 10 to 16	2.5 to 6 10 to 25 10 to 35
10xΦ5.3mm 2xΦ7.5mm 2xΦ9mm	1.5 to 6 6 to 16 10 to 16	2.5 to 6 10 to 25 10 to 35

160A	4x200A	4x250A	4x400A
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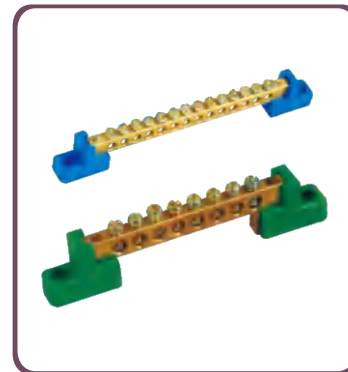
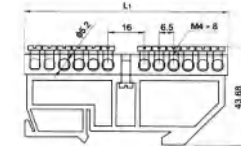


DGF400A

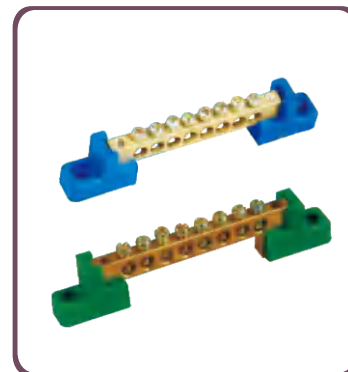
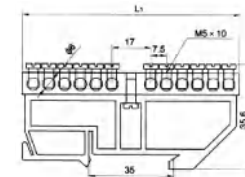


BRASS TERMINAL EARTHING & NEUTRAL LINK(BUSBAR)

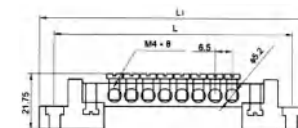
Way	Mm(L)	Mm(L ₁)	mm (Section cross of brass)
4	35X7.5	88.5X12.1	6X9
6	35X7.5	88.5X12.1	6X9
8	35X7.5	88.5X12.1	6X9
10	35X7.5	88.5X12.1	6X9
12	35X7.5	90.5X12.1	6X9
14	35X7.5	103.5X12.1	6X9
16	35X7.5	116.5X12.1	6X9



Way	Mm(L)	Mm(L ₁)	mm (Section cross of brass)
4	35X7.5	88.5X12.1	8X12
6	35X7.5	88.5X12.1	8X12
8	35X7.5	88.5X12.1	8X12
10	35X7.5	88.5X12.1	8X12
12	35X7.5	102X12.1	8X12
14	35X7.5	117X12.1	8X12
16	35X7.5	132X12.1	8X12



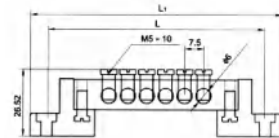
Way	Mm(L)	Mm(L ₁)	mm (Section cross of brass)
4	64.5	76.5X12.5	6X9
6	77.5	89.5X12.5	6X9
8	90.5	102.5X12.5	6X9
10	103.5	115.5X12.5	6X9
12	116.5	128.5X12.5	6X9
14	129.5	141.5X12.5	6X9
16	142.5	154.5X12.5	6X9



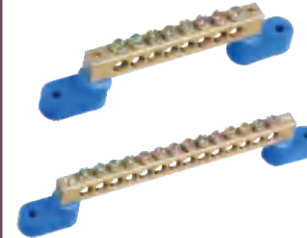
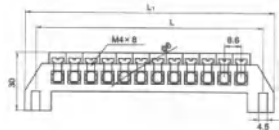


BRASS TERMINAL EARTHING & NEUTRAL LINK(BUSBAR)

Way	Mm(L)	Mm(L ₁)	mm (Sectioncrossof brass)
4	71.5	84.5X12.5	8X12
6	86.5	99.5X12.5	8X12
8	101.5	114.5X12.5	8X12
10	116.5	129.5X12.5	8X12
12	131.5	144.5X12.5	8X12
14	146.5	159.5X12.5	8X12
16	161.5	174.5X12.5	8X12

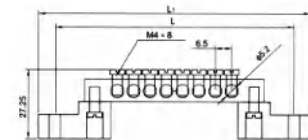


Way	Mm(L)	Mm(L ₁)	mm (Sectioncrossof brass)
4	48.2	59.2X11.2	6X9 8X12
6	65.4	76.4X11.2	6X9 8X12
8	82.6	93.6X11.2	6X9 8X12
10	99.8	110.8X11.2	6X9 8X12
12	117	128X11.2	6X9 8X12

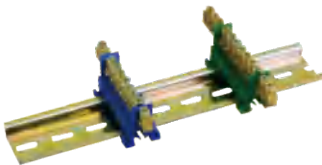
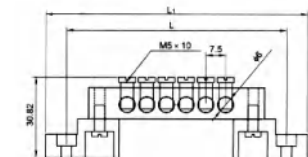


BLOCK SERIES

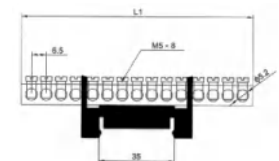
Way	mm (L)	mm (L ₁)	mm (Sectioncross of brass)
4	69.5	82.5X13	6X9
6	82.5	95.5X13	6X9
8	95.5	108.5X13	6X9
10	108.5	121.5X13	6X9
12	121.5	134.5X13	6X9
14	134.5	147.5X13	6X9
16	147.5	160.5X13	6X9

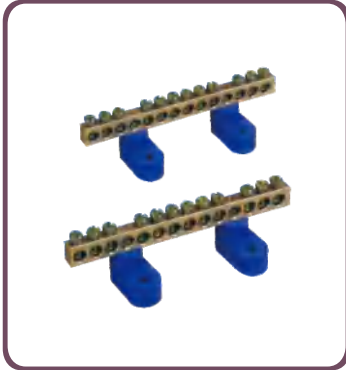


Way	mm (L)	mm (L ₁)	mm (Sectioncross of brass)
4	69	85X15.8	8X12
6	84	100X15.8	8X12
8	99	115X15.8	8X12
10	114	130X15.8	8X12
12	129	145X15.8	8X12
14	144	160X15.8	8X12
16	159	175X15.8	8X12



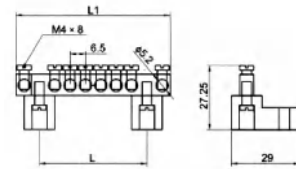
Way	Mm(L)	Mm(L ₁)	mm (Sectioncrossof brass)
7	35X7.5	50X21	6X9
8	35X7.5	57X21	6X9
10	35X7.5	71.5X21	6X9
12	35X7.5	84.5X21	6X9
13	35X7.5	91X21	6X9
15	35X7.5	104X21	6X9



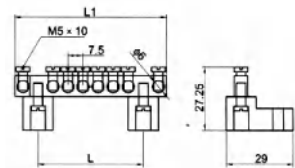


BRASS TERMINAL EARTHING & NEUTRAL LINK(BUSBAR)

Way	mm (L)	mm (L ₁)	mm (Sectioncross of brass)
6	44.5	58.5X29	6X9
8	44.5	65.5X29	6X9
10	44.5	78.5X29	6X9
12	44.5	91.5X29	6X9
14	44.5	104.5X29	6X9
16	44.5	117.5X29	6X9



Way	mm (L)	mm (L ₁)	mm (Sectioncross of brass)
6	52.5	68.5X28.5	8X12
8	52.5	77.5X28.5	8X12
10	52.5	92.5X28.5	8X12
12	52.5	107.5X28.5	8X12
14	52.5	122.5X28.5	8X12
16	52.5	137.5X28.5	8X12



SINGLE HOLE METAL FITTINGS OF TERMINAL

CAT#	A	B	C	D
E805	1.0625	375	0.50	25
E806	1.1563	50	0.5625	25
E807	1.4088	625	0.8125	25
E808	1.4688	525	0.8125	25
E809	2.00	9375	10625	3125
E1810	2.00	8275	10625	3125
E817	2.25	1.125	1.25	3125
E818	2.75	1.125	1.50	375
E1818	2.75	1.375	1.50	375
E819	3.50	1.50	1.75	50
E1820	3.50	1.50	1.25	50

SINGLE HOLE

DAGUAN CAT#	UPC#	AMP RATING	WIRE RANGE MIN	WIRE RANGE MAX	AUNIT CTN	SHIP CASE	WT/ CASE
E805	18160	45	14	6	-	100	2
E806	18170	50	14	2	-	100	2
E807	18180	50	14	1/0	-	50	6
E808	18190	120	14	2/0	-	50	5
E809	18200	275	6	4/0	-	25	3
E1810	18269	275	6	300MCM	10	100	25
E817	18201	375	6	350MCM	-	25	3
E818	18202	500	4	500MCM	-	10	2
E1818	18271	500	9	600MCM	5	50	35
E819	18203	500	350MCM	800MCM	-	5	2
E1820	18272	600	350MCM	10000MCM	6	60	46



DOUBLE METAL FITTINGS OF TERMINAL

CAT#	A	B	C	D
E2807	1.50	1.1875	0.8125	25
E2808	1.50	1.1875	0.8125	25
E2809	2.5625	1.625	1.1875	375

DOUBLE HOLE

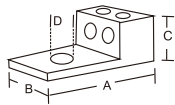
DAGUAN CAT#	UPC#	AMP RATING	WIRE RANGE MIN	WIRE RANGE MAX	AUNIT CTN	SHIP CASE	WT/ CASE
E2807	81830	50	14	1/0	10	100	23
E2808	81831	50	14	2/0	10	100	24
E2809	81832	275	6	250MCM	10	100	26





E2817

DOUBLE METAL FITTINGS OF TERMINAL

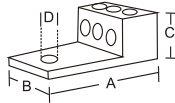


CAT#	A	B	C	D
E2817	2.875	2.9375	1.25	50
E2818	2.375	2.375	1.5625	50
E2819	3.50	2.8125	1.6875	625
E2820	3.50	2.8125	1.6875	625

DOUBLE HOLE

DAGUAN CAT#	UPC#	AMP RATING	WIRE RANGE MIN MAX	AUNIT CTN	SHIP CASE	WT/ CASE
E2817	81833	275	6 250MCM	4	40	20
E2818	81834	375	2 600MCM	4	10	19
E2819	81835	375	300MCM 800MCM	2	20	14
E2820	81836	375	500MCM 1000MCM	2	20	15

TRIPLE METAL FITTINGS OF TERMINAL



CAT#	A	B	C	D
E3806	2.19	1.59	0.62	3125
E3807	2.19	1.94	0.88	375
E3808	4.1875	2.8125	0.8125	50
E3809	4.1875	3.00	1.25	50
E3817	4.1875	3.00	1.25	50
E3818	4.6875	3.75	1.5625	50

SINGLE HOLE

DAGUAN CAT#	UPC#	AMP RATING	WIRE RANGE MIN MAX	AUNIT CTN	SHIP CASE	WT/ CASE
E3806	41175	50	14 #2	10	100	23
E3807	41176	50	14 1/0	10	100	25
E3808	41177	275	6 3/0	10	100	26
E3809	41178	275	6 250MCM	5	50	17
E3817	41188	275	2 350MCM	5	50	16
E3818	41189	375	2 600MCM	5	50	16



E3817

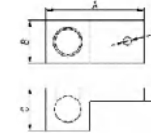


80-4709-7

80-4709-5

ALUMINUM TERMINALS

Model(mm)	A	B	C	D	Explain
80-4709-5	57.15	25.4	25.4	4.7	MTP1/0-250 MCM
80-4709-7	57.15	25.4	25.4	4.7	MTP1/0-250 MCM
80-4709-8	47.6	19	2.8	4.7	MTP8-1/0 AL/CU
80-4709-9	47.6	19	23.8	4.7	MTP8-1/0 AL/CU

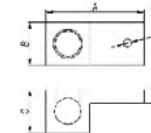


80-4709-8

80-4709-9

ALUMINUM TERMINALS

Model(mm)	A	B	C	D	Explain
80-4709-5	57.15	25.4	25.4	4.7	MTP1/0-250 MCM
80-4709-7	57.15	25.4	25.4	4.7	MTP1/0-250 MCM
80-4709-8	47.6	19	2.8	4.7	MTP8-1/0 AL/CU
80-4709-9	47.6	19	23.8	4.7	MTP8-1/0 AL/CU



BUSBAR SUPPORT

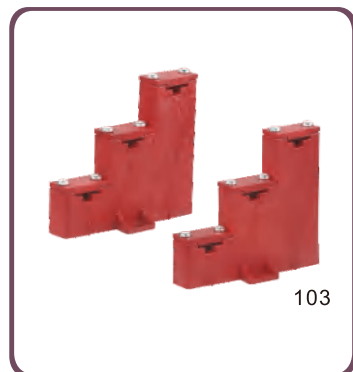
Description: Busbars & Links Accessories

Code: 101/102



101

102



103

BUSBAR SUPPORT

Description: Busbars & Links Accessories

Code: 103



103T

BUSBAR SUPPORT

Description: Busbars & Links Accessories

Code: 103T



NAL5

ACTIVE/NEUTRAL LINKS(NAL 5-14)

Description:

Complete link bar and cover . NAL 5 & 7 complete with a rating of 110A mps and cable max of 16mm². NAL 8 cable max 35mm². NAL 10-14complete with a rating of 110A mps and cable max 25mm².

Code: NAL5,NAL7,NAL8,NAL10,NAL12,NAL14



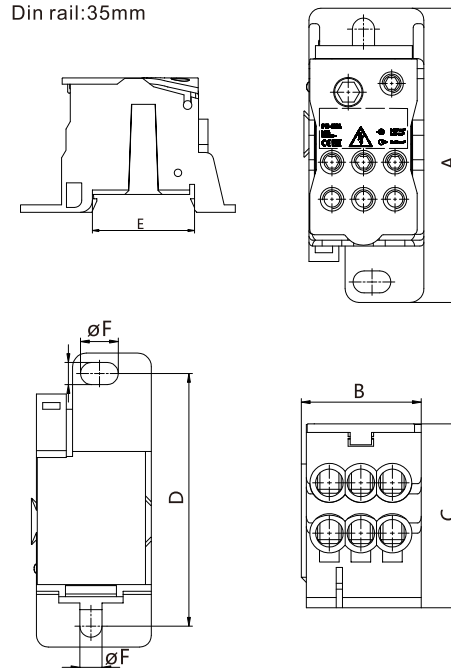
P6-125A

P6-250A

P6-500A

DISTRIBUTION BLOCK

Material:P46
Fire resistance: UI94 V-1
Din rail:35mm



Code	⌀(mm ²)	⌀(mm ²)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	øF(mm ²)
P6-80A	1x16	4x6 2x16	65	30.5	47	53	35	9x5.5 11.3x5.5
P6-125A	1x35 1x16	6x16	74	30.5	47	64	35	9.5x5.5
P6-250A	1x120	2x35 5x16 4x10	96	49	50.5	86	35	8x5.7
P6-400A	1x185	2x35 5x16 4x10	96	49	50.5	86	35	8x5.7
P6-500A	3x15 8x24	2x35 5x16 4x10	96	49	50.5	86	35	8x5.7



F Series | Electrical Fan & Metal Brackets



STYL1

ELECTRICAL FAN

Type	Protok vazduha(m ³ /h)	Pritisak (Pa)	Snaga (W)	Stepen zastite(IP)
STYL1 Φ 100	100	34	15	4X
STYL1 Φ 120	150	49	20	4X
STYL1 Φ 150	280	68	25	4X
STYL1 Φ 200	400	60	35	2X
	280	40	23	2X

Frequency(V/Hz):127/50

Napajanje (V/Hz): 230/50

Colorful:Wooden



STYL2

ELECTRICAL FAN

Description: Without PIR Sensor

Type	Protok vazduha(m ³ /h)	Pritisak (Pa)	Snaga (W)	Stepen zastite(IP)
STYL2 Φ 100	100	34	15	4X
STYL2 Φ 120	150	49	20	4X
STYL2 Φ 150	280	68	25	4X
STYL2 Φ 200	400	60	35	2X
	280	40	23	2X

Frequency(V/Hz):127/50

Napajanje (V/Hz): 230/50



STYL3

ELECTRICAL FAN

Description: Without PIR Sensor

Type	Protok vazduha(m ³ /h)	Pritisak (Pa)	Snaga (W)	Stepen zastite(IP)
STYL3 Φ 100	100	34	15	4X
STYL3 Φ 120	150	49	20	4X
STYL3 Φ 150	280	68	25	4X
STYL3 Φ 200	400	60	35	2X
	280	40	23	2X

Frequency(V/Hz):127/50

Napajanje (V/Hz): 230/50



STYL4

ELECTRICAL FAN

Description: With power fittings(switch)

Type	Protok vazduha(m³ /h)	Pritisak (Pa)	Snaga (W)	Stepen zastite(IP)
STYL4 Φ 100	100	34	15	4X
STYL4 Φ 120	150	49	20	4X
STYL4 Φ 150	280	68	25	4X

Frequency(V/HZ):127/50

Napajanje (V/HZ): 230/50

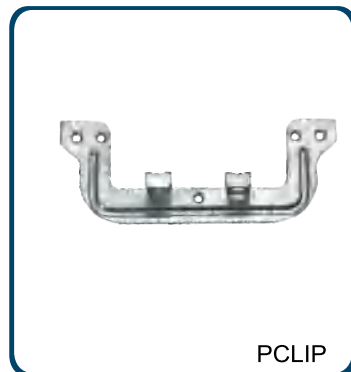
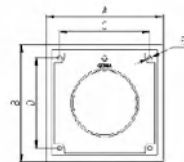


Φ 100—150mm

Φ 100—120mm Φ 100—120mm

THE VENTILATION FANS SUPPORTING BLINDS BREATHABLE BOX

Type	A	B	C	D	E
Φ 100—120mm	141	141	108.5	108.5	Φ 5
Φ 150	176.5	176.5	144.5	144.5	Φ 5

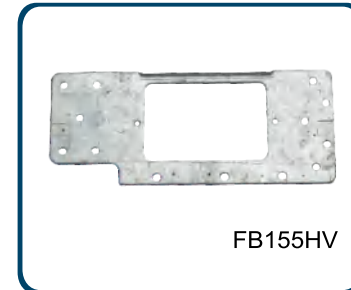


PCLIP

PLASTER CLIP

Description: Metal mounting wallboard clip to suit plaster / stud walls.

Code: PCLIP

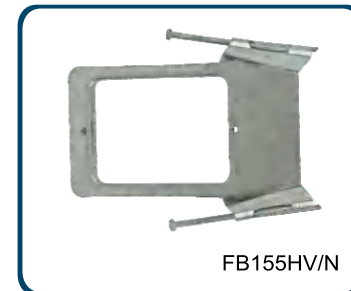


FB155HV

FLAT BRACKET

Description: Metal mounting horizontal / vertical flat bracket to suit plaster & stud walls.

Code: FB155HV

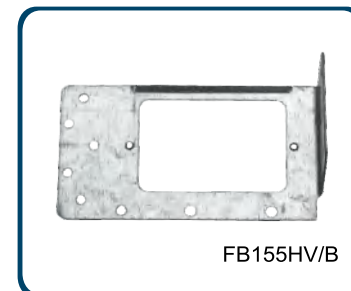


FB155HV/N

FLAT BRACKETS WITH NAILS

Description: Metal mounting horizontal bracket with skew fixing nails to suit plaster / stud walls.

Code: FB155HV/N

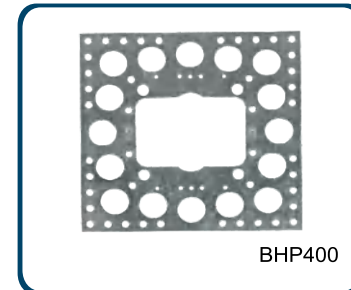


FB155HV/B

STUD BRACKET

Description: Metal mounting horizontal / vertical bracket with 90 degree bend to suit plaster / stud walls.

Code: FB155HV/B



BHP400

BEHIND PLASTER BRACKET

Description: Metal mounting bracket to suit rendered / plaster walls.

Code: BHP400



SAD20

CONDUIT SADDLES

Description: Zinc plated single sided saddles. Available in 16, 20, 25, 32 & 40mm with a 5.5mm fixing hole. SAD20A and SAD25A have a 6.5mm fixing hole.

Code: SAD16, SAD20, SAD20A, SAD25, SAD25A, SAD32, SAD40



DGG-EL3 EMERGENCY LIGHTS

Description: Rated voltage AC240V, built-DC6V rechargeable battery, emergency lighting more than 1 hour.



DOOR BELL

32 MUSIC DOORBELL

Description: Operating voltage: DC3V, The built-in 32 kinds of music, depending on preference, the volume can be adjusted



DGG-1

DGG-2

PASSIVE INFRA RED SENSOR

Description: PIR sensor that continuously scans a specified zone and switches on immediately when detects movement. 240VAC, 1200W, 50Hz. Ambient Light: < 5lux-Daylight. Detection distance is up to 12m.

Code: DGG-1 /DGG-2/DGG-3



DG/DIM450/DE

SIGNATURE & K SERIES DIMMER

Description: Signature 250V 450VA Dimmer control . EMC compliant, Leading and Trailing edge phase control dimmer. Operating voltage range 216V-264V A.C.

Code: DG/DIM450/DE, DG/DIM450/DD

EMERGENCY LIGHT

Description: without Lighting Beard

61701	NP	1h	70lm
61702	NP	1h	100lm
61703	NP	3h	120lm
61705	NP	1h	155lm
61706	NP	1h	210lm
61707	NP	1h	315lm

EMERGENCY LIGHT

Description: with Lighting Beard

61700	NP	1h	35lm



DGG-EL1



DGG-EL2



G Series | Switch Boards & Accessories

DISTRIBUTION BOXES-RECESS TYPE



H-16-2

H-8-2

Description: Complete recess mount board with door, links, pole fillers and backboard. These distribution boxes comply with IEC standards with metal standbase

Item.No.: H-4-2/H-8-2/H-10-2/H-14-2/H-16-2/H-18-2

Protection class: IEC60529 IP44

Fire rating: UL94HB

DISTRIBUTION BOXES-RECESS TYPE



DGG17

Description: Complete recess mount board with door, links, pole fillers and backboard. These distribution boxes comply with IEC standards with metal standbase

Code: DGG9/DGG13/DGG17

SA SERIES PANEL BOX



SA

MATERIAL: ABS cover & base
PC cover with ABS base
PC cover & base

SURFACE: 4,6,8,10,12,18,24,36,48

RECESS: 4,6,8,10,12,18,24,36,48

Code: SA

SURFACE MOUNTING JUNCTION BOXES



Description: PC COVER
IP66

250x200x140

300x250x140



WATERPROOF BOX

Description: 20 ~ 32A, AC250V
IP65

84x84x50

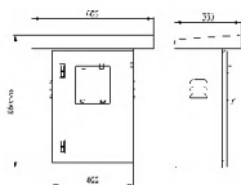
DMC BOX

Description: DMC weatherproof wall mounting enclosure. UV, corrosion and scratch resistant, IP65 rated.

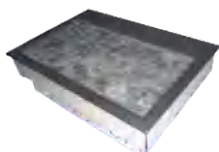
310x240x150 420x315x160
520x450x210 650x510x250
800x600x250 1000x800x250

POWER DISTRIBUTION BOX

Description: Rated operating voltage: AC400V
Rated insulation voltage: AC690V
Rated current: 250A-400A
Protection: IP55



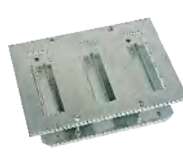
DMC BOX ASSESSORIES



Floor Box



DMC



Three-phase(Isolator or main switch)

A-1-THREE PHASE LOAD CENTRES RATED 125A MAIN ISOLATOR

Description:

T type 'B' distribution boards feature a metal box, encapsulated tinned, copper busbar pan assembly, metal cover with hinged door. The boards are available in nine sizes from 4 to 20 TP ways with various incomer options.

The 1 25A, 225A three phase integrated busbar accepts all Lsis components as Incoming and Outgoing devices.

Earth and neutral terminals are supplied as standard.

4Way	BKD3P-125A-4W-F	BKD4P-125A-4W-F
6Way	BKD3P-125A-6W-F	BKD4P-125A-6W-F
8Way	BKD3P-125A-8W-F	BKD4P-125A-8W-F
10Way	BKD3P-125A-10W-F	BKD4P-125A-10W-F
12Way	BKD3P-125A-12W-F	BKD4P-125A-12W-F
16Way	BKD3P-125A-16W-F	BKD4P-125A-16W-F
18Way	BKD3P-125A-18W-F	BKD4P-125A-18W-F

4Way	520x405x111.25
6Way	570x405x111.25
8Way	620x405x111.25
10Way	670x405x111.25
12Way	720x405x111.25
16Way	820x405x111.25
18Way	870x405x111.25

A-2-THREE PHASE LOAD CENTRES RATED 225A MAIN MCCB

Description:

T type 'B' distribution boards feature a metal box, encapsulated tinned, copper busbar pan assembly, metal cover with hinged door. The boards are available in nine sizes from 4 to 20 TP ways with various incomer options.

The 1 25A, 225A three phase integrated busbar accepts all Lsis components as Incoming and Outgoing devices.

Earth and neutral terminals are supplied as standard.

4Way	ABS203b-225A-4W-F	GBN 20 3-225A-4W-F
6Way	ABS203b-225A-6W-F	GBN 20 3-225A-6W-F
8Way	ABS203b-225A-8W-F	GBN 20 3-225A-8W-F
10Way	ABS203b-225A-10W-F	GBN 20 3-225A-12W-F
12Way	ABS203b-225A-12W-F	GBN 20 3-225A-10W-F
16Way	ABS203b-225A-16W-F	GBN 20 3-225A-16W-F
18Way	ABS203b-225A-18W-F	GBN 20 3-225A-18W-F
20Way	ABS203b-225A-20W-F	GBN 20 3-225A-20W-F

4Way	620X405x111.25x147.5
6Way	670X405x111.25x147.5
8Way	720X405x111.25x147.5
10Way	770X405x111.25x147.5
12Way	820X405x111.25x147.5
16Way	920X405x111.25x147.5
18Way	970X405x111.25x147.5
20Way	1120X405x111.25x147.5



Three-phase(MCCB)



Single-phase

C.CONSUMER UNITS WITH DIN RAIL

Description:

The consumer units feature a metal box and cover with hinged flap. They are available in 8 and 12 modules.

The units are without busbar and can be wired with all Lsis Component Devices.

Earth and neutral terminals are supplied as standard.

8	1P+N-8L-S	1P+N-8L-F	220x370x93
12	1P+N-12L-S	1P+N-12L-F	220x 442x93

ORDERCODES FOR TP&N TYPE 'B' BOARDS WITH FITTED INCOMER

Description:

Outdoor 'B' distribution boards feature a metal box c/w gland plate, hinged door mounted with quarter turn insert lock c/w foamed-in PU gasket, canopy and detachable internal cover panel.

The Boards are equipped with encapsulated tinned copper busbar pan assembly.

The boards are available in sizes from 4 to 20TP ways with various incomer options.

The 225A three phase integrated busbar accepts all Lsis components as Incoming and Outgoing devices.

Earth and neutral terminals are supplied as standard.

4Way	IP-ABS203b-225A-4W-F	IP-GBN 20 3-225A-4W-F
6Way	IP-ABS203b-225A-6W-F	IP-GBN 20 3-225A-6W-F
8Way	IP-ABS203b-225A-8W-F	IP-GBN 20 3-225A-8W-F
10Way	IP-ABS203b-225A-10W-F	IP-GBN 20 3-225A-10W-F
12Way	IP-ABS203b-225A-12W-F	IP-GBN 20 3-225A-12W-F
16Way	IP-ABS203b-225A-16W-F	IP-GBN 20 3-225A-16W-F
18Way	IP-ABS203b-225A-18W-F	IP-GBN 20 3-225A-18W-F
20Way	IP-ABS203b-225A-20W-F	IP-GBN 20 3-225A-20W-F

4Way	648x425x162x197
6Way	698x425x162x197
8Way	748x425x162x197
10Way	798x425x162x197
12Way	848x425x162x197
16Way	948x425x162x197
18Way	998x425x162x197
20Way	1020x425x162x197



Inside Parts

BOX ACCESSORIES

Description: Internal metal accessories. Module

Code: 4,6,8,10,12,14,16,18way



RGT

RGT SERIES WEATHERPROTECTED BOX

Metal enclosures made from a continuous length of sheet steel double folded at the front, with back welded to the frame. Both externally and internally protected with polyester epoxy resin Grey paint to RAL-7032 texturized.

New series RGT KT with transparent security glass door. Welded studs on the back for direct fixing of mounting plate or other accessories perforated door reinforcement profiles allowing fixing of equipment, concealed and easily removable hinges allowing over 120° door opening. Foamed-in polyurethane gasket and front rain gutter ensures high degree of protection.

External dimensions (mm) height width depth (A) (B) (C)	enclosures				D	approx weight (kg)	mounting plates		Dinimet 19" RAC internal
	Reference	reference with glazed door	flange fig. opening type				metal	insul.	
250 200 150	RGT-2520/150	-	1 0 125	3,2			•	•	
300 250 150	RGT-3025/150	RGT-3025/150KT	1 A 150	4,2			•	•	•
300 250 200	RGT-2520/200	RGT-2520/200KT	1 A 150	4,9			•	•	•
300 300 150	RGT-33/150	RGT-33/150KT	1 B 150	5			•	•	•
300 300 200	RGT-33/200	RGT-33/200KT	1 B 150	6			•	•	•
400 300 150	RGT-43/150	RGT-43/150KT	1 B 200	6			•	•	•
400 300 200	RGT-43/200	RGT-43/200KT	1 B 200	6,8			•	•	•
400 400 200	RGT-44/200	RGT-44/200KT	1 C 200	8			•	•	•
400 600 250	RGT-46/250	RGT-46/250KT	1 D 200	10			•	•	•
400 600 300	RGT-46/300	RGT-46/300KT	1 D 200	11,2			•	•	•
500 400 150	RGT-54/150	RGT-54/150KT	1 C 125	8,7			•	•	•
500 400 200	RGT-54/200	RGT-54/200KT	1 C 125	9,8			•	•	•
500 400 250	RGT-54/250	RGT-54/250KT	1 C 125	11			•	•	•
500 500 250	RGT-55/550	RGT-55/550KT	1 D 125	12,8			•	•	•
600 400 150	RGT-64/150	RGT-64/150KT	1 C 125	9,3			•	•	•
600 400 200	RGT-64/200	RGT-64/200KT	1 C 125	10,8			•	•	•
600 400 250	RGT-64/250	RGT-64/250KT	1 C 125	12,3			•	•	•
600 500 150	RGT-65/150	RGT-65/150KT	1 D 125	11,3			•	•	•
600 500 200	RGT-65/200	RGT-65/200KT	1 D 125	14,3			•	•	•
600 500 250	RGT-65/250	RGT-65/250KT	1 D 125	16,3			•	•	•
600 600 250	RGT-66/250	RGT-66/250KT	1 D 125	18,2			•	•	•
600 600 300	RGT-66/300	RGT-66/300KT	1 D 125	19,8			•	•	•
700 500 200	RGT-75/200	RGT-75/200KT	1 D 125	17,3			•	•	•
700 500 250	RGT-75/250	RGT-75/250KT	1 D 125	19,3			•	•	•
800 600 200	RGT-86/200	RGT-86/200KT	1 D 125	21,8			•	•	•
800 600 250	RGT-86/250	RGT-86/250KT	1 D 125	24,8			•	•	•
800 600 300	RGT-86/300	RGT-86/300KT	1 D 125	26,3			•	•	•
800 800 200	RGT-88/200	RGT-88/200KT	2 E 125	29,5			•	•	•
800 800 300	RGT-88/300	RGT-88/300KT	2 E 125	32,5			•	•	•
1000 600 250	RGT-106/250	RGT-106/250KT	1 D 125	28,4			•	•	•
1000 600 300	RGT-106/300	RGT-106/300KT	1 D 125	30,6			•	•	•
1000 800 250	RGT-108/250	RGT-108/250KT	2 E 125	34,5			•	•	•
1000 800 300	RGT-108/300	RGT-108/300KT	2 E 125	37,4			•	•	•
1000 1000 300	RGT-1010/300	-	2 F -	46,7			•	•	•
1200 800 300	RGT-128/3000	RGT-128/3000KT	2 F -	44,8			•	•	•
1200 1000 300	RGT-1210/300	RGT-1210/300KT	2 F -	53,4			•	•	•

*Weight of enclosures with plain door **Enclosures with three point locking system.

WATERPROOF FLOOR BOXES



A-01



A-02



B-01



B-02



C-01



C-02

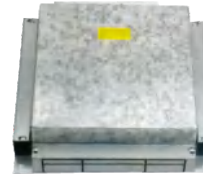


E-01



E-02

WATERPROOF FLOOR BOXES



S-01



S-02



F-01



F-02



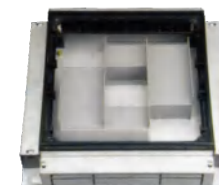
K-01



G-06

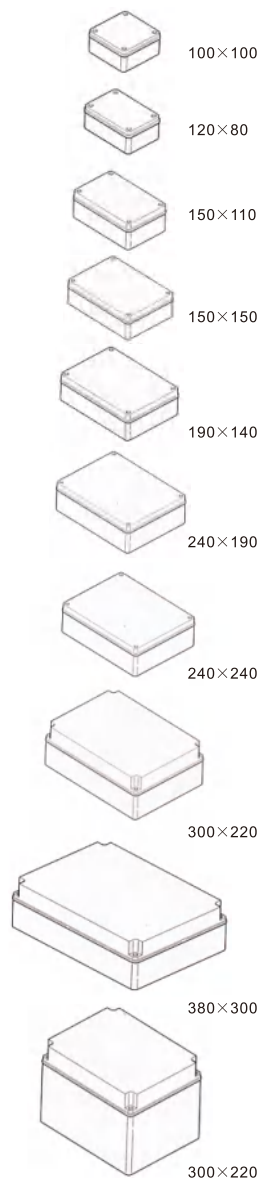


D-01



D-02

STAINLESS STEEL SCREW



SURFACE MOUNTING JUNCTION BOXES

Reference Standard: IEC 60670

- Made of self-extinguishing engineering plastic
- RAL 7035 grey
- Max. operating temperatures: -25°C +85°C
- Full insulation to EN 60439-1

Box With Cable Sleeves- IP56
-With screw-down cover

INTERNAL DIMENSIONS (A×B×h)mm	FASTENING SCREWS
100×100×50	4
120×80×50	4
150×110×70 (•) ▲	4
150×150×70 (•) ▲	4
150×150×80 (•) ▲	4
190×140×70 (•) ▲	4
240×240×80 (•) ▲	4
240×190×90 (•) ▲	4
300×200×120 (•) ▲	4
380×300×120 (•) ▲	4
460×380×130 (•) ▲	6

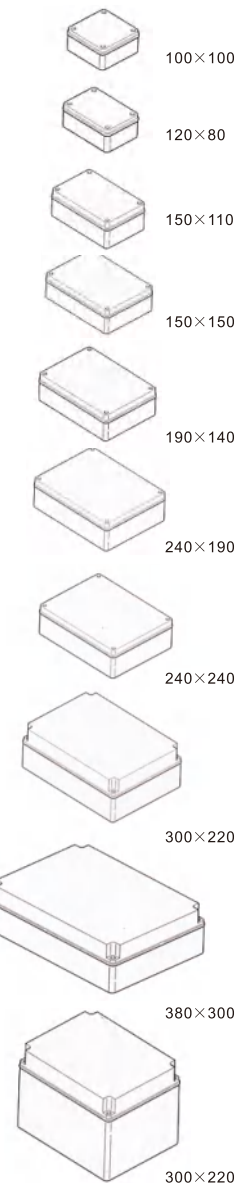
- (•) Optional wall mounting brackets
- ▲ Suitable for hinges mounting

Higher Box With Cable Sleeves- IP56
-Screw-down cover

INTERNAL DIMENSIONS (A×B×h)mm	FASTENING SCREWS	PACK QTY
100×100×80	4	1/24
240×190×125	4	1/6
300×220×170	4	1/6
380×300×170 (•) ▲	4	1/3
460×380×130 (•) ▲	6	1

- (•) Optional wall mounting brackets
- ▲ Suitable for hinges mounting

PLASTIC SCREW



SURFACE MOUNTING JUNCTION BOXES

Reference Standard: IEC 60670

- Made of self-extinguishing engineering plastic
- RAL 7035 grey
- Max. operating temperatures: -25°C +85°C
- Full insulation to EN 60439-1

Box With Cable Sleeves- IP56
-With screw-down cover

INTERNAL DIMENSIONS (A×B×h)mm	FASTENING SCREWS
100×100×50	4
120×80×50	4
150×110×70 (•) ▲	4
150×150×70 (•) ▲	4
150×150×80 (•) ▲	4
190×140×70 (•) ▲	4
240×240×80 (•) ▲	4
240×190×90 (•) ▲	4
300×200×120 (•) ▲	4
380×300×120 (•) ▲	4
460×380×130 (•) ▲	6

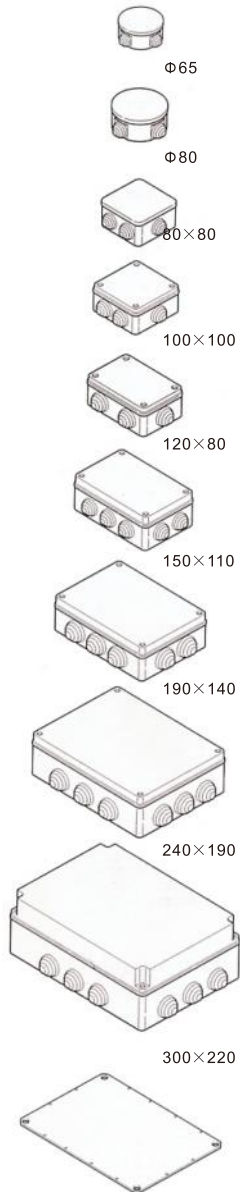
- (•) Optional wall mounting brackets
- ▲ Suitable for hinges mounting

Higher Box With Cable Sleeves- IP56
-Screw-down cover

INTERNAL DIMENSIONS (A×B×h)mm	FASTENING SCREWS	PACK QTY
100×100×80	4	1/24
240×190×125	4	1/6
300×220×170	4	1/6
380×300×170 (•) ▲	4	1/3
460×380×130 (•) ▲	6	1

- (•) Optional wall mounting brackets
- ▲ Suitable for hinges mounting

PLASTIC SCREW



SURFACE MOUNTING JUNCTION BOXES

IP44 Series

Box With Cable Sleeves -With press-fit cover

INTERNAL DIMENSIONS (A × B × h)mm	NO. OF INLETS FOR	FASTENING SCREWS
Φ 65 × 35	4 Φ 23mm PG 16	2
Φ 80 × 40	4 Φ 23mm PG 16	2
Φ 80 × 80 × 40	6 Φ 23mm PG 16	2

IP56 Series

Box With Cable Sleeves -With screw-down cover

INTERNAL DIMENSIONS (A × B × h)mm	NO. OF INLETS FOR	FASTENING SCREWS
100 × 100 × 50	6 Φ 29mm PG 21	4
120 × 80 × 50	6 Φ 29mm PG 21	4
150 × 110 × 70	10 Φ 29mm PG 21(•)▲	4
190 × 140 × 70	10 Φ 38mm PG 16(•)▲	4
240 × 190 × 90	12 Φ 38mm PG 16(•)▲	4
300 × 200 × 120	12 Φ 38mm PG 16(•)▲	4
380 × 300 × 120	12 Φ 48mm PG 16(•)▲	4
460 × 380 × 130	14 Φ 48mm PG 16(•)▲	6

(•) Optional wall mounting brackets

▲ Suitable for hinges mounting

Accessories

	BOX (mm)	DIMENSIONS (A B)mm	FASTENING SCREWS
Mounting plate	194 140	176 × 126 × 1,5	4
	240 190	226 × 176 × 1,5	4
	300 220	284 × 173 × 1,5	4
	380 300	358 × 252 × 1,5	4
	460 380		
12 Sealing caps	For providing full insulation according to EN 60439-1		
Sealing kit Hinges kit (3 pieces)	100 × 100-120 × 80-150 × 110		
	190 × 140-240 × 190-300 × 220-380 × 300		

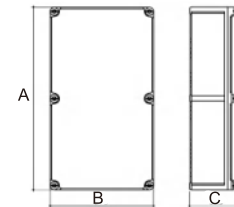
EUROPEAN-STYLE WATER-PROOF ELECTRIC BOX

Description:

Waterproof, dustproof, anticorrosion, high-strength insulation. Any opening is available according to the customers' demands, it is very complete in specification and convenient in installation.

Executive standard: IEC60529 IP65 EN60309

INTERNAL DIMENSIONS (A × B × C)mm	FASTENING SCREWS
340 × 220 × 150	4
400 × 300 × 160	4
450 × 270 × 160	6
520 × 300 × 160	6
540 × 360 × 180	6
680 × 500 × 200	6



FULL-PLASTIC SEALING BOX

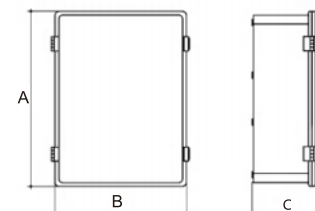
Description:

Waterproof, dustproof, anticorrosion, high-strength insulation. Any opening is available according to the customers' demands, it is very complete in specification and convenient in installation.

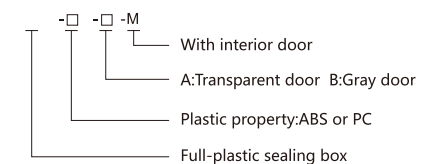
Executive standard: IEC60529 IP65 EN60309

Code: RG-ABS-A / RG-ABS-B / RG-PC-A / RG-PC-B
RG-ABS-A-M / RG-PC-A-M

300x200x170 400x300x170
500x400x200 600x400x220



Model explanation:





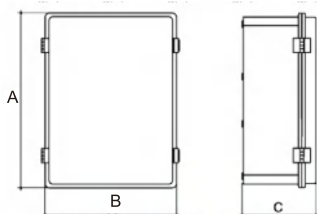
KOREAN-STYLE WATER-PROOF ELECTRIC BOX (HINGE TYPE)

Description:

Waterproof,dustproof,anticorrosion,high-strength insulation . Any opening is available according to the customers' demands, it is very complete in specification and convenient in installation.

Executive standard: IEC60529 IP65 EN60309

INTERNAL DIMENSIONS (A×B×C)mm	
360×250×150	175×125×85
460×350×180	130×130×65
280×190×130	200×140×100
210×160×90	200×110×90
300×300×140	160×100×85
300×200×150	250×170×100
200×150×100	200×150×130



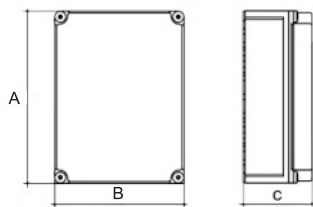
KOREAN-STYLE WATER-PROOF ELECTRIC BOX (SCREW TYPE)

Description:

Waterproof,dustproof,anticorrosion,high-strength insulation . Any opening is available according to the customers' demands, it is very complete in specification and convenient in installation.

Executive standard: IEC60529 IP65 EN60309

INTERNAL DIMENSIONS (A×B×C)mm	
175×125×75	280×280×130
170×150×95	340×220×130
230×140×95	380×190×130
200×150×130	380×190×180
200×200×130	380×280×130
250×150×130	380×280×180
280×190×130	



ECONOMICAL TYPE WATERPROOF ELECTRIC BOX

Description:

Waterproof,dustproof,anticorrosion,high-strength insulation . Any opening is available according to the customers' demands, it is very complete in specification and convenient in installation.

Executive standard: IEC60529 IP65 EN60309 OEM Design

64x58x35	110x80x70	130x80x70	180x80x70
250x80x70	100x100x75	125x125x75	
200x150x100	250x150x100	200x200x100	



Example : 1

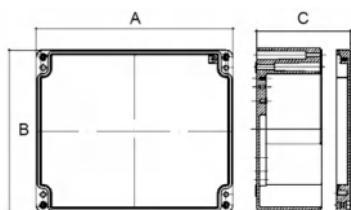


Example : 2





ALD



ALUMINUM DIE-CASTING SEAL BOX

Description:

The die-cast aluminum seal box is applicable for machineries, ships, automobiles, production lines and other equipment, suitable for petrochemical industry and other severe environment; it is featured with high impact resistance and good chemical resistance.

INTERNAL DIMENSIONS (A×B×C)mm

80×80×65	220×120×80
120×120×80	220×140×80
140×80×60	260×160×90
160×100×70	270×150×90
160×160×90	280×230×110
200×170×90	330×230×120
200×230×120	400×230×110



JBPC67

JUNCTION BOXES

Description:

Widely used in various industries, for such equipment as halfway junction boxes, terminals and miniature electro-mechanical instruments, communication contact boxes, etc;
IP67

Material: PC

Color: 7035

80×80×52	93×93×55
110×110×67	175×125×75
200×150×100	

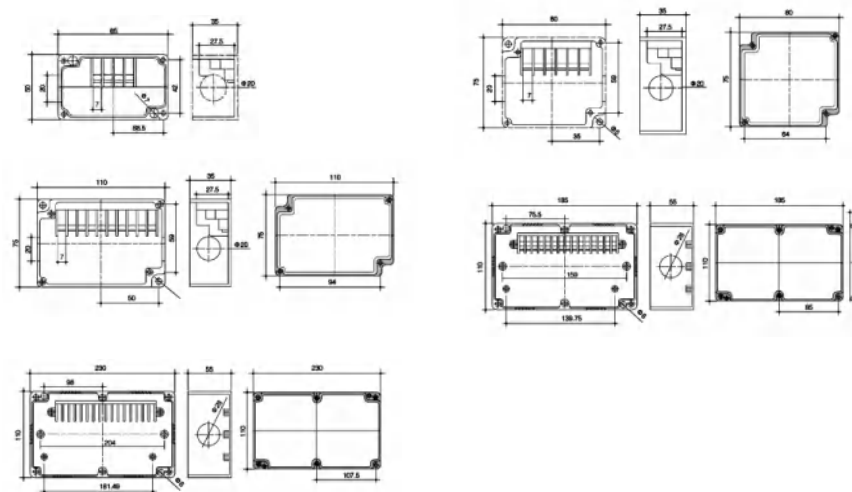
TERMINAL JUNCTION BOXES

Description:

Widely used in various industries, for such equipment as halfway junction boxes, terminals and miniature electro-mechanical instruments, communication contact boxes, etc;

Material: ABS **Color:** 7035

85×50×43 85×75×73 110×75×43
185×110×65 230×110×65





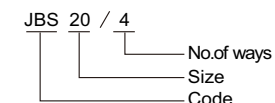
PVC SHALLOW JUNCTION BOX



JBS20/4

Description: PVC Shallow Junction Box available in 1way, 2way, 3way and 4 way versions both in 20 and 25mm.

Code: JBS20/1, JBS20/2, JBS20/3, JBS20/4, JBS25/1, JBS25/2, JBS25/3, JBS25/4



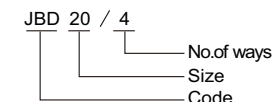
PVC DEEP JUNCTION BOX



JBD20/4

Description: PVC Deep Junction Box available in 1way, 2way, 3way and 4 way versions both in 20 and 25mm. Also available in 2 way 20mm U type and 2 way 20mm L type.

Code: JBD20/1, JBD20/2, JBD20/3, JBD20/4, JBD25/1, JBD25/2, JBD25/3, JBD25/4



PVC L TYPE JUNCTION BOX



JBD20/2L

Description: PVC Deep 2 way L type Junction Box available in 20 and 25mm.

Code: JBD20/2L, JBD25/2L

SHROUDS - BLACK COVER



SHROUD

Description: Black fire retardant nylon Insulating Shroud to meet double insulation requirements and fits into standard mounting access.

Code: SHROUD



LF20/L

PVC LOCATING FLANGE

Description: Large PVC locating flange. Available in 20, 25 & 32mm.

Code: LF20/L, LF25/L, LF32/L



JB/DL

PVC DISPOSABLE LID

Description: PVC Disposable Lid with 4 fixing lugs.

Code: JB/DL



JBTPS/L

LARGE & SMALL TPS J BOX WITH CONNECTORS

Description: Small & Large Junction Box contains 3 single screw cableconnectors, 1 double screw earth connector and 2 fixing nails.

Code: JBTPS/S, JBTPS/L



JBTPS/3M

3 & 4 TERMINAL MINI JUNCTION BOX WITH CONNECTORS

Description: Mini clip-on junction box. Available in 3 & 4 terminals.

Code: JBTPS/3M, JBTPS/4M



C1S

C2S

35A SINGLE AND DOUBLE SCREW CONNECTORS

Description: Fire retardant insulated connectors. Single and double screw for 2x6mm 2 cables. Rate at 35 Amps. Available in 100 and 200 jars.

Code: V1S/C1S200/C2S/C2S200



PB1S

3 PIN SINGLE SURFACE SOCKET

Description: Surface mount 240V 10A back wired single socket outlet, includes a loop terminal and clip on raised base.

Code: PB1S



PB2S

3 PIN DOUBLE SURFACE SOCKET

Description: Surface mount 240V back wired double socket outlet, includes a loop terminal and clip on raised base. Available in 10 and 15A.

Code: PB2S, PB2S/15



WP/CBOX

WATERPROOF BOX

Description: Weatherproof enclosure with clear lid and locking provision IP54 rated product.

Code: WP/CBOX



HRC 100/20T

100A HRC FUSE HOLDER

Description: 80A-100A HRC sealable fuse holder with barrier protection shield.

Code: HRC80, 100/20T, 100/30T, 100/40T

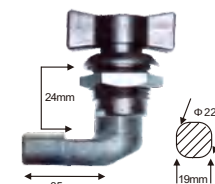


T003

T001

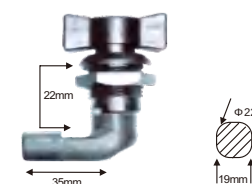
SWITCHBOARD LOCK

Description: 24mm Plastic Type



T003

Description: 22mm



T001



Clamp CT1

Clamp CT4

INSULATED CLAMP

Product type and application scope
1kV Series products

the section plane of main wire	the section plane of branch	Max.load current	Exterior dimension
16~95	1.5~10	63	27×41×62
16~95	4~35(50)	138	46×52×87

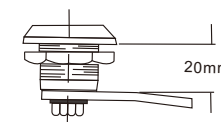


CL-118 T001

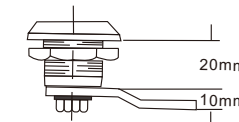
CL-118 T003

SWITCHBOARD LOCK

CL-118 T001
Description: Metal Type



CL-118 T003
Description: Metal Type



Clamp CT5

LA1

Product type and application scope
1kV Series products

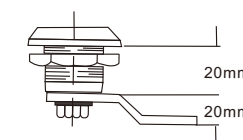
the section plane of main wire	the section plane of branch	Max.load current	Exterior dimension
16~95	1.5~10	63	27×41×62
16~95	4~35(50)	138	46×52×87



CL-118 T005

SWITCHBOARD LOCK

CL-118 T005
Description: Metal Type





Dr101

DIN RAILS

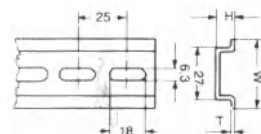
Application

suitable for mounting various modular units.

Technical data

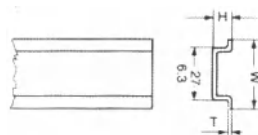
- material: steel, zinc electroplated with yellow achromate passivation. aluminium alloy optional.
- Color: yellow or silver gray
- length: 2m, 1m and other lengths upon request.
- standards:
DIN 46277, CENELEC EN50.022 EN50.023, EN50.035

cat.No.	dimensions mm			length meters
	W	H	T	
DR101	35	7.5	1	2/1



DR102

cat.No.	dimensions mm			length meters
	W	H	T	
DR102	35	7.5	1	2/1



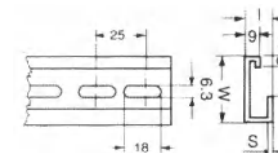
DR102



DR201

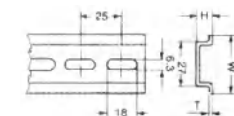
DIN RAILS

cat.No.	dimensions mm			length meters
	W	H	T	
DR201	35	15	1.5	2/1



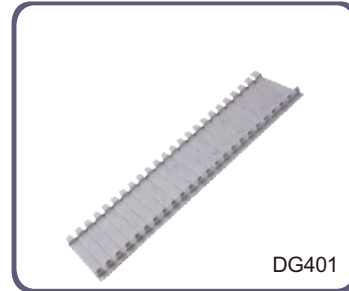
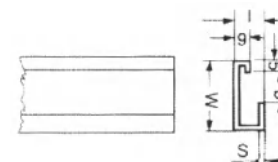
DR301

cat.No.	dimensions mm			length meters
	W	H	T	
DR301	32	15	1.5	2/1



DR302

cat.No.	dimensions mm			length meters
	W	H	T	
DR302	32	15	1.5	2/1



DG401

TRUNKING

Product parameters: 9mmx45mm-24

MODULAR WALL SWITCH(DGW SERIES)



1 Way Switch 16A 250V~



2 Way 16A 250V~



Switch with neon



3 Way Indicator



3 Way Indicator



Bell Push



Bell Push



Buzzer



TV Socket



Satellite TV socket



Satellite TV socket



Date Socket



Tel Socket



Date Socket



Tel Socket



2 Pin Socket



Italy Socket 16A 250~



Italy Socket 16A 250~



Italy Socket



3 Pin Socket

MODULAR WALL SWITCH(DGW SERIES)



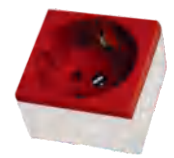
M/F Socket 13A 250V~



13A Socket 13A 250V~



Schuko Socket 16A 250V~



Schuko Socket 16A 250V~



Fan Dimmer 700W 250~



Dimmer 700W 250~



LED Night Lamp 0.15W



LED Night Lamp With Sensor 0.15W



Silver frame



Wooden clour frame



flower frame



White frame



3Gang frame



2Gang frame



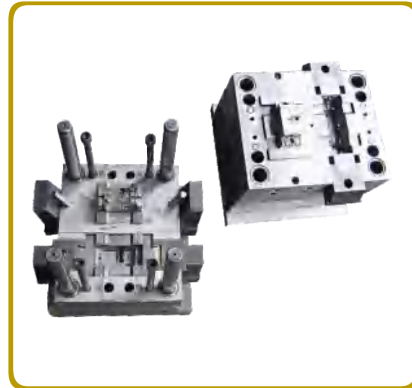
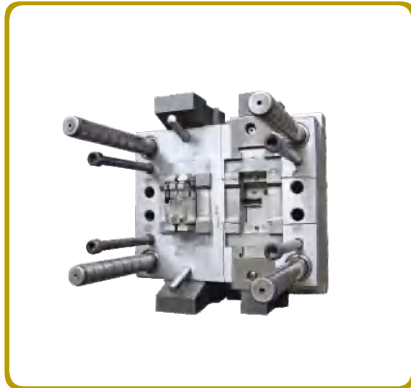
Bell push



Socket outlets
13A with switch



2P+T Socket 16A 250V



① CNC MACHINE

⑤ MODULDS

② CNC MACHINE

⑥ EDM MACHINE

③ MILLING MACHINE

⑦ EDM MACHINE

④ MODULDS

