



**GEWISS**

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**ACDC**  
DYNAMICS

THINK ELECTRICAL

# WATERTIGHT SURFACE MOUNTING PLASTIC ENCLOSURES

44CE Range RAL 7035 Grey

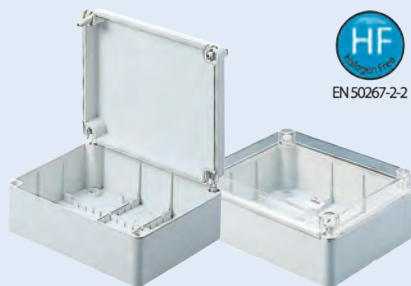


Code	Internal Dimensions (mm)	Entries No.	Gland hole Ø (mm)	Conduit Max Ø (mm)	Spare Lid Screw	Pack/ Carton Qty
<b>Junction Boxes with Stepped Glands and Press-on Lids - IP44 - TP85°C</b>						
GW44001	Ø 65 x 35	4	23	20	–	5/280
GW44002	Ø 80 x 40	4	23	20	–	5/135
GW44003	80 x 80 x 40	6	23	20	–	5/90



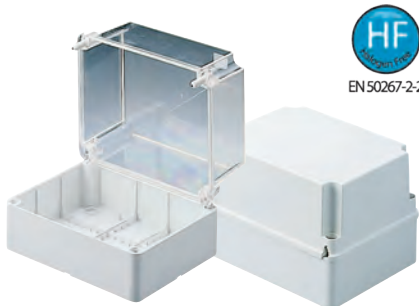
Code	Internal Dimensions (mm)	Entries No.	Gland hole Ø (mm)	Conduit Max Ø (mm)	Spare Lid Screw	Pack/ Carton Qty
<b>Junction Boxes with Stepped Glands. Lids with Captive Screws - IP55 - TP85°C</b>						
GW44004	100 x 100 x 50	6	29	25	4 S/S screws	60
GW44005	120 x 80 x 50	6	29	25	4 S/S screws	66
GW44006	150 x 110 x 70	10	29	25	4 S/S screws	40
GW44007*	190 x 140 x 70	10	37	32	a	24
GW44008*	240 x 190 x 90	12	37	32	a	12
GW44009*	300 x 220 x 120	12	48	32	b	6

\* Sealable Enclosure with hinged plastic screw-on lid



Code	Internal Dimensions (mm)	Spare Lid Screw	Pack/Crt Qty	Clear lid Code TP110°C
<b>Enclosures with standard lid - IP56</b>				
Grey lid Code TP85°C	Internal Dimensions (mm)	Spare Lid Screw	Pack/Crt Qty	Clear lid Code TP110°C
GW44204	100 x 100 x 50	4 S/S screws	105	–
GW44205	120 x 80 x 50	4 S/S screws	91	–
GW44206	150 x 110 x 70	4 S/S screws	50	GW44426
GW44207*	190 x 140 x 70	a	30	GW44427*
GW44208*	240 x 190 x 90	a	14	GW44428*
GW44209*	300 x 220 x 120	b	6	GW44429*
GW44210*	380 x 300 x 120	b	4	GW44430*
GW44211*	460 x 380 x 120	a	3	GW44431*

\* Sealable Enclosure with hinged plastic screw-on lid

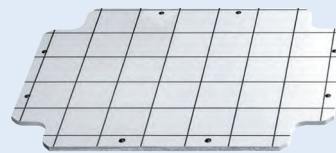


Code	Internal Dimensions (mm)	Spare Lid Screw	Pack/Crt Qty	Clear lid Code TP110°C
<b>Enclosures with Deep Lid - IP56</b>				
Grey lid Code TP85°C	Internal Dimensions (mm)	Spare Lid Screw	Pack/Crt Qty	Clear lid Code TP110°C
GW44214	100 x 100 x 120	4 S/S screws	45	–
GW44215	120 x 80 x 120	4 S/S screws	55	–
GW44216	150 x 110 x 140	4 S/S screws	24	GW44436
GW44217*	190 x 140 x 140	a (AS01092)	16	GW44437*
GW44218*	240 x 190 x 160	a (AS01092)	12	GW44438*
GW44219*	300 x 220 x 180	b (AS01093)	7	GW44439*
GW44220*	380 x 300 x 180	b (AS01093)	3	GW44440*
GW44221*	460 x 380 x 180	b (AS01093)	2	GW44441*

\* Sealable Enclosure with hinged plastic screw-on lid



Code	Dimensions (mm)	Insulated Chassis Plates
<b>Galvanized Metal Chassis Plates</b>		
GX44614	150 x 110	–
GX44615	190 x 140	GW44625
GX44616	240 x 190	GW44626
GX44617	300 x 220	GW44627
GX44618	380 x 300	GW44628
GX44619	460 x 380	GW44629



Code	Description	Quantity
<b>Accessories</b>		
GW44621	Wall Mounting Brackets, for Enclosures 38mm	190 x 140 & larger
GW44620	Watertight Coupler 47mm I.D.	10/160
GW44622	Screw Cap Ø 16mm	10/100
GW50428	Stepped Glands (for 20mm hole)	100/1000
GW50429	Stepped Glands (for 23mm hole)	100/1000
GW50430	Stepped Glands (for 29mm hole)	100/1000
GW50431	Stepped Glands (for 37mm hole)	50/500
GW50432	Stepped Glands (for 48mm hole)	35/350
GW52401	HSS Steel multi dia. milling cutter for plastic boxes	1/4
AS01092	Spare Nylon 10mm Screw for enclosures 'a'	
AS01093	Spare Nylon 12mm Screw for enclosures 'b'	
58110313	S/S Screws for GW44204/5/14/15	
58110305	S/S Screws for GW44206 and GW44216	



Stepped Gland



**WATERTIGHT SURFACE MOUNTING PLASTIC ENCLOSURES**

44CE Range  
Ral 7035 - Grey

1/4 Turn Screws  
on the lid for  
Easy Access



GW44234



EN 50267-2-2

Junction box with Plain Quick Fixing Lid - **IP55**

Grey Lid Code TP85°C	Internal Dimensions (mm)	Spare Lid Screw	Pack/Carton Qty	Clear Lid Code
GW44234	100 x 100 x 50	—	105	N/A
GW44236	150 x 110 x 70	—	50	N/A

High capacity bottom allows for large conduit/gland entries



GW44114



EN 50267-2-2

Enclosures with High Capacity Bottom - **IP56**

Code	Internal Dimensions (mm)	Screws	Pack/Qty	Clear Lid Code
GW44114	100 x 100 x 80	4 s/s screws	45	—
GW44117	190 x 140 x 110	a	16	GW44137
GW44118	240 x 190 x 130	a	12	GW44138
GW44119	300 x 220 x 170	b	7	GW44139
GW44120	380 x 300 x 170	b	3	GW44140

**TERMINAL BLOCKS**

Press-on Multi-Pole Terminal Blocks for 44CE - Grey RAL7035, 450V

Code	No. of ways	Cable Size	Max Load	Pack/Carton
GW44606	3 x	4mm <sup>2</sup>	57A	10/100
GW44607	4 x	4mm <sup>2</sup>	57A	10/100
GW44608	5 x	4mm <sup>2</sup>	57A	10/100

Screw-on Multiple Terminal Blocks - Grey RAL7035, 750V

Code	No. of ways	Cable Size	Max Load	Pack/Carton
GW44610	5 x	6mm <sup>2</sup>	76A	10/100
GW44612	5 x	16mm <sup>2</sup>	125A	10/100
GW44614TB	5 x	35mm <sup>2</sup>	210A	1/10

Single Pole Insulated Cage Terminal Blocks – Transparent, 450V

Code	No. of ways	Cable Size	Max Load	Pack/Carton
GW44671	3 x	6mm <sup>2</sup>	76A	10/100
GW44672	5 x	6mm <sup>2</sup>	76A	10/100
GW44673	4 x	16mm <sup>2</sup>	125A	10/50
GW44674	[ 2 x 3 x ]	[ 16mm <sup>2</sup> 6mm <sup>2</sup> ]	125A	10/50

GW44681 Support for mounting on DIN Rail  
GW44682 Adaptor for fixing into enclosure base

Single Pole Terminal Blocks - Transparent, 450V

Code	No. of ways	Cable Size	Max Load	Pack/Carton
GW44704	4 x	6mm <sup>2</sup>	76A	1/100
GW44706	6 x	6mm <sup>2</sup>	76A	1/100
GW44708	8 x	6mm <sup>2</sup>	76A	1/100

Din Mount Bracket (Max 12 way)

Code	Terminal Block Combinations	Pack/Carton
GW44720	GW44704 x 3; GW44706 x 2, GW44708 x 1 + GW44704 x 1; GW44706 x1 + GW44704 x 1	1/50

GW44608



GW44612  
GW44614TB



GW44607 Example



GW44610 Example



GW44671



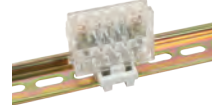
GW44681



GW44682



GW44673 +  
GW44672 +  
2x GW44682



GW44674 +  
GW44681



GW44704 + GW44708



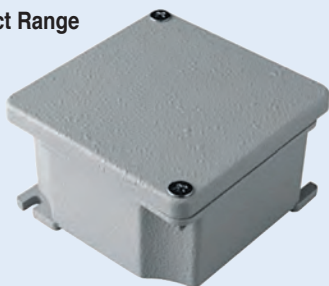
GW44706



GW44720

**WATERTIGHT SURFACE MOUNTING METAL ENCLOSURES**

GW Connect Range



Grey Painted Enclosures - Die Cast Aluminium - **IP66**

Code	Internal Dimensions L x H x D (mm)	Pack Qty	Chassis Plates	Pack Qty
GW76261	91 x 91 x 54	40	-	10
GW76262	128 x 103 x 57	32	GW76272	10
GW76263	155 x 130 x 58	24	GW76273	10
GW76264	178 x 156 x 75	16	GW76274	10
GW76265	239 x 202 x 85	8	GW76275	5
GW76266	294 x 244 x 114	4	GW76276	5
GW76267	392 x 298 x 144	1	GW76277	5

Unpainted Enclosures - Die Cast Aluminium - **IP66**

Code	Internal Dimensions L x H x D (mm)	Pack Qty	Chassis Plates	Pack Qty
GW76281	91 x 91 x 54	40	-	10
GW76282	128 x 103 x 57	32	GW76272	10
GW76283	155 x 130 x 58	24	GW76273	10
GW76284	178 x 156 x 75	16	GW76274	10
GW76285	239 x 202 x 85	8	GW76275	5
GW76286	294 x 244 x 114	4	GW76276	5
GW76287	392 x 298 x 144	1	GW76277	5





## EMERGENCY BREAK-GLASS STATIONS

### IP55 RAL3000 Red Surface / Flush Mounting Emergency Enclosure



Code	Description	Size HxWxD	Carton
GW42201	Break glass station with push button which can be lit. 1NO + 1NC (expandable up to 4 contacts)	120 x 120 x 50	1/10
GW42211	Spare 'Safe Push' glass for GW42201	79 x 79 x 2	1/10
GW30943	230V lamp 0.4 Watts for Push Button	-	1/50
GW74201	1 N/O Contact block 3A @ 240 V	-	10/60
GW74202	1 N/C Contact block 3A @ 240 V	-	10/60
GW42204	Station with 22mm Ø hole and key lock	180 x 108 x 100	1/10
GW42213	Spare 'Safe Push' glass for GW42204	74 x 63 x 2	1/10
GW42202	Red Emergency DB 1 x 8m c/w Din Rail	180 x 180 x 100	1/10
GW42203	Station with key lock and galvanised metal chassis plate	180 x 180 x 100	1/10
GW42212	Spare 'Safe Push' glass GW42203	74 x 142 x 2	1/10
GW42216	Glass hammer with fixing support	-	1/10

## FLUSH MOUNTING JUNCTION & CONNECTION BOXES

### Junction & Connection Boxes



Code	Outer Dimensions L x H x D (mm)	Compartment Pre-Arrangement	Carton QTY
<b>Without DIN Rail</b>			
GW48001	92 x 92 x 45	1	162
GW48002	118 x 96 x 50	1	114
GW48003	118 x 96 x 70	1	84
GW48004	152 x 98 x 70	1	84
GW48005	160 x 130 x 70	1	49
<b>With DIN Rail</b>			
GW48006	196 x 152 x 75	2	34
GW48007	294 x 152 x 75	3	22
GW48008	392 x 152 x 75	4	17
GW48009	480 x 160 x 75	3	17
GW48010	516 x 202 x 90	3	9
GW48011	516 x 294 x 90	6	5

### Boxes with Lid



Code IP55	Outer Dimensions L x H x D (mm)	Compartment Pre-Arrangement	Carton QTY
GW48671 -	138 x 169 x 70	1	1/28
GW48672 *	308 x 169 x 70	2	1/14
GW48673 -	398 x 169 x 70	3	1/9

- No DIN Rail \* Ready to house the DIN Rail - 14 Modules

## SURFACE MOUNTING ENCLOSURES

### 42 TV RANGE complete with Hinge. RAL 7035 Grey IP41

Surface-mounting adaptable enclosures with reversible door with smooth and honeycombed surface



Cover with honeycomb finish makes it possible to easily surface mount equipment

Code	Internal dimensions L x H (mm)	Depth D (mm)	No. Entries			Chassis Plates
			Ø 20.5	Ø 20.5/23	Ø 23/29	
GW42002	200 x 150	60	12	4	-	GW44615
GW42003	200 x 150	80	12	4	-	GW44615
GW42005	300 x 200	60	-	-	16	GW44616
GW42006	300 x 200	80	-	-	16	GW44616

### Junction box for combination of modular Enclosures & Components - IP55



Code	Description
GW27402	132 x 82 x 55mm Junction Box (See also pg692)
GW26406	Watertight coupler 23mm pg16
GW44622	Insulating Screw Cap Dia. 16mm





**WATERTIGHT ENCLOSURES**

**46 Range - Triangular Key Locks** - Chassis Plates to be ordered separately

**Polyester**

• RAL 7035

• **IP65**

**Mild Steel**

• RAL 7035

• **IP55**

**304 Stainless Steel**

• Polished

• **IP55**

• Max +60°C; Min -25°C

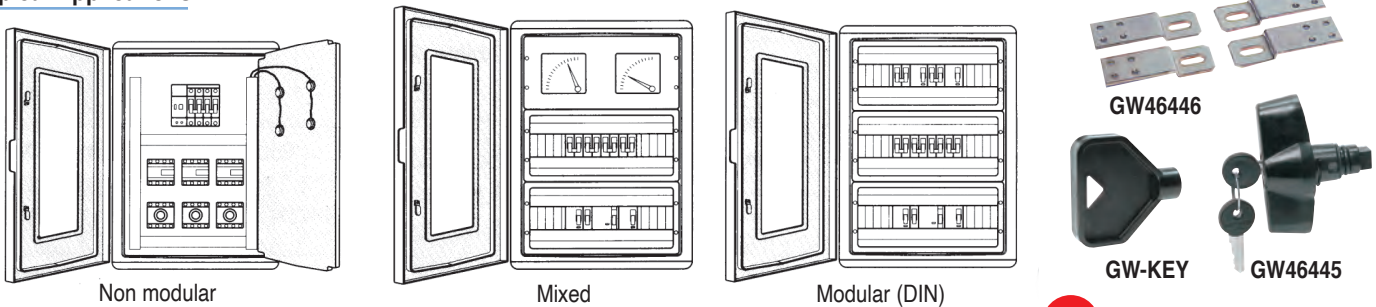


c/w Mounting Brackets for DIN Rail/Chassis Plate and one panel key

Stainless Steel

Ext. Dim. (mm) H x W x D	Polyester	Polyester Window	Mild Steel	Mild Steel Window	304 Stainless Steel	Perforated Plate for MCCB	Blank plate for MCCB	Chassis Plates Steel	Inner Door
300 x 250 x 160	GW46001F	GW46201F	GW46031	-	-	-	-	GW46401	-
425 x 310 x 160	GW46002F	GW46202F	GW46032	GW46232	GW46052	GW46440	GW46540	GW46402	GW46414
500 x 405 x 200	GW46003F	GW46203F	GW46033	GW46233	-	GW46441	GW46541	GW46403	GW46415
650 x 405 x 200	GW46004F	GW46204F	GW46034	GW46234	GW46054	GW46441	GW46541	GW46404	GW46416
650 x 515 x 250	GW46005F	GW46205F	GW46035	GW46235	-	GW46442	GW46542	GW46405	GW46417
800 x 585 x 300	GW46006F	GW46206F	GW46036	GW46236	GW46056	GW46443	GW46543	GW46406	GW46418
1060 x 800 x 350	GW46007F	GW46207F	GW46037	GW46237	-	-	GW46544	GW46407	GW46419

**Typical Applications**



**Steel Brackets for Surface fixing of 46 Range Enclosures**

<b>GW46446</b>	Set of 4 mounting brackets	<b>GW46592F</b>	Insert Kit for Screw Hole. (Pack of 10)
<b>GW-KEY</b>	Spare triangular key	<b>GW46524F</b>	DIN Rail Mounting Brackets
<b>GW46445</b>	Safety lock with handle and key		

**NEW**



**Modular Accessories**



External Dimensions H x W x D	Max No. Modules	Cover Plate Kit c/w DIN Rail	Cover Plate Kit for MCCB	Single Blank Cover Kit	Double Blank Cover Kit	Single DIN Rail w/o Bracket	Double DIN Rail w/o Bracket	Upright Mounting Brackets
425 x 310 x 160	36 (3x12)	GW46420F	-	GW46425F	GW46475F	GW46430F	GW46530F	GW46435F
500 x 405 x 200	54 (3x18)	GW46421F	GW46570F	GW46426F	GW46476F	GW46431F	GW46531F	GW46436F
650 x 405 x 200	72 ( 4x18)	GW46421F	GW46570F	GW46426F	GW46476F	GW46431F	GW46531F	GW46437F
650 x 515 x 250	96 (4x24)	GW46422F	GW46571F	GW46427F	GW46477F	GW46432F	GW46532F	GW46437F
800 x 585 x 300	140 (5x28)	GW46423F	GW46572F	GW46428F	GW46478F	GW46433F	GW46533F	GW46438F
1060 x 800 x 350	180 (5x36)	GW46424F	GW46573F	GW46429F	GW46479F	GW46434F	GW46534F	GW46439F

GW46435F

**44 CEP Range - IP55**

Moulded Enclosure for electrical & electronic components 110°C

Dimensions (mm) H x W x D	Code Grey door	Code Transparent Door	Steel Chassis Plate	Carton Qty
254 x 200 x 135	GW44808	GW44818	GW44636	12
316 x 236 x 135	GW44809	GW44819	GW44637	8
396 x 316 x 160	GW44810	GW44820	GW44638	4
474 x 396 x 160	GW44811	GW44821	GW44639	2



## 40 CD RANGE - DISTRIBUTION BOARDS - SURFACE MOUNTING



### Enclosures, No Door - IP40

Code	Type - Without Terminal Block	Size (mm) H x W x D
GW40022	2 Module - (1 x 2)	170 x 105 x 98
GW40023	4 Module - (1 x 4)	130 x 90 x 85
GW40024	6 Module - (1 x 6)	155 x 140 x 85
GW40026	8 Module - (1 x 8)	180 x 180 x 95
GW40028	12 Module - (1 x 12)	215 x 250 x 95
GW40030	24 Module - (2 x 12)	340 x 250 x 95
GW40032	36 Module - (3 x 12)	465 x 250 x 95



### Enclosures, With Door - IP55 - Excludes Terminal Blocks

Code	Type - Without Terminal Block	Size (mm) H x W x D
GW40001	4 Module - (1 x 4)	170 x 105 x 98
GW40003	8 Module - (1 x 8) accepts 1 x TB size 1	180 x 180 x 98
GW40005	12 Module - (1 x 12) accepts 1 x TB size 1 or 2	250 x 250 x 135
GW40007	24 Module - (2 x 12) accepts 1 x TB size 1	375 x 375 x 135
GW40009	36 Module - (2 x 18) accepts 1 x TB size 1 or 2	655 x 410 x 140

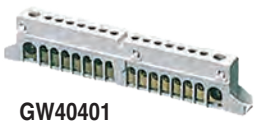
TB = Terminal Block      Spare 10mm Nylon Screw for Distribution Boards: **55010961**



### Enclosures, With Door - IP40

Code - w/o Terminal Blocks	Type	Size (mm) H x W x D	Code - With Terminal Blocks	Terminal Blocks
GW40043	8 Module (1 x 8) accepts 1 x TB size 1	180x200x100	GW40043BS	1 x GW40408B
GW40045	12 Module (1 x 12) accepts 1 x TB size 1 or 2	225x280x180	GW40045BS	1 x GW40412B
GW40047	24 Module (2 x 12) accepts 2 x TB size 1 or 2	350x280x100	GW40047BS	1 x GW40412B
GW40049	36 Module (2 x 18) accepts 2 x TB size 1, 2 or 3	400x400x130	GW40049BS	1 x GW40418B
GW40051	54 Module (3 x 18) accepts 2 x TB size 1, 2 or 3	550x400x130	GW40051BD	2 x GW40418B
GW40053	72 Module (4 x 18) accepts 4 x TB size 1, 2 or 3	850x400x150	GW40053BD	2 x GW40418B

TB = Terminal Block



### Terminal Blocks - Bipolar - Rated 125A - IP20

Code	Neutral (No. Poles x sect. mm <sup>2</sup> )	Earth (No. Poles x sect. mm <sup>2</sup> )	TB Size
GW40401	(1 x 35) + (7 x 10)	(1 x 35) + (7 x 10)	Size 1
GW40402	(3 x 35) + (10 x 10)	(3 x 35) + (10 x 10)	Size 2
GW40404	(5 x 35) + (14 x 10)	(5 x 35) + (14 x 10)	Size 3



### Terminal Blocks - Bipolar - Rated 80A - IP20

GW40408B	(2 x 16) + (7 x 10)	(2 x 16) + (7 x 10)	Size 1
GW40412B	(3 x 16) + (11 x 10)	(3 x 16) + (11 x 10)	Size 2
GW40418B	(3 x 16) + (17 x 10)	(3 x 16) + (17 x 10)	Size 3



### Terminal Blocks - Unipolar - Rated 80A - IP20

GW40408U	(2 x 16) + (7 x 10)	-	Size 1
GW40412U	(3 x 16) + (11 x 10)	-	Size 2
GW40422U	(3 x 16) + (29 x 10)	-	Size 2
GW40418U	(3 x 16) + (17 x 10)	-	Size 3

TB = Terminal Block

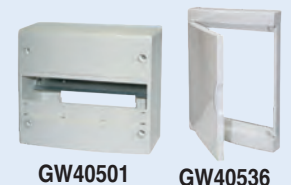
\* Unipolar Terminals - Either Earth or Neutral can be connected (Copper on left hand side)

Bipolar Terminals - Both Earth and Neutral can be connected.



### Accessories

Code	Description	Carton Qty
GW40423	DIN Blanks, 17.5mm wide, 4½ modules per strip	100
55010961	Spare screws for GW40001/3/5/7/9	300



### Grey Surface Mount Enclosures IP30 - c/w Terminal Blocks

Code w/o door	Type	Size (mm) H x W x D	Grey Door Code	Transparent Door Code
GW40501	13 Module	225 x 250 x 93.5	GW40531	GW40536
GW40502	26 Module (2x13)	350 x 250 x 93.5	GW40532	GW40537
GW40503	39 Module (3x13)	475 x 250 x 93.5	GW40533	GW40538
GW40504	52 Modules (4x13)	600 x 250 x 93.5	GW40534	GW40539

**40 CDK RANGE - DISTRIBUTION BOARDS**

DB with Transparent Smoked Door

Terminal blocks to be ordered separately (Pg 5)



Grey Surface mounting IP65  
(Circuit breakers excluded)

CDKe - IP65 Grey without Terminals	Type	Size (mm) H x W x D	Code - with Terminal Blocks	Terminal Blocks
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**Surface Mount**

GW40101	4 Module - (1x4) No provision for terminal blocks	210x143x100	-	-
GW40102	8 Module - (1x8) accepts 1 x TB size 1	210x215x100	GW40102BS	1 x GW40408B
GW40103	12 Module - (1x12) accepts 1 x TB size 1 or 2	260x298x140	GW40103BS	1 x GW40412B
GW40106	18 Module - (1x18) accepts 1 x TB size 1, 2 or 3	285x410x140	GW40106BS	1 x GW40412B
GW40104	24 Module - (2x12) accepts 1 x TB size 1 or 2	420x298x140	GW40104BS	1 x GW40412B
GW40107	36 Module - (2x18) accepts 2 x TB size 1, 2 or 3	463x410x140	GW40107BS	1 x GW40418B
GW40108	54 Module - (3x18) accepts 2 x TB size 1, 2 or 3	655x410x140	GW40108BD	2 x GW40418B
GW40109	72 Module - (4x18) accepts 4 x TB size 1, 2 or 3	878x410x140	GW40109BD	2 x GW40418B

**Flush Mount**



White Flush mount IP40

GW40603	6 Module - (1x6) No provision for terminal blocks	170x200x85	-	-
GW40604	8 Module - (1x8) accepts 1 x TB size 1	195x240x85	GW40604BS	1 x GW40408B
GW40605	12 Module - (1x12) accepts 1 x TB size 1 or 2	270x330x85	GW40605BS	1 x GW40412B
GW40608	18 Module - (1x18) accepts 1 x TB size 1, 2 or 3	310x465x85	GW40608BS	1 x GW40418B
GW40606	24 Module - (2x12) accepts 2 x TB size 1 or 2	420x330x85	GW40606BS	1 x GW40412B
GW40609	36 Module - (2x18) accepts 2 x TB size 1, 2 or 3	505x465x85	GW40609BS	1 x GW40418B
GW40610	54 Module - (3x18) accepts 3 x TB size 1, 2 or 3	680x465x95	GW40610BD	2 x GW40418B
GW40611	72 Module - (4x18) accepts 4 x TB size 1, 2 or 3	855x465x95	GW40611BD	2 x GW40418B



**Cylindrical Security/Safety Lock**

Code	Type
GW40422	Die-cast metal (Locks are supplied with 2 keys with standardised code, suitable for CDK Range)

**40 CDi RANGE - DISTRIBUTION BOARDS - FLUSH MOUNTING**

Domestic Type D/B



Protected Flush Mounting Modular Enclosure - IP40 Transparent Smoked Door

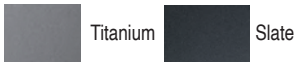
Code	Type	Size (mm) L x H x D	Carton Qty
GW40237*	4 Module - (1x4) - No provision for terminal blocks	146 x 165 x 108	12
GW40225*	8 Module - (1x8) - Accepts 1 terminal block size 1	248 x 195 x 107	16
GW40229*	12 Module - (1x12) - Accepts 1 terminal block size 1 or 2	328 x 218 x 106	12
GW40233*	24 Module - (2x12) - Accepts 2 terminal blocks size 1 or 2	328 x 338 x 108	5
GW40239*	36 Module - (3x12) - Accepts 3 terminal blocks size 1 or 2	328 x 493 x 118	5

Terminal blocks (pg 5) & CBs (pg 13) to be ordered separately  
\*Add colour to code: TB (Milk White), TN (Toner Black), VT (Titanium), VA (Slate Grey)

DB Colour Co-ordinated with Chorus System Range Plates IP40 (Circuit breakers to be ordered separately)



Door with automatic opening



Code	Type	Size H x W x D	Colour	Carton Qty
GW40981TB	12 Module - (1x12)	255 x 320 x 80	White	2
GW40981VT	12 Module - (1x12)	255 x 320 x 80	Metallic Titanium	2
-	12 Module - (1x12)	255 x 320 x 80	Metallic Slate	2
GW40991TB	24 Module - (2x12)	360 x 320 x 80	White	2
GW40991VT	24 Module - (2x12)	360 x 320 x 80	Metallic Titanium	2
GW40991VA	24 Module - (2x12)	360 x 320 x 80	Metallic Slate	2

**40 CDe RANGE - DISTRIBUTION BOARDS - FLUSH MOUNTING**

Flush Mount DB with Steel Frame and Plastic Door - Colour White RAL 9016 IP40



Code	Type	Size H x W x D	Tray Size H x W x D
GW40151	12 Module - (1x12) c/w Neutral and Earth Bar	338 x 335 x 75	303 x 300 x 85
GW40152	24 Module - (2x12) c/w Neutral and Earth Bar	463 x 335 x 75	428 x 300 x 85
GW40153	36 Module - (3x12) c/w Neutral and Earth Bar	585 x 335 x 75	553 x 300 x 85
GW40154	48 Module - (4x12) c/w Neutral and Earth Bar	713 x 335 x 75	678 x 300 x 85



## CVX 160 DISTRIBUTION BOARDS



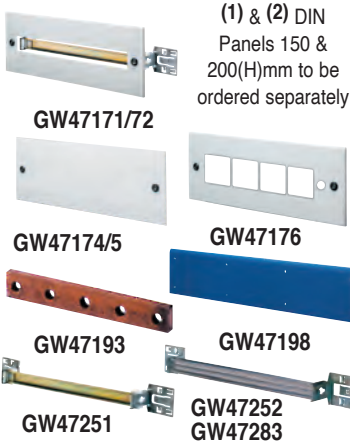
Flush Mount with Curved glass door



Surface Mount with Curved glass door



Surface Mount with Solid Steel Door



(1) & (2) DIN Panels 150 & 200(H)mm to be ordered separately

### CVX 160 I Range: 160A Flush Mount steel DB IP40 - Colour Grey RAL 7035

- Complete with Galvanized Wall Tray & Front Panels c/w Din Rails
- Earth Bar and Blanking Plates to be ordered separately

Glass Door DB Code	Solid Steel Door DB Code	DIN Modules	Spare Glass Door Code	Functional Dimension (mm)	DB Ext. Size (mm) H x W x D + Glass	Tray Size (mm) H x W x D
GW47082	GW47087	96 (4 x 24)	GW47111	600 x 600	706 x 730 x 34 + 30	670 x 680 x 105
GW47083	GW47088	120 (5 x 24)	GW47112	800 x 600	906 x 730 x 34 + 30	870 x 680 x 105
GW47084	GW47089	144 (6 x 24)	GW47113	1000 x 600	1106 x 730 x 34 + 30	1070 x 680 x 105

### CVX 160 E Range: 160A Surface Wall Mount DB IP40 – Colour Grey RAL 7035

Equipped with 2 locks • c/w 4 mounting brackets & 2 gland plates (top & bottom)

Glass Door DB Code	Solid Steel Door DB Code	(1) No Of Modules 150mm(H)	(2) No Of Modules 200mm(H)	Spare Glass Door Code	Functional Dimension (mm)	DB Ext. Size (mm) H x W x D + Glass
GW47011E	GW47021E	96 (4 x 24)	72 (3 x 24)	GW47111	600 x 600	700 x 700 x 170 + 30
GW47012E	GW47022E	120 (5 x 24)	96 (4 x 24)	GW47112	800 x 600	900 x 700 x 170 + 30
GW47013E	GW47023E	144 (6 x 24)	120 (5 x 24)	GW47113	1000 x 600	1100 x 700 x 170 + 30
GW47014E	GW47024E	192 (8 x 24)	144 (6 x 24)	GW47114	1200 x 600	1300 x 700 x 170 + 30

### CVX 160 E Range: 160A Surface Wall Mount Steel DB IP55 – Colour Grey RAL 7035

GW47031E	GW47041E	96 (4 x 24)	72 (3 x 24)	GW47111	600 x 600	700 x 700 x 170 + 30
GW47032E	GW47042E	120 (5 x 24)	96 (4 x 24)	GW47112	800 x 600	900 x 700 x 170 + 30
GW47033E	GW47043E	144 (6 x 24)	120 (5 x 24)	GW47113	1000 x 600	1100 x 700 x 170 + 30
GW47034E	GW47044E	192 (8 x 24)	144 (6 x 24)	GW47114	1200 x 600	1300 x 700 x 170 + 30

### CVX 160 E Range: 160A Surface Wall Mount Steel DB IP65 – Colour Grey RAL 7035

-	GW47062E	120 (5 x 24)	96 (4 x 24)	-	800 x 600	900 x 700 x 170 + 30
-	GW47063E	144 (6 x 24)	120 (5 x 24)	-	1000 x 600	1100 x 700 x 170 + 30
-	GW47064E	192 (8 x 24)	144 (6 x 24)	-	1200 x 600	1300 x 700 x 170 + 30

### Accessories for CVX 160I and CVX 160E

Code	Description
(1)GW47171	150mm(H) 24 DIN Kit c/w hinges and adjustable DIN Rail
(2)GW47172	200mm(H) 24 DIN Kit c/w hinges and adjustable DIN Rail
GW47173	Solid front panel 50(H) x 600(W) mm
GW47174	Solid front panel 150(H) x 600(W) mm c/w 2 hinges
GW47175	Solid front panel 200(H) x 600(W) mm c/w 2 hinges
GW47176	200mm(H) panel with 4 x 72mm <sup>2</sup> cut outs and 1 x 9.5mm $\phi$ hole, c/w 2 hinges
GW47193	Pre Drilled earth bar kit 20 x 5mm (24 holes x M6)
GW47198	Spare Gland Plate - Blue RAL 5003
GW47251	DIN (35mm) Rail Kit for CVX 160I
GW47252	Double DIN (35mm) Rail for CVX 160I
GW47183	Double DIN (35mm) Rail for CVX 160E

### CVX 160 Features & Benefits

#### Installation without Screws & Tools



The fixing supports have been designed to be mounted without screws thanks to pre-punched holes on the mounting rails. Moreover the innovative support allows the fixing of the din rails on the brackets and their adjustment in depth, without using any tools.

#### Quick Installation of the Insulating Panels



The front panels in plastic material allow for quick installation by means of two ¼ turn locks. Earthing connection is not necessary. The whole range can be used with a kit for installation of hinges on the front panels.

#### Strength & Design



The fine design and the special curved glass of the door allow the installation of the distribution board in high end commercial or designed environments as well as in industry thanks to its sturdiness.

**NEW**

**QDX 630L DISTRIBUTION BOARDS – WALL & FLOOR MOUNT**

Available in **IP55** on request

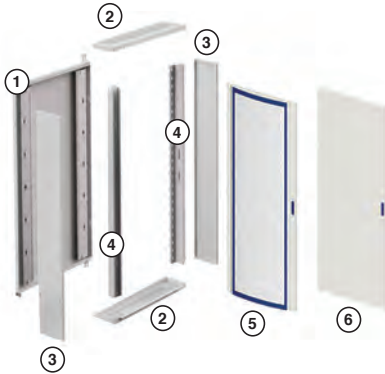


**630A Wall Mount DB Boards complete with Top, Bottom, Doors & Sides IP40** (Accessories to be ordered separately)

W x H x D (mm)	Wall Mount c/w Curved Glass Door Code	Wall Mount c/w Solid Steel Door Code
600 x 1000 x 300	GXD600X1000G	GXD600X1000S
600 x 1200 x 300	GXD600X1200G	GXD600X1200S
850 x 1000 x 300	GXD850X1000G	GXD850X1000S
850 x 1200 x 300	GXD850X1200G	GXD850X1200S

\* Depending on the height (150 or 200mm) of DIN rail kit used.  
• GX Part No's assembled in South Africa

**QDX 630L Wall Mount DB Board Components IP40 QDX Range – Colour Grey RAL 7035 - 630A**



W x H x D (mm)	1 Rear Frame	2 Base & Top	3 Side Panels	4 Front Uprights	5 Glass Door
600 x 1000 x 300	GWD3015	GWD3004	GWD3013	GWD3007	GWD3021
600 x 1200 x 300	GWD3016	GWD3004	GWD3014	GWD3008	GWD3022
850 x 1000 x 300	GWD3017	GWD3005	GWD3013	GWD3007	GWD3023
850 x 1200 x 300	GWD3018	GWD3005	GWD3014	GWD3003	GWD3024

W x H x D (mm)	6 Steel Door	No of Modules 150mm H	No of Modules 200mm H
600 x 1000 x 300	GWD3025	144 Mod (24 x 6)	120 Mod (24 x 5)
600 x 1200 x 300	GWD3026	192 Mod (24 x 8)	144 Mod (24 x 6)
850 x 1000 x 300	GWD3027	210 Mod (35 x 6)	175 Mod (35 x 5)
850 x 1200 x 300	GWD3003	280 Mod (35 x 8)	210 Mod (35 x 6)

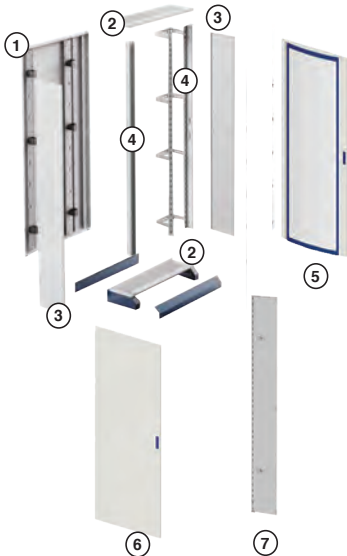
\* Complete with Functional Frames & Gland Plates (1) & (2) DIN Modules 150 & 200(H)mm to be ordered separately

**630A Floor Mount DB Boards complete with Top, Bottom, Doors & Sides IP40** (Accessories to be ordered separately)

W x H x D (mm)	Floor Mount c/w Curved Glass Door Code	Floor Mount c/w Solid Steel Door Code
600 x 1600 x 300	GXD600X1600G	GXD600X1600S
600 x 1800 x 300	GXD600X1800G	GXD600X1800S
600 x 2000 x 300	GXD600X2000G	GXD600X2000S
850 x 1600 x 300	GXD850X1600G	GXD850X1600S
850 x 1800 x 300	GXD850X1800G	GXD850X1800S
850 x 2000 x 300	GXD850X2000G	GXD850X2000S

\* Depending on the height (150 or 200mm) of DIN rail kit used.  
• GX Part No's assembled in South Africa

**QDX 630L Floor Mount DB Board Components IP40 QDX Range – Colour Grey RAL 7035 - 630A**



W x H x D (mm)	1 Rear Frame	2 Base & Top	3 Side Panels	4 Front Uprights	5 Glass Door
600 x 1600 x 300	GWD3059	GWD3042	GWD3054	GWD3047	GWD3068
600 x 1800 x 300	GWD3060	GWD3042	GWD3056	GWD3048	GWD3069
600 x 2000 x 300	GWD3061	GWD3042	GWD3058	GWD3049	GWD3070
850 x 1600 x 300	GWD3062	GWD3044	GWD3054	GWD3047	GWD3071
850 x 1800 x 300	GWD3063	GWD3044	GWD3056	GWD3048	GWD3072
850 x 2000 x 300	GWD3064	GWD3044	GWD3058	GWD3049	GWD3073

W x H x D (mm)	6 Steel Door	7 Internal Compartments	No of Modules 150mm H	No of Modules 200mm H
600 x 1600 x 300	GWD3074	-	240 Mod (24 x 10)	190 Mod (24 x 8)
600 x 1800 x 300	GWD3075	-	280 Mod (24 x 12)	216 Mod (24 x 9)
600 x 2000 x 300	GWD3076	-	312 Mod (35 x 13)	240 Mod (24 x 10)
850 x 1600 x 300	GWD3077	GWD3084	350 Mod (35 x 10)	280 Mod (35 x 10)
850 x 1800 x 300	GWD3078	GWD3086	420 Mod (35 x 12)	315 Mod (35 x 9)
850 x 2000 x 300	GWD3079	GWD3088	455 Mod (35 x 13)	350 Mod (35 x 10)

(1) & (2) DIN Modules 150 & 200 (H)mm to be ordered separately

\*Complete with Functional Frames, Cable Gland Plates & Plinth H=100mm Blue RAL 5003

**QDX 630L Features & Benefits**

**Quick & Easy Mounting**

The DIN Rail Kit bracket mounts tool-free on the functional frame, providing strong, long-lasting stability.



**Simple Installation & Comfortable Maintenance**

All metal components of the distribution board provide earthing through contact, eliminating the need for extra connections. Front panels come with captive screws and can be fitted with hinges for easier maintenance post-installation.



**Strength & Design**

The sleek design and curved glass door make the distribution board suitable for both high-end commercial settings and industrial environments, combining elegance with durability.

**NEW**

## QDX 630L ACCESSORIES

### Device Installation on DIN Rail

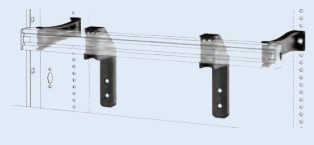
#### DIN Rail Window Panels

- Aluminium EN 50022 double rail (DIN 35)
- RAL 7035 grey painted sheet metal panels with rotation hinges and 1/4 turn lock
- DIN rail mounting requires separate brackets (type depends on panel depth)



#### DIN Rail Mounting Brackets

- 1 horizontal wiring trunking support for GWD3311 and 2 supports for GWD3313. Mount these on the back of the double EN 50022 (DIN 35) rail.

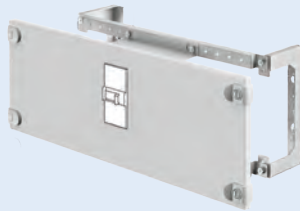


Code	Dimensions (L x H)	No of Modules
GWD3301	600 x 150mm	24
GWD3302	600 x 200mm	24
GWD3303	600 x 300mm	24
GWD3304	850 x 150mm	35
GWD3305	850 x 200mm	35
GWD3306	850 x 300mm	35

Code	Installation	Suitable for
GWD3311	200mm	Modular devices range 90
GWD3312	200mm	MCCB's MSX/D/M/c 160-250
GWD3313	300mm	Modular devices range 90
GWD3314	300mm	MCCB's MSX/D/M/c 160-250

#### MSX Moulded Case Circuit Breakers Installation On Plate

##### Installation Kits for MCCB's up to 630A



- Galvanized support plate, riser brackets, and pre-drilled panel
- RAL 7035 grey painted sheet metal panels with rotation hinges and 1/4 turn lock.
- Kits are compatible with 3P and 4P MCCBs.

##### Horizontal Position Fixed Version

###### Functional Width: 600mm

###### Functional Width: 850mm

Code	Suitable for	Height	Code	Suitable for	Height
GWD3501	MSX/M160c	200mm	GWD3509	MSX/M160c	200mm
GWD3502	MSX/D125	200mm	GWD3510	MSX/D125	200mm
GWD3503	MSX/D/M/c 160-250	200mm	GWD3511	MSX/D/M/c 160-250	200mm
GWD3504	MSXE160-250	200mm	GWD3512	MSXE160-250	200mm
GWD3505	MSX/E/M400-630	300mm	GWD3513	MSX/E/M400-630	300mm

##### With Direct Rotary Handle

##### With Motor Operating Devices

###### Functional Width: 600mm

Code	Suitable for	Height	Code	Suitable for	Height
GWD3531	MSX/M160c	200mm	GWD3541	MSX/D125	200mm
GWD3532	MSX/M250c	200mm	GWD3542	MSX/D/M/c 160-250	200mm
GWD3533	MSX/D125	200mm	GWD3543	MSXE160-250	200mm
GWD3534	MSX/D160-250	200mm	GWD3544	MSX/E/M400-630	200mm
GWD3535	MSXE160-250	200mm			
GWD3536	MSX/E/M400-630	300mm			

#### MSS Switch Disconnectors Installation on Plate

##### Horizontal/Vertical Installation



- Galvanized support plate, riser brackets, and pre-drilled panel
- RAL 7035 grey painted sheet metal panels with rotation hinges and 1/4 turn lock.
- Kits are compatible with 3P and 4P MCCBs.

###### Functional Width: 600mm

###### Functional Width: 850mm

Code	Suitable for	Height	Code	Suitable for	Height
GWD3551	MSS 250	300mm	GWD3552	MSS 250	300mm
GWD3553	MSS 630	400mm	GWD3554	MSS 630	400mm

#### Blind Front Panels



Code	Functional dim. LxH
GWD3321	600 x 100mm
GWD3322	600 x 150mm
GWD3323	600 x 200mm
GWD3324	600 x 300mm
GWD3325	600 x 400mm
GWD3326	600 x 600mm
GWD3327	850 x 100mm
GWD3328	850 x 150mm
GWD3329	850 x 200mm
GWD3330	850 x 300mm
GWD3331	850 x 400mm
GWD3332	850 x 600mm

#### Ventilated Front Panels



Code	Functional Dim. L x H (mm)
GWD3333	600 x 200mm
GWD3334	850 x 200mm

RAL 7035 grey painted sheet metal panels equipped with rotation hinges & 1/4 turn lock.

#### Vertical Dividers

Plastic dividers enable form 2 configuration for busbars in both internal and external compartments.



Code	Functional dim. LxH
GWD3351	1000 x 200mm
GWD3352	1200 x 200mm
GWD3353	1000 x 300mm
GWD3354	1200 x 300mm
GWD3355	1600 x 200mm
GWD3356	1800 x 200mm
GWD3357	2000 x 200mm
GWD3358	1600 x 300mm
GWD3359	1800 x 300mm
GWD3360	2000 x 300mm

#### Horizontal Dividers

Metal dividers used to divide the distribution board into sections



Code	Functional dim. LxH
GWD3361	600 x 200mm
GWD3362	850 x 200mm
GWD3363	600 x 300mm
GWD3364	850 x 300mm

#### Back-Mounting Plates



Code	Functional dim. LxH
GWD3336	600 x 200mm
GWD3337	600 x 400mm
GWD3338	600 x 600mm
GWD3339	600 x 800mm
GWD3340	600 x 1000mm
GWD3341	850 x 200mm
GWD3342	850 x 400mm
GWD3343	850 x 600mm
GWD3344	850 x 800mm
GWD3345	850 x 1000mm

#### For Non-Modular Devices



**NEW**

**CVX 630 ACCESSORIES FOR SURFACE & FLOOR MOUNT BOARDS**



**Depth Adapter**

Code	Length (mm)
GWD3317	600mm

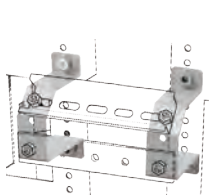
**Characteristics:** plastic adapter for compensation of the different installation depths on DIN rail EN 50022 of the modular devices (90 range) and moulded case circuit breakers (MSX range)



**Pair of Hole DIN Row Covers**

Code	Length (mm)
GWD3318	1000mm

**Characteristics:** Clip fixing on window panels



**Pair of Supports for Horizontal Terminal Block and Earth Bar**

Code	Suitable for
GWD3471	Distribution boards L=600/850mm

**Characteristics:** Clip fixing on window panels

**Additional Plinths**

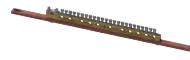


Code	Suitable for Structures LxD
GWD3401	400 x 200mm
GWD3402	600 x 200mm
GWD3403	850 x 200mm
GWD3404	400 x 300mm
GWD3405	600 x 300mm
GWD3406	850 x 300mm

**Characteristics:** additional inspectable plinth (H=100 mm) to facilitate cable entry and/or raise the distribution board

**Earth Terminal Blocks - N. terminal and section:**

2x(1x35+11x16+13x10)mm<sup>2</sup>



Code	Suitable for Structures L
GW45568	600mm
GW45568	850mm

**Lifting Eyebolts**



Code	Suitable for Structures D
GWD344	200mm
GWD3442	300mm

**Spare Lock**



Code	Suitable for
GWD3431	External compartment door
GWD3432	Glass door / blind door

**Accessories:** Supplied with keys

**Spare Door Keys**



Code	Type	Suitable for
GWD3439	Yale	Wall / floor mounting distribution boards
GWD3440	Triangular	Internal / external compartment

**Gasket Kit**



Code	Description
GWD3035	For Side by Side Coupling

**Spare Wall Fixing Brackets**



Code	Suitable for
GWD3452	Wall-mounting distribution boards
GWD3453	Floor-mounting distribution boards

**DISTRIBUTION BOARDS COMPLETE WITH CIRCUIT BREAKERS**

**Domestic Range**



**GX981**

Flush plastic **IP40** Distribution Board with transparent smoked door c/w earth and neutral bar.



**GX982**

**Elite Range**



Up market decorative **IP40** Distribution Board with automatic opening c/w earth & neutral bar.

**Industrial Range**

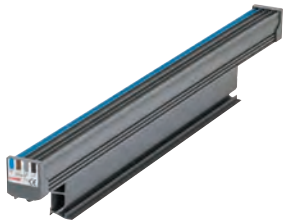


White flush mounting **IP30** Distribution Board with steel frame & plastic door c/w earth & neutral bar.

Description	Code	Colour	Code	Colour	Code
12 Module (1 x 12 Way)	GX981	White	GX985	White	GX991
	GX982	Toner Black	GX986	Metallic Titanium	-
	-	-	GX987	Metallic Slate	-
24 Module (2 x 12 Way)	GX983	White	GX988	White	GX992
	GX984	Toner Black	GX989	Metallic Titanium	-
	-	-	GX990	Metallic Slate	-

All the above complete with 1 x 63Amp earth leakage, 2 x 10 Amp, 3 x 20Amp, 1 x 32 Amp, 1 x 40 Amp Single Pole MCBs

## GWFIX 100 - QUICK DISTRIBUTION FOR CVX DB



### GWFIX 100 - Bar Frames 100A For Quick Coupling Connections

Busbars: 100A 2P (L1/Neutral)			Busbars: 100A 4P		
Code	Modules EN50022	Pack/Ctn	Code	Modules EN50022	Pack/Ctn
GW49762	12	1/6	GW49766	12	1/6
GW49764	24	1/6	GW49768	24	1/6
-	-	-	GW49769	36	1/6

**Features** Fixed quick connection on the rear of the double DIN rail

**Note:** Possibility to combine two 12-module bars on a single 24-module DIN rail

### GWFIX 100 - Quick Coupling Connections for Modular Devices



**Application**

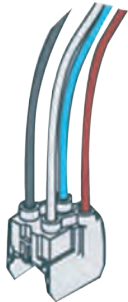
In CVX DB with Double DIN Rail

Code	Description	Type	Colour	Suitable for	Ctn
<b>Rated Current: 40A</b>					
GW49776	2P Quick Connector - Pack of 10	L1/Neutral	Brown	MTC (1P+N/2P)	1/6
GW49777	2P Quick Connector - Pack of 10	L1/Neutral	Grey	MTC (1P+N/2P)	1/6
GW49778	2P Quick Connector - Pack of 10	L1/Neutral	Black	MTC (1P+N/2P)	1/6
GW49779	3/4P Quick Connector - Pack of 10	L1/L2/L3/Neutral	White	MTC (3P/4P)	1/6

**Rated Current: 63A**

GW49780	1P Quick Connector - Pack of 10	L1	Brown	MDC, MT, IDP, SE	1/6
GW49781	1P Quick Connector - Pack of 10	L2	Grey	MDC, MT, IDP, SE	1/6
GW49782	1P Quick Connector - Pack of 10	L3	Black	MDC, MT, IDP, SE	1/6
GW49783	1P Quick Connector - Pack of 10	Neutral	White	MDC, MT, IDP, SE	1/6

### GWFIX 100 - Quick Coupling Connections With Cable For Modular Devices



Code	Description	Type	Modules	Suitable for	Ctn
<b>Rated Current: 16A</b>					
GW49770	Connection with cable	L1/Neutral	2	90 AM Range	1/6
GW49771	Connection with cable	L1/L2/L3	2	90 AM Range	1/6
GW49772	Connection with cable	L1/L2/L3/Neutral	2	90 AM Range	1/6

**Rated Current: 40A**

GW49773	Connection with cable	L1/Neutral	2	90 AM Range, MTHP, IDP, SE	1/6
GW49774	Connection with cable	L1/L2/L3	2	90 AM Range, MTHP, SE	1/6
GW49775	Connection with cable	L1/L2/L3/Neutral	2	90 AM Range, MTHP, IDP, SE	1/6

**Note:** SE = Red Toggle Isolator

### GWFIX 100 - 4P Feeder With Cable For Connection Of Main Circuit Breaker And Bar Frame



Code	Description	Modules	Ctn
GW49784	L=350mm	2	1/6

**Note:** Cable section 25mm<sup>2</sup>

### GWFIX 100 - 4P Parallel Supply Modules With Cable For Connection Of Two Bar Frames



Code	Description	Modules	Ctn
GW49788	L=400mm	2	1/6
GW49789	L=600mm	2	1/6

### GWFIX 100 - 1P Power Supply Module



Code	Description	Colour	Ctn
GW49792	L1 35mm <sup>2</sup> Power Supply Module - Pack of 10	Brown	1/6
GW49793	L2 35mm <sup>2</sup> Power Supply Module - Pack of 10	Grey	1/6
GW49794	L3 35mm <sup>2</sup> Power Supply Module - Pack of 10	Black	1/6
GW49795	Neutral 35mm <sup>2</sup> Power Supply Module - Pack of 10	Blue	1/6

**NEW**

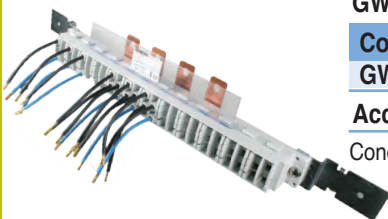
## GWFIX 250 - QUICK DISTRIBUTION FOR CVX

### GWFIX 250 - Distribution Module 250A

Code	Max Current/Connection	Outputs	Modules	Suitability	Ctn
GW47201	63A	12 (4P) / 24 (2P)	24	CVX 160E	1/5

#### Accessories

Conductors with quick coupling 120mm long  
 24m Width - 12 Black / 6 Blue  
 36m Width - 18 Black / 12 Blue



### GWFIX 250 - Conductors with Quick Coupling

Code	Rated Current	Colour	Length	Ctn
GW47233	63A	Black	500mm	10/100
GW47248	63A	Blue	500mm	10/100



GW47233

GW47248

**90 AM RANGE MODULAR ACCESSORIES**



**Load Management Relay - P Comfort**

Code	Rated Voltage	Rated Current	Relay Contact	Contact Capacity	Modules
GWD6916	230AC	32A	1NC	16A AC1	2

The P-Comfort relay manages the power consumption of electrical systems up to 6kW. In the event of overloading, P-Comfort prevents any electricity supply interruption, disconnecting only the non-preferential loads. After a predefined time lapse, P-Comfort automatically reactivates them, avoiding any inconvenience for the user.



GW96830



GW96831/2

**Analogue Time Switches**

Code	Type	Contacts Type	Rated Voltage	Working Reserve	Modules
-	Daily	1 NO	230VAC	No	1
-	Daily	1 NO	230VAC/110VDC	50h	1
-	Daily	1 Changeover	230VAC/130VDC	150h	3
GW96832	Weekly	1 Changeover	230VAC/110VDC	150h	3

**DIN Mount Relays - 16A**

Momentary Relay Code	Contacts Type	DIN Width (17.5mm)	Latching Relay Code	Control voltage VAC	Contacts Type
GWD6602	N/O	1	GWD6647	12V	C/O
GWD6603	N/O	1	GWD6648	24V	C/O
GWD6604	N/O	1	GWD6650	230V	C/O
GWD6611	C/O	1	GWD6659	230V	2 N/O
GWD6632	4 N/O	2	GWD6667	12V	4 N/O
GWD6633	4 N/O	2	GWD6668	24V	4 N/O
GWD6634	4 N/O	2	GWD6669	230V	4 N/O

**Contactors**

Code	Contacts Type	Rated Current @ 400V	Coil Voltage	No. of Mod.
GWD6703	2 N/O	20A	230VAC	1
GWD6705	2 N/C	20A	230VAC	1
GWD6731	2 N/O	63A	230VAC/DC	3
GWD6708	3 N/O	20A	230VAC	2
GWD6722	3 N/O	40A	230VAC/DC	3
GWD6732	3 N/O	63A	230VAC/DC	3
GWD6734	4 N/O	63A	230VAC/DC	3

**DIN Mount Bell Transformers with PTC Thermal Protection**

Code	Modules	Input Volts	Output Volts	VA	
GW96424	2	Transformer for bells (intermittent operating mode)	230VAC	12 + 12 = 24	10
GW96426	2		230VAC	12 + 12 = 24	15
GW96432	3		230VAC	12 + 12 = 24	30
GW96434	3		230VAC	12 + 12 = 24	40
GW96324	6	Safety transformer for continuous operating mode	230VAC	12 + 12 = 24	63



GW96424/6



GW96432/4

**Illuminated Push Buttons**

- 230V LED lamp fitted
- 16A 1N/O+1N/C Contacts
- DIN Width 1

Colour	Code
Red	GW96569
Green	GW96568



**Indicating Lights**

- 230V LED lamp fitted
- DIN Width 1

Colour	Code
Red	GW96581
Green	GW96582
Yellow	GW96583
Blue	GW96584
White	GW96585
Green/Red	GW96591
Red/Red	GW96592



**Bells & Buzzers**

GW96401  
GW96406  
GW96407

GW96408

Code	GW96401	GW96406	GW96408	GW96407
dB	80dB	70dB	70dB	80dB
Control Voltage	12VDC	12VDC	230VAC	230VAC
Type	Bell	Buzzer	Buzzer	Buzzer
Pack/Carton	12	12	6	12



**DIN MINIATURE CIRCUIT BREAKERS – COMPACT RANGE MTC**

DC ratings are available on request for all Gewiss Circuit Breakers.  
 Ratings: 1P/1P+N - 230VAC  
 2P/3P/4P - 400VAC  
 M = 1x Module Size: 17.5mm

kA Rating	Type	In (A)	1P		1P+N		2P		3P		4P	
			M	M	M	M	M	M	M	M		
Range MTC45 4.5kA (IEC60947-2)	C	6	-		GW90025	1	GW90045	1	GW90065	2	GW90085	2
		10	-		GW90026	1	GW90046	1	GW90066	2	GW90086	2
		16	-		GW90027	1	GW90047	1	GW90067	2	GW90087	2
		20	-		GW90028	1	GW90048	1	GW90068	2	GW90088	2
		25	-		GW90029	1	GW90049	1	GW90069	2	GW90089	2
		32	-		GW90030	1	GW90050	1	GW90070	2	GW90090	2
Range MTC60 6kA (IEC60947-2)	C	6	-		GW90225	1	GW90245	1	GW90265	2	GW90285	2
		10	-		GW90226	1	GW90246	1	GW90266	2	GW90286	2
		16	-		GW90227	1	GW90247	1	GW90267	2	GW90287	2
		20	-		GW90228	1	GW90248	1	GW90268	2	GW90288	2
		25	-		GW90229	1	GW90249	1	GW90269	2	GW90289	2
		32	-		GW90230	1	GW90250	1	GW90270	2	GW90290	2
MTC 100 10kA (IEC60947-2)	C	16	-		GW90427	1	GW90447	1	-		-	
		25	-		GW90429	1	GW90449	1	-		-	
		32	-		GW90430	1	GW90450	1	-		-	

**DIN MINIATURE CIRCUIT BREAKERS – STANDARD RANGE MT**

DC ratings are available on request for all Gewiss Circuit Breakers.  
 Ratings: 1P/1P+N - 230VAC  
 2P/3P/4P - 400VAC  
 M = 1x Module Size: 17.5mm

kA Rating	Type	In (A)	1P		1P+N		2P		3P		4P		
			M	M	M	M	M	M	M	M			
Range MT45 Icu: 6kA (IEC60947-2) Icn: 4.5kA (IEC60898)	C	6	GW92105	1	GW92125	2	GW92145	2	GW92165	3	GW92185	4	
		10	GW92106	1	GW92126	2	GW92146	2	GW92166	3	GW92186	4	
		16	GW92108	1	GW92128	2	GW92148	2	GW92168	3	GW92188	4	
		20	GW92109	1	GW92129	2	GW92149	2	GW92169	3	GW92189	4	
		25	GW92110	1	GW92130	2	GW92150	2	GW92170	3	GW92190	4	
		32	GW92111	1	GW92131	2	GW92151	2	GW92171	3	GW92191	4	
		40	GW92112	1	GW92132	2	GW92152	2	GW92172	3	GW92192	4	
Range MT60 Icu: 10kA (IEC60947-2) Icn: 6kA (IEC60898)	C	1	GW92001	1	GW92021	2	GW92041	2	GW92061	3	GW92081	4	
		2	GW92002	1	GW92022	2	GW92042	2	GW92062	3	GW92082	4	
		3	GW92003	1	GW92023	2	GW92043	2	GW92063	3	GW92083	4	
		4	GW92004	1	GW92024	2	GW92044	2	GW92064	3	GW92084	4	
		6	GW92005	1	GW92025	2	GW92045	2	GW92065	3	GW92085	4	
		10	GW92006	1	GW92026	2	GW92046	2	GW92066	3	GW92086	4	
		16	GW92007	1	GW92027	2	GW92047	2	GW92067	3	GW92087	4	
		20	GW92008	1	GW92028	2	GW92048	2	GW92068	3	GW92088	4	
		25	GW92009	1	GW92029	2	GW92049	2	GW92069	3	GW92089	4	
		32	GW92010	1	GW92030	2	GW92050	2	GW92070	3	GW92090	4	
		40	GW92011	1	GW92031	2	GW92051	2	GW92071	3	GW92091	4	
		50	GW92012	1	GW92032	2	GW92052	2	GW92072	3	GW92092	4	
		63	GW92013	1	GW92033	2	GW92053	2	GW92073	3	GW92093	4	
		D	6	GW92405	1	-		GW92445	2	GW92465	3	GW92485	4
			10	GW92406	1	-		GW92446	2	GW92466	3	GW92486	4
			16	GW92407	1	-		GW92447	2	GW92467	3	GW92487	4
			20	GW92408	1	-		GW92448	2	GW92468	3	GW92488	4
25	GW92409		1	-		GW92449	2	GW92469	3	GW92489	4		
32	GW92410		1	-		GW92450	2	GW92470	3	GW92490	4		
40	GW92411		1	-		GW92451	2	GW92471	3	GW92491	4		
B	16	-	-	-		GW92247	2	-	-	-	-		
	25	-	-	-		GW92249	2	-	-	-	-		
	50	-	-	-		-	-	-	-	GW92292	4		

**NEW**

GEWISS CIRCUIT BREAKERS

**DIN MINIATURE CIRCUIT BREAKERS – HIGH kA**

DC ratings are available on request for all Gewiss Circuit Breakers.

Ratings: 1P/1P+N - 230VAC  
2P/3P/4P - 400VAC

M = 1x Module Size: 17.5mm



kA Rating	Type	In (A)	1P	M	2P	M	3P	M	4P	M
Range MT100  Icu: 15kA (IEC60947-2)  Icn: 10kA (IEC60898)  B Curve available on request	C	6	GW92605	1	GW92645	2	GW92665	3	GW92685	4
		10	GW92606	1	GW92646	2	GW92666	3	GW92686	4
		16	GW92607	1	GW92647	2	GW92667	3	GW92687	4
		20	GW92608	1	GW92648	2	GW92668	3	GW92688	4
		25	GW92609	1	GW92649	2	GW92669	3	GW92689	4
		32	GW92610	1	GW92650	2	GW92670	3	GW92690	4
		40	GW92611	1	GW92651	2	GW92671	3	GW92691	4
		50	GW92612	1	GW92652	2	GW92672	3	GW92692	4
	63	GW92613	1	GW92653	2	GW92673	3	GW92693	4	
	D	1	GW92701	1	GW92741	2	GW92761	3	GW92781	4
		2	GW92702	1	GW92742	2	GW92762	3	GW92782	4
		3	GW92703	1	GW92743	2	GW92763	3	GW92783	4
		4	GW92704	1	GW92744	2	GW92764	3	GW92784	4
		6	GW92705	1	GW92745	2	GW92765	3	GW92785	4
		10	GW92706	1	GW92746	2	GW92766	3	GW92786	4
		16	GW92707	1	GW92747	2	GW92767	3	GW92787	4
20		GW92708	1	GW92748	2	GW92768	3	GW92788	4	
Range MTHP160  Icu: 16kA (IEC60947-2)  Icn: 10kA (IEC60898)	C	80	GW93307	1.5	GW93327	3	GW93337	4.5	GW93347	6
		100	GW93308	1.5	GW93328	3	GW93338	4.5	GW93348	6
		125	GW93309	1.5	GW93329	3	GW93339	4.5	GW93349	6
	D	63	GW93356	1.5	GW93376	3	GW93386	4.5	GW93396	6
		80	GW93357	1.5	GW93377	3	GW93387	4.5	GW93397	6
		100	GW93358	1.5	GW93378	3	GW93388	4.5	GW93398	6
Range MT250 up to 25kA  Range MTHP250 Icu = Icn 25kA	C	16	GW92807	1	GW92847	2	GW92867 3	-	GW92887	4
		20	GW92808	1	GW92848	2	GW92868 3	GW93231 4.5	GW92888	4
		25	GW92809	1	GW92849	2	GW92869 3	GW93232 4.5	GW92889	4
		32	GW92810	1	GW92850	2	GW92870 3	GW93233 4.5	GW92890	4
		40	GW92811	1	GW92851	2	GW92871 3	GW93234 4.5	GW92891	4
		50	GW92812	1	GW92852	2	GW92872 3	GW93235 4.5	GW92892	4
63	GW92813	1	GW92853	2	GW92873 3	GW93236 4.5	GW92893	4		

**ISOLATORS 400V**



SE Range DIN Isolators

Amps	1P	M	2P	M	3P	M	4P	M
32A	GW96104	1	GW96114	2	GW96124	3	GW96134	4
40A	GW96105	1	GW96115	2	GW96125	3	GW96135	4
63A	GW96146	1	GW96156	2	GW96166	3	GW96176	4
80A	GW96147	1	GW96157	2	GW96167	3	GW96177	4
100A	GW96148	1	GW96158	2	GW96168	3	GW96178	4
125A	GW96149	1	GW96159	2	GW96169	3	GW96179	4

## RESTART (AUTOMATIC RESETTING DEVICES)

UPDATED RANGE



ReSTART RD

### Restart RD Earth Leakage 2 Pole (230V) no overload protection

Code	Idn	Rated Current	Type	Nominal Voltage	No. Modules	No. Poles
GWD4817R	30mA	25A	A	230V	4	2
GWD4827R	30mA	40A	A	230V	4	2
–	30mA	63A	A	230V	4	2

- Device will enter a blocked condition in case of a persistent downstream electrical system fault (Earth fault).
- GW9 type available while stocks last

UPDATED RANGE



ReSTART RD PRO

### Restart RD Pro Earth Leakage no overload protection

Code	Idn	Rated Current	Type	Nominal Voltage	No. Modules	No. Poles
GWD4817P	30mA	25A	A	230V	4	2
GWD4827P	30mA	40A	A	230V	4	2
–	30mA	63A	A	230V	4	2
GW94847P	30mA	80A	A	230V	4	2
GW94867P	30mA	25A	A	400V	6	4
GW94897P	30mA	40A	A	400V	6	4
GW94937P	30mA	63A	A	400V	7	4

- In case of a downstream electrical system fault the device will retest the system every 2min and reset if possible.
- GW9 type available while stocks last. c/w Programmable auxiliary contact.
- GWD Type compatible with GWD0951 (aux. contact), GWD0953 (wifi interface) and GW90992 (bus communication interface).

NEW



### 2P Add-on Restart RD Pro for RCCB Earth Leakage Relays without overload protection

Code	Suitable for	Idn	Rated Voltage	No. Modules	No. Poles
GWD0976	IDP RCCBs - 2P up to 100A	30mA	230V	1	2
GWD0978	IDP RCCBs - 2P up to 100A	100/300/500mA	230V	1	2

- In case of a downstream electrical system fault the device will retest the system every 2min and reset if possible.
- Compatible with GWD0951 (aux. contact), GWD0953 (wifi interface) and GW90992 (bus communication interface).

NEW



ReSTART RD PRO

### 2P/4P Add-on Restart RD Pro for RCCB Earth Leakage Relays without overload protection

Code	Suitable for	Idn	Rated Voltage	No. Modules	No. Poles
GW90967	IDP RCCBs - 2P/4P up to 100A	30mA	230V	3	2/4
GW90969	IDP RCCBs - 2P/4P up to 100A	100/300/500mA	230V	3	2/4

- In case of a downstream electrical system fault the device will retest the system every 2min and reset if possible.
- c/w Programmable Auxiliary Contact.
- Compatible with GW90953 (wifi interface) and GW90992 (bus communication interface).

### Restart Earth Leakage Autotest Pro 2 Pole (230V) no overload protection

Code	Idn	Rated Current	Type	Nominal Voltage	No. Modules	No. Poles
GW90911	30mA	25A	A (IR)	230V	7	2
GW90912	30mA	40A	A (IR)	230V	7	2
GW90913	30mA	63A	A (IR)	230V	5	2

### Restart Earth Leakage Autotest Pro 4 Pole (400V) no overload protection

Code	Idn	Rated Current	Type	Nominal Voltage	No. Modules	No. Poles
GW90921	30mA	25A	A (IR)	400V	7	4
GW90922	30mA	40A	A (IR)	400V	7	4
GW90923	30mA	63A	A (IR)	400V	7	4

- In case of a downstream electrical system fault the device will retest the system every 2min and reset if possible.
- c/w Programmable Auxiliary Contact
- System with auto reset and monthly self-diagnosis of the earth leakage functions without turning off the system's power supply, using internal bypass contacts during the test
- Compatible with GWD0953 (wifi interface) and GW90992 (bus communication interface).



GW90911



GW90921

ReSTART AUTOTEST PRO



**RESTART (AUTOMATIC RESETTING DEVICES)**



**ReSTART**  
AUTOTEST

**Restart Earth Leakage Autotest 2 Pole (230V)** no overload protection

Code	Idn	Rated Current	Type	Rated Voltage	No. Modules	No. Poles
<b>GW90901N</b>	30mA	25A	A (IR)	230V	5	2
<b>GW90902N</b>	30mA	40A	A (IR)	230V	5	2

- Device will enter a blocked condition in case of a persistent downstream electrical system fault (Earth fault)
- System with auto reset and monthly self-diagnosis of the earth leakage functions without turning off the system's power supply, using internal bypass contacts during the test
- c/w Programmable Auxiliary Contact
- Compatible with **GWD0953** (wifi interface) and **GW90992** (bus communication interface).



**ReSTART**  
RM  
PRO

**Add-on Restart RM Pro for RCBO** (residual current breakers with over current protection)

Code	Suitable for	Idn	Rated Voltage	No. Modules	No. Poles
<b>GWD0996</b>	MDC RCBOs - 1P+N/2P	30mA	230V	1	2
<b>GWD0998</b>	MDC RCBOs - 1P+N/2P	100-300mA	230V	1	2

- After the RCBO has tripped, ReStart checks the insulation, and for short circuit, prior to automatic reclosure.
- In the event of a fault, ReStart will not reset the circuit breaker but will continue to monitor the circuit every 2 minutes reclosing the circuit breaker when safe to do so.
- Compatible with **GWD0951** (aux. contact), **GWD0953** (wifi interface) and **GW90992** (bus communication interface)



**ReSTART**  
RM  
PRO

**Add-on Restart RM Pro for RCBO** (residual current breakers with over current protection)

Code	Suitable for	Idn	Rated Voltage	No. Modules	No. Poles
<b>GW90986</b>	MDC RCBOs - 1P+N/2P/4P	30mA	230V	3	2/4
<b>GW90988</b>	MDC RCBOs - 1P+N/2P/4P	100-300mA	230V	3	2/4

- After the RCBO has tripped, ReStart checks the insulation, and for short circuit, prior to automatic reclosure.
- In the event of a fault, ReStart will not reset the circuit breaker but will continue to monitor the circuit every 2 minutes reclosing the circuit breaker when safe to do so.
- c/w Programmable Auxiliary Contact.
- Compatible with **GW90953** (wifi interface) and **GW90992** (bus communication interface)



**Auxiliary Contact**

Code	Suitable for	Rated Voltage	Rated Current	No. Modules
<b>GWD0951</b>	ReStart RD Pro 2P ( <b>GWD0976</b> and <b>GWD0978</b> ) / ReStart RM Pro 2P ( <b>GWD0996</b> and <b>GWD0998</b> )	5-230VAC/DC	100mA AC/DC	1

- The auxiliary contact, coupled on the right side of the ReStart device, will change state to indicate that the automatic reset did not take place because there is a fault in the electrical system
- The auxiliary contact can be set in three operating modes:  
- NA (default condition), - NC, - NO as signal of handle position



**GWD0953**

**GW90953**

**Wi-Fi Communication Interface Module**

Code	Suitable for	No. Modules	Carton
<b>GWD0953</b>	ReStart RD Pro 2P ( <b>GWD0976</b> and <b>GWD0978</b> ) / ReStart RM Pro 2P ( <b>GWD0996</b> and <b>GWD0998</b> )	1	1/4
<b>GW90953</b>	ReStart Autotest 2P-4P / ReStart RD Pro 4P ( <b>GW90967</b> and <b>GW90969</b> ) / ReStart RM Pro 4P ( <b>GW90986</b> and <b>GW90988</b> )	1	2/4

- Wi-Fi interfaces (coupled on the right side of ReStart device) connected to a router, allow communication of the following information to several devices connected to the network:  
- status of circuit breaker (ON/OFF)  
- lack of power supply in the system due to the presence of fault  
- resetting of power supply after successful automatic reclosing  
- if coupled to ReStart with Autotest, details of last test operation - result, date, and time



**Bus RS485 Communication Interface Module**

Code	Suitable for	Rated Voltage	No. Modules	Carton
<b>GW90992</b>	ReStart Autotest ReStart RD Pro ReStart RM Pro	230V	1	1

The BUS module, by means software available on [www.GEWISS.com](http://www.GEWISS.com) web site allows one to:

- Monitor the status of the circuit breaker coupled with ReStart
- Control the Autotest function remotely
- Manage the automatic reclosing function remotely.
- It allows the installation of ReStart devices in monitoring systems with BUS RS485 communication protocol

## RESTART (AUTOMATIC RESETTING DEVICES)



### Restart RM Top - Adjustable Automatic Reclosing Device

Code	Suitable for	Rated Voltage	No. Modules	Carton
GW90893	MDC/MT+BD RCBOs and MTC/MT MCBs	230V	4	1/4

The RM Top 4P ReStart allows one to: • Set the reset mode (reset with system check, reset by attempts, remote reset and excluded reset) • Adapt the insulation threshold on the basis of the associated circuit breaker • Regulate the reset time delay • The device is equipped with 2 integrated auxiliary contacts for position and/or trip indication.



### Restart CM - Motor Operated Reclosing Device for Modular Circuit Breakers

Code	Suitable for	Rated Voltage	No. Modules	Carton
GW90896	MDC/MT+BD RCBOs and MTC/MT MCBs	230V	2	1/4

The device is equipped with 1 integrated auxiliary contact for position and/or trip indication



### Shunt Trip Release for Remote Opening of Modular Circuit Breakers

Code	Suitable for	Rated Voltage	No. Modules	Carton
GW96014	ReStart RM TOP / ReStart CM	230V	1	1/6

When the circuit breaker trips, thanks to **GW96014**, it can be reclosed remotely by means of the ReStart RM Top or the motor operated ReStart CM, even before the shunt trip release has been reclosed. ReStart RM Top and ReStart CM activate a remote reclosing of both the circuit breaker lever and the shunt trip release lever simultaneously.

**NEW**

**NEW**

## IDP STANDARD EARTH LEAKAGE RELAYS (RCCBs)

### Type AC

Tripping is ensured for sinusoidal & alternating currents.

### Type A

Tripping is ensured for sinusoidal, alternating residual currents as well as for pulsed DC residual currents. **Application:** Loads with electronics, rectifiers, instruments.

### Type A [IR]

Same characteristics as Type A, but with greater resistance to mains disturbances (surges) and atmospheric discharges (lightning) 8/20 $\mu$ s: 3000A.

In (A)	Type	I $\Delta$ (mA)	2 Pole - 2mod.	4 Pole - 3mod.	4 Pole - 4mod.
25	AC	10	GWD4001	-	-
		30	GWD4002	GW94662	GWD4102
		100	GWD4003	-	GWD4103
		300	GWD4004	GW94664	GWD4104
	A	10	GWD4011	-	-
		30	GWD4012	GW94867	GWD4112
		100	GWD4013	-	GWD4113
		300	GWD4014	GW94869	GWD4114
40	AC	30	GWD4022	GW94667	GWD4122
		100	GWD4023	GW94668	GWD4123
		300	GWD4024	GW94669	GWD4124
		500	GWD4025	GW94670	GWD4125
	A	30	GWD4032	GW94897	GWD4132
		100	GWD4033	GW94898	GWD4133
		300	GWD4034	GW94899	GWD4134
		500	GWD4035	GW94900	GWD4135
63	AC	30	GWD4042	-	GWD4142
		100	GWD4043	-	GWD4143
		300	GWD4044	-	GWD4144
		500	GWD4045	-	GWD4145
	A	30	GWD4052	-	GWD4152
		100	GWD4053	-	GWD4153
		300	GWD4054	-	GWD4154
		500	GWD4055	-	GWD4155
A [IR]	30	GWD4208	-	GWD4223	
	30	GWD4062	-	GW94761	
80	AC	100	GWD4063	-	-
		300	GW94795	-	GW94766K
		30	GWD4072	-	-
	A	100	-	-	-
		300	-	-	-
		300	-	-	-
100	AC	30	-	-	GW94777K
		100	-	-	-
		300	-	-	GW94779
	A	30	-	-	GW94957
		100	-	-	GW94958
		300	-	-	-
125	AC	500	-	-	-
		30	-	-	GW95601
		300	-	-	GW95603
	A	500	-	-	GW95604
		30	-	-	GW95606
		300	-	-	GW95608
500	-	-	GW95609		



**STANDARD EARTH LEAKAGE RELAYS (RCBO'S)**

2 Pole (230V) 4.5kA MDC45 / 6kA MDC60 (E.L.R.) with overload protection



Rated Current	Code 30mA, AC Type, 4.5kA	Code 30mA, A Type, 4.5kA	Code 300mA, A Type, 4.5kA	Code 30mA, A Type, 6kA	Code 30mA, A[IR] Type, 6kA	Code 300mA, A Type, 6kA	Mod
10A	GW94026	GW94226	GW94236	GW94326	GW95806	GW94336	2
16A	GW94027	GW94227	GW94237	GW94327	GW95807	GW94337	2
20A	GW94028	GW94228	GW94238	GW94328	GW95808	GW94338	2
25A	GW94029	GW94229	GW94239	GW94329	GW95809	GW94339	2
32A	GW94030	GW94230	GW94240	GW94330	GW95810	GW94340	2

4 Pole (400V + N)

16A	GW94067	GW94267	GW94277	GW94367	GW95817	GW94377	4
25A	GW94069	GW94269	GW94279	GW94369	GW95819	GW94379	4
32A	GW94070	GW94270	GW94280	GW94370	GW95820	GW94380	4

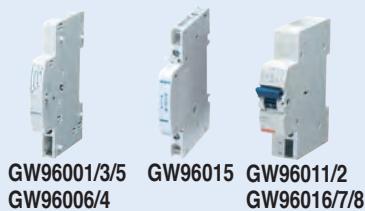
Note: 10kA available on request

**Add-on Residual Current devices (RCBOs) - BD Range**

**Add-on Residual Current devices (RCBOs) - BDHP Range**

Type	mA	2 mod.		3,5 mod.		3,5 mod.		4 mod.	6 mod.	6 mod.
		In ≤ 25A	In ≤ 63A	In ≤ 25A	In ≤ 63A	In ≤ 25A	In ≤ 63A	In ≤ 125A	In ≤ 125A	In ≤ 125A
AC	10	GW94401	-	-	-	-	-	-	-	-
	30	GW94402	GW94412	GW94442	GW94448	GW94422	GW94432	GW95406	GW95416	GW95426
	300	GW94403	GW94413	GW94443	GW94449	GW94423	GW94433	GW95408	GW95418	GW95428
	500	GW94404	GW94414	GW94444	GW94450	GW94424	GW94434	-	-	-
A	30	GW94502	GW94512	GW94542	GW94547	GW94522	GW94532	GW95436	GW95446	GW95456
	300	GW94503	GW94513	GW94543	GW94548	GW94523	GW94533	GW95438	GW95448	GW95458
	500	GW94504	GW94514	GW94544	GW94549	GW94524	GW94534	-	-	-
A [IR]	300-3000	-	-	-	-	-	-	-	-	GW95512

**DIN ACCESSORIES FOR MCB'S & RCBO'S**



GW96001/3/5  
GW96006/4

GW96015

GW96011/2  
GW96016/7/8



Application

GW96041



DIN Blanks

**Accessories for Modular Devices**

Code	Rating / Voltage	Type	Description	No. Modules
GW96001	6A@230V(3A@400V)	Auxiliary for MCB	Signals the position of switch contacts,	0.5
GW96003	6A@230V(2A@400V)	Auxiliary for RCCB	when switched on or tripped	0.5
GW96005	5A@230V(0.5A@400V)	Auxiliary for RCCB		0.5
GW96006	6A@230V(3A@400V)	Alarm Contact for MCB	Indicates the automatic opening of the circuit breaker caused by overloading, shortcircuiting or earth fault	0.5
GW96004	6A@230V(2A@400V)	Alarm Contact for RCCB		0.5
GW96011	12-48VAC/DC	Shunt trip for MCB	Used for tripping the circuit breaker to which they are mounted	1
GW96012	110-415VAC	Shunt trip for MCB		1
GW96015	230VAC	Shunt trip for RCCB		0.5
GW96016	230VAC	Under Voltage Release	300mS delay. Release Voltage -Un -55%	1
GW96017	24VAC/DC	Under Voltage Release	Trips the circuit breaker when the voltage falls below the minimum value	1
GW96018	48VAC/DC	Under Voltage Release		1
GW96041	To lock lever in 'on' or 'off' position. For lock size 8mmØ MCB description			
GW40423	DIN Blanks, 17.5mm wide, 4 1/2 Modules per trip			

**Busbars**

Code	Description	Caps
AS-25-SN	Busbar terminal for wire sizes up to 25mm <sup>2</sup>	-
S1L-1000/16	Insulated busbar 1 phase 63Amps, 1000mm, 56 poles	-
S2L-1000/16	Insulated busbar 2 phase 63Amps, 1000mm, 56 poles	EK-B-2+3
S3L-1000/16	Insulated busbar 3 phase 63Amps, 1000mm, 56 poles	EK-B-2+3



S1L-1000/16



CB1

AS-25-SN End Cap



## SURGE PROTECTIVE DEVICES LST



### Surge Protective Devices - Type 1 + 2

Code	No. of Poles	Iimp (10/350µs)	I <sub>max</sub> (8/20µs)	Rated Voltage	Aux Contact	Spare Cartridge	
						Phase	Neutral
GWD6401	1P + N (2M)	12.5kA	65kA	230VAC	No	GWD6451	GWD6452
GWD6402	3P + N (4M)	12.5kA	65kA	400VAC	No		GWD6453
GWD6404	1P + N (4M)	25kA	100kA	230VAC	Yes	GWD6433	GWD6434
GWD6405	3P + N (8M)	25kA	100kA	400VAC	Yes		GWD6435

Characteristics: SPDs are equipped with extractable cartridges with optic end of life signal

### Surge Protective Devices - Type 2



Code	No. of Poles	No. Modules EN 50022	I <sub>max</sub> (8/20µs)	Rated Voltage	Aux Contact	Spare Cartridge	
						Phase	Neutral
GWD6411	1P	1M	40kA	230VAC	No	GWD6441	-
GWD6412	1P	1M	40kA	230VAC	Yes		
GWD6413	1P	1M	40kA	400VAC	No	GWD6442	
GWD6407	1P + N	2M	20kA	230VAC	No	GWD6436	GWD6438
GWD6417	1P + N	2M	40kA	230VAC	No	GWD6441	GWD6443
GWD6418	1P + N	2M	40kA	230VAC	Yes		
GWD6409	3P + N	4M	20kA	400VAC	No	GWD6436	GWD6438
GWD6419	3P + N	4M	40kA	400VAC	No	GWD6441	GWD6443
GWD6420	3P + N	4M	40kA	400VAC	Yes		

Characteristics: SPDs are equipped with extractable cartridges with optic end of life signal



### Surge Protective Devices for Telecom & Dataline

Code	No. Modules EN 50022	I <sub>max</sub> (8/20µs)	Rated Voltage AC	Aux Contact
GWD6430	1M	10kA	50V	No

## 90 PV RANGE - STRING BOXES



### Pre-Wired String Boards

Code	No. of Strings	Rated Current	No. of Board Modules
<b>String Voltage: 600VDC</b>			
GWD9901	2	25A	1 x 12
GWD9902	3	25A	2 x 12
GWD9903	4	25A	2 x 12
<b>String Voltage: 800VDC</b>			
GWD9906	2	20A	1 x 12
<b>String Voltage: 1000VDC</b>			
GWD9907	3	32A	2 x 12
GWD9908	4	32A	2 x 12

For DC Fuses see page 206

Accessories: Cable Glands as spare parts and equipotential terminal blocks. DC fuses not included.

## DC DEVICES FOR PHOTOVOLTAIC CELLS

### Switch Disconnectors



Code	No. of Poles	Rated Current	Rated VDC	No. of Modules
GW96186	2P	25A (DC21B)	600V	3.5
GW96187	4P	32A (DC21B)	1000V	3.5

Note: Utilisation category DC21B. These switch disconnectors cannot be combined.

### Surge Protective Devices - Type 2 for Photovoltaic Applications



Code	Rated VDC	Max Discharge Current (8/20µs)	No. of Modules	Aux End-of-life Contact	Spare Cartridges
GWD6426	600V	40kA	3	No	GWD6446
GWD6428	1000V	40kA	3	No	GWD6448

Characteristics: SPDs are equipped with extractable cartridges with optic end-of-life signal.

### Disconnectable Fuse-Holders - Utilization category DC20B








Code	No. of Poles	Rated Current	Rated VDC	Fuse Dimensions	No. of Modules
GW96226	1P	20A	1000V	10.3 x 38mm	1
GW96227	2P	20A	1000V	10.3 x 38mm	2

For DC Fuses see page 206

**70 RT HP ROTARY ISOLATORS**

<ul style="list-style-type: none"> <li>c/w Padlockable handle for up to 3 locks Ø8mm</li> <li>External mounting lugs for ease of installation</li> <li>High performance materials</li> </ul>	<b>Plastic Enclosure IP66/67/69</b>		<b>Metal Enclosure IP66</b>		<b>Panel Mount</b>	<b>Rotary Switch</b>
	 Command	 Emergency	 Command	 Emergency		

In AC22A @500V	Poles	Command	Emergency	Knock Outs	Dimensions W x H x D (mm)	Command	Emergency	Entries	Dimensions W x H x D (mm)	Panel Mount	Panel Depth (mm)	DIN Rail
<b>16A</b>	2P	GW70401P	GW70431P	4 x M20/25	125x150x76	GW70401M	GW70431M	4 x M20	140x165x64	GW70001	87-145	GW70201
	3P	GW70402P	GW70432P	4 x M20/25	125x150x76	GW70402M	GW70432M	4 x M20	140x165x64	GW70002	87-145	GW70202
	4P	GW70403P	GW70433P	4 x M20/25	125x150x76	GW70403M	GW70433M	4 x M20	140x165x64	GW70003	87-145	GW70203
<b>25A</b>	2P	GW70416P	GW70486P	4 x M20/25	125x150x76	GW70416M	GW70486M	2xM20+2xM25	140x165x64	-	-	-
	3P	GW70417P	GW70487P	4 x M20/25	125x150x76	GW70417M	GW70487M	2xM20+2xM25	140x165x64	GW70052	-	-
	4P	GW70418P	GW70488P	4 x M20/25	125x150x76	GW70418M	GW70488M	2xM20+2xM25	140x165x64	GW70053	-	-
<b>32A</b>	2P	GW70404P	GW70434P	4 x M20/25	125x150x76	GW70404M	GW70434M	2xM20+2xM25	140x165x64	GW70004	87-145	GW70204
	3P	GW70405P	GW70435P	4 x M20/25	125x150x76	GW70405M	GW70435M	2xM20+2xM25	140x165x64	GW70005	87-145	GW70205
	4P	GW70406P	GW70436P	4 x M20/25	125x150x76	GW70406M	GW70436M	2xM20+2xM25	140x165x64	GW70006	87-145	GW70206
<b>40A</b>	2P	GW70413P	GW70441P	4 x M20/25	125x150x76	GW70413M	GW70441M	2xM20+2xM25	140x165x64	-	-	-
	3P	GW70414P	GW70442P	4 x M20/25	125x150x76	GW70414M	GW70442M	2xM20+2xM25	140x165x64	GW70055	-	-
	4P	GW70415P	GW70443P	4 x M20/25	125x150x76	GW70415M	GW70443M	2xM20+2xM25	140x165x64	GW70053	-	-
<b>63A</b>	3P	GW70407P	GW70437P	4 x M25/32	156x200x95	GW70407M	GW70437M	4 x M32	215x252x91	GW70007	114-177	GW70207
	4P	GW70408P	GW70438P	4 x M25/32	156x200x95	GW70408M	GW70438M	4 x M32	215x252x91	GW70008	114-177	GW70208
<b>80A</b>	3P	GW70419P	GW70489P	4 x M25/32	156x200x95	GW70419M	GW70489M	4 x M32	215x252x91	GW70058	-	-
	4P	GW70420P	GW70490P	4 x M25/32	156x200x95	GW70420M	GW70490M	4 x M32	215x252x91	GW70059	-	-
<b>100A</b>	3P	GW70421P	GW70491P	-	237x316x178	GW70421M	GW70491M	-	257x307x121	GW70061	-	-
	4P	GW70422P	GW70492P	-	237x316x178	GW70422M	GW70492M	-	257x307x121	GW70062	-	-
<b>125A</b>	3P	GW70423P	GW70493P	-	237x316x178	GW70423M	GW70493M	-	257x307x121	GW70064	-	-
	4P	GW70424P	GW70494P	-	237x316x178	GW70424M	GW70494M	-	257x307x121	GW70065	-	-
<b>160A</b>	3P	GW70425P	GW70495P	-	237x316x178	GW70425M	GW70495M	-	257x307x121	GW70067	-	-
	4P	GW70426P	GW70496P	-	237x316x178	GW70426M	GW70496M	-	257x307x121	GW70068	-	-

	Auxiliary Contacts			Extension Bracket	Spare Handles	
Ui: 400V Current Rating (AC15): 6A (230V) 3A (380V)						
<b>In</b>	<b>1NO + 1NC</b>	<b>2NO</b>	<b>2NC</b>	<b>GW70009</b>	<b>GW70409</b>	<b>GW70410</b>
16-80A	GW70026	GW70027	GW70028	Galvanised Steel Panel Depth Adjust.	For 16/32A Panel Mount	For 63A Panel Mount
100-160A	GW70029	-	-	Extension Bracket 117-305mm		



**Surface Mounting Isolator - Control version with lockable black knob - DC Voltage 1000V | IP66/67/69**

Code	No. of Poles	Rated Current	Outer dim. LxHxD mm	Holes Entry
GW70401P	2P	16A	153,6 x 200,6 x 117	14 x M20
GW70402P	3P	25A	153,6 x 200,6 x 117	14 x M20
GW70403P	3P	32A	153,6 x 200,6 x 117	14 x M20
GW70416P	4P	32A	153,6 x 200,6 x 117	14 x M20
GW70417P	3P	40A	153,6 x 200,6 x 117	14 x M20
GW70418P	4P	40A	153,6 x 200,6 x 117	14 x M20

**INDUSTRIAL PLUGS, SOCKETS & SOCKET OUTLETS**

**IP Ratings**

IP	1st Digit	2nd Digit
	Ingress of Solids	Ingress of Liquids
4	Solid objects larger than ø1mm	Splashing Water
5	Dust in a harmful quantity	Water Jet
6	Dust (total protection)	Powerful Water Jet
7	N/A	Temporary Immersion
8	N/A	Continuous Immersion
9	N/A	Powerful hot water jet

To realise an **IP68/69** rating, the two **IP69** products must be used together



Straight Plugs (Screw Wiring)	Straight Plugs (c/w Phase Rot. Switch)	Straight Plugs (Fast Wiring)	Straight Plugs (Screw Wiring)	Straight Plugs (c/w Phase Rot. Switch)	Straight Plugs (Fast Wiring)	90° Plugs (Screw Wiring)	90° Plugs (Screw Wiring)	Straight Flush Mounting Socket-Inlets (Screw Wiring)
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Rated Current	Rated Volts (V)	Poles	Ref. (h)	IP44/54	IP44/54	IP44/54	IP66/67 IP68/69	IP66/67 IP68/69	IP66/67 IP68/69	IP44	IP67	IP44
<b>16A</b>	<b>110</b> 100 - 130	2P+ $\perp$	4	GW60001H -		GW60001FH	GW60023H -		GW60023FH	GW60082	GW60105	GW60201
		3P+ $\perp$	4	GW60002H -		GW60002FH	GW60024H -		GW60024FH	<b>GW60083</b>	<b>GW60106</b>	GW60202
		3P+N+ $\perp$	4	GW60003H -		GW60003FH	GW60025H -		<b>GW60025FH</b>	<b>GW60084</b>	<b>GW60107</b>	GW60203
	<b>220</b> 200 - 250	2P+ $\perp$	6	GW60004H -		GW60004FH	GW60026H -		GW60026FH	GW60085	GW60108	GW60204
		3P+ $\perp$	9	GW60005H	GW60005WH	GW60005FH	GW60027H	GW60027WH	GW60027FH	GW60086	<b>GW60109</b>	<b>GW60205</b>
		3P+N+ $\perp$	9	GW60006H	GW60006WH	GW60006FH	GW60028H	GW60028WH	GW60028FH	GW60087	<b>GW60110</b>	<b>GW60206</b>
	<b>400</b> 380 - 415	2P+ $\perp$	9	GW60007H -		GW60007FH	GW60029H -		GW60029FH	<b>GW60088</b>	<b>GW60111</b>	<b>GW60207</b>
		3P+ $\perp$	6	GW60008H	GW60008WH	GW60008FH	GW60030H	GW60030WH	GW60030FH	GW60089	GW60112	GW60208
		3P+N+ $\perp$	6	GW60009H	GW60009WH	GW60009FH	GW60031H	GW60031WH	GW60031FH	GW60090	GW60113	GW60209
	<b>500</b> 480 - 525	3P+ $\perp$	7	GW60010H -		GW60009FH	GW60032H -		GW60032FH	GW60091	GW60114	GW60210
		3P+N+ $\perp$	7	GW60011H -		GW6010FH	GW60033H -		GW60033FH	GW60092	GW60115	GW60211
	<b>32A</b>	<b>110</b> 100 - 130	2P+ $\perp$	4	GW60012H -		GW60012FH	GW60034H -		<b>GW60034FH</b>	GW60093	GW60116
3P+ $\perp$			4	GW60013H -		<b>GW60013FH</b>	GW60035H -		GW60035FH	<b>GW60094</b>	<b>GW60117</b>	<b>GW60213</b>
3P+N+ $\perp$			4	GW60014H -		<b>GW60014FH</b>	GW60036H -		<b>GW60036FH</b>	<b>GW60095</b>	GW60118	<b>GW60214</b>
<b>220</b> 200 - 250		2P+ $\perp$	6	GW60015H -		GW60015FH	GW60037H -		GW60037FH	GW60096	GW60119	GW60215
		3P+ $\perp$	9	GW60016H	GW60016WH	GW60016FH	GW60038H	GW60038WH	GW60038FH	<b>GW60097</b>	<b>GW60120</b>	<b>GW60216</b>
		3P+N+ $\perp$	9	GW60017H	GW60017WH	GW60017FH	GW60039H	GW60039WH	GW60039FH	<b>GW60098</b>	<b>GW60121</b>	GW60217
<b>400</b> 380 - 415		2P+ $\perp$	9	GW60018H -		GW60018FH	GW60040H -		GW60040FH	GW60099	GW60122	<b>GW60218</b>
		3P+ $\perp$	6	GW60019H	GW60019WH	GW60019FH	GW60041H	GW60041WH	GW60041FH	GW60101	GW60123	GW60219
		3P+N+ $\perp$	6	GW60020H	GW60020WH	GW60020FH	GW60042H	GW60042WH	GW60042FH	GW60102	GW60124	GW60220
<b>500</b> 480 - 525		3P+ $\perp$	7	GW60021H -		-	GW60043H -		-	GW60103	GW60125	GW60221
		3P+N+ $\perp$	7	GW60022H -		-	GW60044H -		-	GW60104	GW60126	GW60222
<b>380 - 440</b>		3P+ $\perp$	3	GW60729H -		-	GW60145H -		-	-	GW60146	-
<b>63A</b>	<b>110</b> 100 - 130	2P+ $\perp$	4	GW61013H -		-	GW61045H -		-	-	-	-
		3P+ $\perp$	4	GW61014H -		-	GW61046H -		-	-	-	-
	<b>220</b> 200 - 250	2P+ $\perp$	6	GW61016H -		-	GW61048H -		-	-	-	-
		3P+ $\perp$	9	GW61017H -		-	GW61049H -		-	-	-	-
	<b>400</b> 380 - 415	3P+N+ $\perp$	9	GW61018H -		-	GW61050H -		-	-	-	-
		2P+ $\perp$	9	GW61019H -		-	-		-	-	-	-
<b>500</b> 480 - 525	3P+ $\perp$	6	GW61020H -		-	GW61052H -		-	-	-	-	
	3P+N+ $\perp$	6	GW61021H -		-	GW61053H -		-	-	-	-	
<b>125A</b>	<b>400</b> 380 - 415	3P+ $\perp$	6	-		-	GW60060H -		-	-	-	-
		3P+N+ $\perp$	6	-		-	GW60061H -		-	-	-	-
	<b>500</b> 480 - 525	3P+ $\perp$	7	-		-	GW60062H -		-	-	-	-
		3P+N+ $\perp$	7	-		-	GW60063H -		-	-	-	-

Codes in Red - Available on Request Only

Note: 63A & 125A Straight Plugs c/w Pilot Contact



**INDUSTRIAL PLUGS, SOCKETS & SOCKET OUTLETS**



Straight Surface Mounting Socket-Inlets (Screw Wiring)	90° Surface Mounting Socket-Inlets (Screw Wiring)	90° Surface Mounting Socket-Inlets (Screw Wiring)	Straight Connectors (Screw Wiring)	Straight Connectors (Fast Wiring)	Straight Connectors (Screw Wiring)	Straight Connectors (Fast Wiring)	10° Flush Mounting Socket-Outlets (Screw Wiring)	10° Flush Mounting Socket-Outlets (Screw Wiring)	90° Connectors (Screw Wiring)	90° Connectors (Screw Wiring)	10° Flush Mounting Socket-Outlets (c/w N.O. contact)
IP67	IP44	IP67	IP44/54	IP44/54	IP66/67 IP68/69	IP66/67 IP68/69	IP44/54	IP66/67	IP44	IP67	
GW60223	GW60401	GW60423	GW62001H	GW62001FH	GW62023H	GW62023FH	GW62201H	GW62224H	GW62082	GW62105	-
GW60224	GW60402	GW60424	GW62002H	GW62002FH	GW62024H	GW62024FH	GW62202H	GW62225H	GW62083	GW62106	-
GW60225	GW60403	GW60425	GW62003H	GW62003FH	GW62025H	GW62025FH	GW62203H	GW62226H	GW62084	GW62107	-
GW60226	GW60404	GW60426	GW62004H	GW62004FH	GW62026H	GW62026FH	GW62205H	GW62227H	GW62085	GW62108	-
GW60227	GW60405	GW60427	GW62005H	GW62005FH	GW62027H	GW62027FH	GW62206H	GW62228H	GW62086	GW62109	-
GW60228	GW60406	GW60428	GW62006H	GW62006FH	GW62028H	GW62028FH	GW62207H	GW62229H	GW62087	GW62110	-
GW60229	GW60407	GW60429	GW62007H	GW62007FH	GW62029H	GW62029FH	GW62208H	GW62230H	GW62088	GW62111	-
GW60230	GW60408	GW60430	GW62008H	GW62008FH	GW62030H	GW62030FH	GW62209H	GW62231H	GW62089	GW62112	-
GW60231	GW60409	GW60431	GW62009H	GW62009FH	GW62031H	GW62031FH	GW62210H	GW62232H	-	GW62113	-
GW60232	GW60410	GW60432	GW62010H	-	GW62032H	-	GW62211H	GW62233H	GW62091	GW62114	-
GW60233	GW60411	GW60433	GW62011H	-	GW62033H	-	GW62212H	GW62234H	GW62092	GW62115	-
GW60234	GW60412	GW60434	GW62012H	GW62012FH	GW62034H	GW62034FH	GW62213H	GW62235H	GW62093	GW62116	-
GW60235	GW60413	GW60435	GW62013H	GW62013FH	GW62035H	GW62035FH	GW62214H	GW62236H	GW62094	GW62117	-
GW60236	GW60414	GW60436	GW62014H	GW62014FH	GW62036H	GW62036FH	GW62215H	GW62237H	GW62095	GW62118	-
GW60237	GW60415	GW60437	GW62015H	GW62015FH	GW62037H	GW62037FH	GW62216H	GW62238H	-	GW62119	-
GW60238	GW60416	GW60438	GW62016H	GW62016FH	GW62038H	GW62038FH	GW62217H	GW62239H	GW62097	GW62120	-
GW60239	GW60417	GW60439	GW62017H	GW62017FH	GW62039H	GW62039FH	GW62218H	GW62240H	GW62098	GW62121	-
GW60240	GW60418	GW60440	GW62018H	GW62018FH	GW62040H	GW62040FH	GW62219H	GW62241H	GW62099	GW62122	-
GW60241	GW60419	GW60441	GW62019H	GW62019FH	GW62041H	GW62041FH	GW62220H	GW62242H	GW62101	GW62123	-
GW60242	GW60420	GW60442	GW62020H	GW62020FH	GW62042H	GW62042FH	GW62221H	GW62243H	GW62102	GW62124	-
GW60243	GW60421	GW60443	GW62021H	-	GW62043H	-	GW62222H	GW62244H	GW62103	GW62125	-
GW60244	GW60422	GW60444	GW62022H	-	GW62044H	-	GW62223H	GW62245H	GW62104	GW62126	-
GW60268	-	GW60482	GW62729H	-	GW62128H	-	GW62829H	GW62283H	-	GW62127	-
-	-	GW61445	GW63013H	-	GW63045H	-	GW63213H	GW63246H	-	-	-
-	-	GW61446	GW63014H	-	GW63046H	-	GW63214H	GW63247H	-	-	-
-	-	GW61448	GW63016H	-	GW63048PH	-	GW63216H	GW63249PH	-	-	-
-	-	GW61449	GW63017H	-	GW63049H	-	GW63217H	GW63250H	-	-	-
-	-	GW61450	GW63018H	-	GW63050H	-	GW63218H	GW63251H	-	-	-
-	-	-	GW63019H	-	-	-	GW63219H	GW63252H	-	-	-
-	-	GW61452	GW63020H	-	GW63052PH	-	GW63220H	GW63253PH	-	-	-
-	-	GW61453	GW63021H	-	GW63053PH	-	GW63221H	GW63254PH	-	-	-
-	-	GW61454	-	-	GW63054PH	-	-	GW63255PH	-	-	-
-	-	GW61455	-	-	GW63055PH	-	-	GW63256PH	-	-	-
-	-	GW60460	-	-	GW62060PH	-	-	GW62261PH	-	-	GW68785
-	-	GW60461	-	-	GW62061PH	-	-	GW62262PH	-	-	GW68786
-	-	GW60462	-	-	GW62062PH	-	-	GW62263PH	-	-	-
-	-	GW60463	-	-	GW62063PH	-	-	GW62264PH	-	-	-

**Codes in Red - Available on Request Only** Note: Connector & Socket codes ending with PH include Pilot Contact

# INDUSTRIAL PLUGS, SOCKETS & SOCKET OUTLETS



To realise an **IP68/69** rating, the two **IP69** products must be used together

Codes in Red - Available on Request Only				10° Surface Mounting Socket-Outlets (Screw Wiring)	10° Surface Mounting Socket-Outlets (Screw Wiring)	90° Surface Mounting Socket-Outlets (Screw Wiring)	90° Surface Mounting Socket-Outlets (Screw Wiring)	Combibloc Socket-Outlets with Rotary Switch without bottom	Combibloc Socket-Outlets with Rotary Switch with Bottom	Combibloc Socket-Outlets with Rotary Switch without Bottom
Rated Current (A)	Rated Voltage (V)	Poles	Reference (h)	IP44	IP67	IP44	IP67	IP44	IP44	IP55
16	110 100 - 130	2P+ $\frac{\perp}{\perp}$	4	GW62401	GW62423	GW62474	GW62496	GW66423	GW66401	GW66467
		3P+ $\frac{\perp}{\perp}$	4	GW62402	GW62424	GW62475	GW62497	GW66424	GW66402	GW66468
		3P+N+ $\frac{\perp}{\perp}$	4	GW62403	GW62425	GW62476	GW62498	GW66425	GW66403	GW66469
	220 200 - 250	2P+ $\frac{\perp}{\perp}$	6	GW62404	GW62426	GW62477	GW62499	GW66426	GW66404	GW66470
		3P+ $\frac{\perp}{\perp}$	9	GW62405	GW62427	GW62478	GW62501	GW66427	GW66405	GW66471
		3P+N+ $\frac{\perp}{\perp}$	9	GW62406	GW62428	GW62479	GW62502	GW66428	GW66406	GW66472
	400 380 - 415	2P+ $\frac{\perp}{\perp}$	9	GW62407	GW62429	GW62480	GW62503	GW66429	GW66407	GW66473
		3P+ $\frac{\perp}{\perp}$	6	GW62408	GW62430	GW62481	GW62504	GW66430	GW66408	GW66474
		3P+N+ $\frac{\perp}{\perp}$	6	GW62409	GW62431	GW62482	GW62505	GW66431	GW66409	GW66475
	500 480 - 525	3P+ $\frac{\perp}{\perp}$	7	GW62410	GW62432	GW62483	GW62506	-	-	-
3P+N+ $\frac{\perp}{\perp}$		7	GW62411	GW62433	GW62484	GW62507	-	-	-	
32	110 100 - 130	2P+ $\frac{\perp}{\perp}$	4	GW62412	GW62434	GW62485	GW62508	GW66434	GW66412	GW66478
		3P+ $\frac{\perp}{\perp}$	4	GW62413	GW62435	GW62486	GW62509	GW66435	GW66413	GW66479
		3P+N+ $\frac{\perp}{\perp}$	4	GW62414	GW62436	GW62487	GW62510	GW66436	GW66414	GW66480
	220 200 - 250	2P+ $\frac{\perp}{\perp}$	6	GW62415	GW62437	GW62488	GW62511	GW66437	GW66415	GW66481
		3P+ $\frac{\perp}{\perp}$	9	GW62416	GW62438	GW62489	GW62512	GW66438	GW66416	GW66482
		3P+N+ $\frac{\perp}{\perp}$	9	GW62417	GW62439	GW62490	GW62513	GW66439	GW66417	GW66483
	400 380 - 415	2P+ $\frac{\perp}{\perp}$	9	GW62418	GW62440	GW62491	GW62514	GW66440	GW66418	GW66484
		3P+ $\frac{\perp}{\perp}$	6	GW62419	GW62441	GW62492	GW62515	GW66441	GW66419	GW66485
		3P+N+ $\frac{\perp}{\perp}$	6	GW62420	GW62442	GW62493	GW62516	GW66442	GW66420	GW66486
	500 480 - 525	3P+ $\frac{\perp}{\perp}$	7	GW62421	GW62443	GW62494	GW62517	-	-	-
3P+N+ $\frac{\perp}{\perp}$		7	GW62422	GW62444	GW62495	GW62518	-	-	-	
380 - 440	3P+ $\frac{\perp}{\perp}$	3	-	GW62556	-	GW62557	-	-	-	
63	110 100 - 130	2P+ $\frac{\perp}{\perp}$	4	-	GW63445	-	GW63519	-	-	-
		3P+ $\frac{\perp}{\perp}$	4	-	GW63446	-	GW63520	-	-	-
	220 200 - 250	2P+ $\frac{\perp}{\perp}$	6	-	GW63448	-	GW63522	-	-	-
		3P+ $\frac{\perp}{\perp}$	9	-	GW63449	-	GW63523	-	-	-
	400 380 - 415	3P+N+ $\frac{\perp}{\perp}$	9	-	GW63450	-	GW63524	-	-	-
		3P+ $\frac{\perp}{\perp}$	6	-	GW63452	-	GW63526	-	-	-
500 480 - 525	3P+N+ $\frac{\perp}{\perp}$	6	-	GW63453	-	GW63527	-	-	-	
	3P+ $\frac{\perp}{\perp}$	7	-	GW63454	-	GW63528	-	-	-	
3P+N+ $\frac{\perp}{\perp}$	7	-	GW63455	-	GW63529	-	-	-		
125	400 380 - 415	3P+ $\frac{\perp}{\perp}$	-	-	-	-	GW62534	-	-	-
		3P+N+ $\frac{\perp}{\perp}$	-	-	-	-	GW62535	-	-	-
	500 480 - 525	3P+ $\frac{\perp}{\perp}$	-	-	-	-	GW62536	-	-	-
3P+N+ $\frac{\perp}{\perp}$		-	-	-	-	GW62537	-	-	-	

**INDUSTRIAL PLUGS, SOCKETS & SOCKET OUTLETS**

 **Padlockable in OFF Position**



**NOTE 1:**

New range of **IP67** vertically interlocked socket outlets now available with built-in miniature circuit breaker, 6kA, C-Curve.

\*With 3 Phase Indication Lights

\* See NOTE 1: With Built-in MCB

To realise an **IP68/69** rating, the two **IP69** products must be used together

**Codes in Red - Available on Request Only**

Rated Current (A)	Rated Voltage (V)	Poles	Ref. (h)	Combibloc Socket-Outlets with Rotary Switch with Bottom	Vertical Socket-Outlets with MCB, with bottom (AUTOMATIKA)	Vertical Socket-Outlets with Rotary Switch, without bottom	Vertical Socket-Outlets with Rotary Switch, with bottom	Vertical Socket-Outlets with Rotary Switch, with bottom (for heavy duty)	Vertical Socket-Outlets for DINCB/RCD Modular devices with bottom (for heavy duty)	Horizontal Socket-Outlets with Rotary Switch, with bottom
				IP55	IP67	IP67	IP67	IP67	IP66	IP44
16	110 100 - 130	2P+ $\perp$	4	GW66445	GW66051N	GW66301N	GW66201N	GW66501	GW66974	GW66001
		3P+ $\perp$	4	GW66446	GW66052N	GW66302N	GW66202N	GW66502	GW66975	GW66002
		3P+N+ $\perp$	4	GW66447	GW66053N	GW66303N	GW66203N	GW66503	GW66976	GW66003
	220 200 - 250	2P+ $\perp$	6	GW66448	GW66054N	GW66304N	GW66204N	GW66504	GW66977	GW66004
		3P+ $\perp$	9	GW66449	GW66055N	GW66305N	GW66205N	GW66505	GW66978	GW66005
		3P+N+ $\perp$	9	GW66450	GW66056N	GW66306N	GW66206N	GW66506	GW66979	GW66006
	400 380 - 415	2P+ $\perp$	9	GW66451	GW66057N	GW66307N	GW66207N	GW66507	GW66980	GW66007
		3P+ $\perp$	6	GW66452	GW66058N	GW66308N	GW66208N	GW66508	GW66981	GW66008
		3P+N+ $\perp$	6	GW66453	GW66059N	GW66309N	GW66209N	GW66509	GW66982	GW66009
	500 480 - 525	3P+ $\perp$	7	-	-	GW66310N	GW66210N	GW66510	GW66983	GW66010
		3P+N+ $\perp$	7	-	-	GW66311N	GW66211N	GW66511	GW66984	GW66011
	32	110 100 - 130	2P+ $\perp$	4	GW66456	GW66062N	GW66312N	GW66212N	GW66512	GW66985
3P+ $\perp$			4	GW66457	GW66063N	GW66313N	GW66213N	GW66513	GW66986	GW66013
3P+N+ $\perp$			4	GW66458	GW66064N	GW66314N	GW66214N	GW66514	GW66987	GW66014
220 200 - 250		2P+ $\perp$	6	GW66459	GW66065N	GW66315N	GW66215N	GW66515	GW66988	GW66015
		3P+ $\perp$	9	GW66460	GW66066N	GW66316N	GW66216N	GW66516	GW66989	GW66016
		3P+N+ $\perp$	9	GW66,461	GW66067N	GW66317N	GW66217N	GW66517	GW66990	GW66017
400 380 - 415		2P+ $\perp$	9	GW66462	GW66068N	GW66318N	GW66218N	GW66518	GW66991	GW66018
		3P+ $\perp$	6	GW66463	GW66069N	GW66319N	GW66219N	GW66519	GW66992	GW66019
		3P+N+ $\perp$	6	GW66464	GW66070N	GW66320N	GW66220N	GW66520	GW66993	GW66020
500 480 - 525		3P+ $\perp$	7	-	-	GW66321N	GW66221N	GW66521	GW66994	GW66021
		3P+N+ $\perp$	7	-	-	GW66322N	GW66222N	GW66522	GW66995	GW66022
		3P+ $\perp$	3	-	-	GW66357N	GW66257N	GW66523	GW66996	-
63	110 100 - 130	2P+ $\perp$	4	-	-	GW67356N	GW67256N	GW66524	GW66866	-
		3P+ $\perp$	4	-	-	GW67357N	GW67257N	GW66525	GW66867	-
	220 200 - 250	2P+ $\perp$	6	-	-	GW67359N	GW67259N	GW66527	GW66869	-
		3P+ $\perp$	9	-	-	GW67360N	GW67260N	GW66528	GW66870	-
	400 380 - 415	3P+N+ $\perp$	9	-	-	GW67361N	GW67261N	GW66529	GW66871	-
		3P+ $\perp$	6	-	-	GW67363N	GW67263N	GW66531	GW66873	-
500 480 - 525	3P+N+ $\perp$	6	-	-	GW67364N	GW67264N	GW66532	GW66874	-	
	3P+ $\perp$	7	-	-	GW67365N	GW67265N	GW66533	GW66875*	-	
		3P+N+ $\perp$	7	-	-	GW67366N	GW67266N	GW66534	GW66876	-

**Electrically Interlocked with Circuit Breaker**

Rated Current (A)	Rated Voltage (V)	Poles	Reference (h)	Polyester Grey	Mild Steel Orange	304 SS Brushed
				IP65	IP65	IP65
125	400 380 - 415	3P+ $\perp$	6	GX66585	GX66585/MS	GX66585/304
		3P+N+ $\perp$	6	GX66586	GX66586/MS	GX66586/304
	500 480 - 525	3P+ $\perp$	7	GX66587	GX66587/MS	GX66587/304



**Watertight Vertical Socket Outlet with Safety Transformer - IP55**  
230/24V 160VA Transformer

Rated Current	Description
16A	2P + E . Output 24VAC, Input 230VAC. The socket outlet is equipped with a thermal protection device



GW66259N



## INDUSTRIAL PLUGS, SOCKETS & SOCKET OUTLETS



GW66493



Application

GW40422



Complimentary Items for Combibloc Range Interlocked Socket-Outlets  
Empty Vertical Watertight Boards. **IP55**

Code	No. of Compact Interlocked Socket Outlets	No. of DIN Modules	Dispersable Power (CEI 23-49) (W)
GW66491	1 (16/32A)	4	10W
GW66492	2 (16/32A)	8	13W
GW66493	3 (16/32A)	12	24W

### Cylindrical Key

Code	Description
GW40422	Cylindrical security/safety lock. Die-cast metal (2 keys supplied)

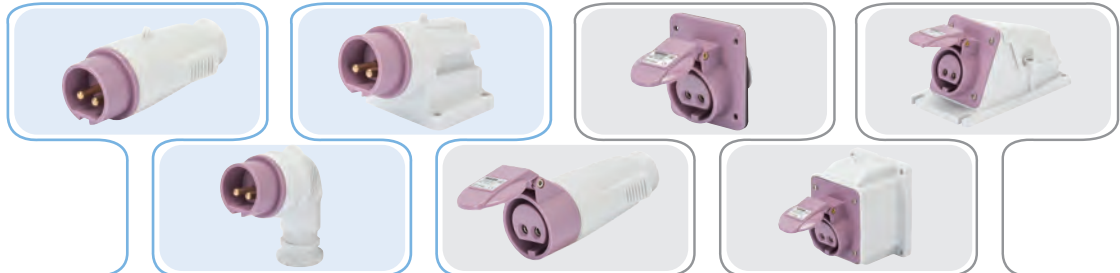
### Mounting Boxes



Code	Description
GW66496	Back box only, for Combibloc 16/32A - <b>IP55</b>
GW66498	Flush mounting box with frame, for Combibloc 16/32A - <b>IP55</b>
GW66678N	Back box only, for vertical socket outlets 16/32A
GW66686	Back box only, for vertical socket outlets 63A
GW66683N	Flush mounting box with frame, for vertical socket outlets 16/32A
GW66741N	Surface mounting box, for 1x16A & 1x16/32A IEC309 sockets
GW66743N	Flush mounting box, for 1x16A & 1x16/32A IEC309 sockets
GW66676	Back box only, for horizontal socket outlets 16/32A
GW66681	Flush mounting box with frame, for horizontal socket outlets 16/32A

## NEW EXTRA LOW VOLTAGE PLUG & SOCKET OUTLETS - IEC309 BTS

Codes in Red - Available on Request Only



Rated Current (A)	Rated Voltage (V)	Poles	Ref. (h)	Straight Plug (Screw Wiring)	90° Plug (Screw Wiring)	90° Surface Mounting Inlet (Screw Wiring)	Straight Connectors (Screw Wiring)	10° Flush Mounting Socket Outlet	10° Surface Mounting Socket Outlet	90° Surface Mounting Socket Outlet
				IP44	IP44	IP44	IP44	IP44	IP44	IP44
16	20 - 25	2P	-	GW60064	GW60127	GW60464	GW62064	GW62265	GW62456	GW62538
		3P	-	GW60065	GW60128	GW60465	GW62065	GW62266	GW62457	GW62539
	40 - 50	2P	12	GW60066	-	-	GW62066	-	-	-
		3P	12	GW60067	-	-	GW62067	GW62268	-	-
	20 - 25 40 - 50 100 - 200Hz	2P	4	GW60068	-	-	GW62068	-	-	-
		3P	4	GW60069	-	-	GW62069	-	-	-
		2P	11	GW60070	-	-	GW62070	-	-	-
		3P	11	GW60071	-	-	GW62071	-	-	-
	20 - 25DC 40 - 50DC	2P	10	GW60072	-	-	GW62072	-	-	-
		20 - 25	2P	-	GW60073	GW60136	GW60473	GW62073	GW62274	GW62465
3P	-		GW60074	GW60137	GW60473	GW62074	GW62275	GW62466	GW62548	
32	40 - 50	2P	12	GW60075	-	-	GW62075	-	-	-
		3P	12	GW60076	-	-	GW62076	-	-	-
	20 - 25 40 - 50 100 - 200Hz	2P	4	GW60077	-	-	GW62077	-	-	-
		3P	4	GW60078	-	-	GW62078	-	-	-
	20 - 25 40 - 50 400 - 500Hz	2P	11	GW60079	-	-	GW62079	-	-	-
		3P	11	GW60080	-	-	GW62080	-	-	-
20 - 25DC 40 - 50DC	2P	10	GW60081	-	-	GW62081	-	-	-	

**MULTIPLE-OUTLET SOCKETS & ADAPTORS**

		Watertight sockets with plug	Watertight socket adaptor with plug	Watertight 2 x 16A socket outlet with plug	Watertight sockets with 2M of flexible extension	Caravan Extension cord. 2P-E Socket to 16A 230VAC Janus Plug.	Conversion Adaptors: IEC 309 for 20 system	Fitted conversion adaptor shunts plug for 20 system
Rated Current (A)	Input Plug	IP67	IP67	IP67	IP67	IP20	IP40	IP40
16	2P + ⚡	GW64024	-	GW64010	GW64052	GX64050 (5m) GX64051 (10m)	GW64206	GW64223
	3P + ⚡	GW64027	-	GW64013	GW64055	-	-	-
	3P + N + ⚡	GW64028	GW64060	GW64014	GW64056	-	GW64207	GW64228
32	3P + ⚡	GW64068	-	-	-	-	-	-
	3P + N + ⚡	-	GW64061	-	-	-	-	-
Output Sockets Configuration						RA310BK	GW20209 2P+E 15A - 250V ~	

**INTERNATIONAL PLUGS & SOCKETS | APPLIANCE INLET ACCESSORIES**

Code	Poles	Amps	Qty
<b>Italian Standard</b>			
GW28205	2P + E	16A Socket	25/200
GW28005	2P + E	16A Plug	25/300
<b>German / French Standard</b>			
GW28011	2P + E	16A Plug	25/300
<b>Italian / German Adaptor</b>			
GW28410	2P + E	10A Plug to 16A Socket	15/150

**Watertight Caps for Appliance Inlets IP67**

Code	Amps	Poles
GW60263	16A	2P + E
GW60264	16A	3P + E
GW60265	16A	3P + N + E
GW60266	32A	2P+E & 3P+E
GW60267	32A	3P + N + E

**IP RATED ENCLOSURES FOR USE WITH Q-DIN**

**COMBI 22 Plastic Pushbutton Control Station Enclosures IP65** **ELT**

No. of holes	Code	Size H x W x D
1	● MK27101	82 x 66 x 65
1	● MK27111	85 x 75 x 65
2	● MK27102	132 x 82 x 65
3	● MK27103	171 x 66 x 65
2 x 3 (3 x 2)	● MK27104	171 x 132 x 65
4 x 3 (3 x 4)	● MK27105	264 x 171 x 65

**Junction box for combination of modular Enclosures & Components - IP55**

Code	Description	Size (mm)
GW27402	Junction Box	132 x 82 x 55
GW26406	Watertight coupler pg16	Ø23 Hole
GW44622	Insulating Screen Cap	Ø16

**Industrial Surface Mounting Socket - IP44**

Code	Amps	Poles	Voltage
GW26222	16A	2P + E	230V
GW26223	16A	3P + E	400V

**2 x 4 Flush Mount Socket - IP44**

Code	Amps	Poles	Voltage
GW26420	16A	2P + E	230V
GW26421	16A	3P + E	400V

## 68Q-DIN DISTRIBUTION BOARDS IP65

### Q-DIN 5 Distribution Boards

 Application	 <b>GW68017N</b>	 <b>GW68018N</b>	 <b>GW68001N</b>
<b>Code</b>	<b>GW68017N</b>	<b>GW68018N</b>	<b>GW68001N</b>
Configuration	1 x 16A IEC 309 Flange	2 x 16A IEC 309 Flanges	3 x 16A IEC 309 Flanges
Size (mm)	105 x 258 x 96	105 x 337 x 96	105 x 430 x 96
Lids Supplied	None	None	1 x <b>GW68292</b>

### Q-DIN 10 Distribution Boards

 Application	 <b>GW68002N</b>	 <b>GW68003N</b>	 <b>GW68019N</b>	 <b>GW68025N</b>
<b>Code</b>	<b>GW68002N</b>	<b>GW68003N</b>	<b>GW68019N</b>	<b>GW68025N</b>
Configuration	Plain Lid	2x16A + 2x16/32A IEC 309 Flanges	2x16/32A Horizontal Socket Flanges	2x16/32A Vert. Socket Flanges
Size (mm)	220 x 435 x 96	220 x 435 x 96	220 x 435 x 96	220 x 435 x 96
Lids Supplied	None	1 x <b>GW68292</b> & 1 x <b>GW68293</b>	1 x <b>GW66701</b>	1 x <b>GW66703N</b>

### Q-DIN 14 Distribution Boards

 Application	 <b>GW68005N</b>	 <b>GW68004N</b>	 <b>GW68006N</b>	 <b>GW68007N</b>
<b>Code</b>	<b>GW68005N</b>	<b>GW68004N</b>	<b>GW68006N</b>	<b>GW68007N</b>
Configuration	3 x 16/32A IEC 309 Flanges	Plain Lid	2 x 16/32A Horizontal Socket Flanges	Plain Lid
Size (mm)	320 x 360 x 120	320 x 360 x 120	320 x 360 x 120	320 x 510 x 120
Lids Supplied	1 x <b>GW68293</b>	None	1 x <b>GW66701</b>	None






 Application	 <b>GW68008N</b>	 <b>GW68009N</b>	 <b>GW68010N</b>
<b>Code</b>	<b>GW68008N</b>	<b>GW68009N</b>	<b>GW68010N</b>
Configuration	6 x 16/32A IEC 309 Flanges	4 x Horizontal Socket 16/32A Flanges	3 x 16/32A Vert. Socket Flanges
Size (mm)	320 x 510 x 120	320 x 510 x 120	320 x 510 x 120
Lids Supplied	2 x <b>GW68293</b>	2 x <b>GW66701</b>	1 x <b>GW66703N</b>

### DIN 20 Distribution Boards

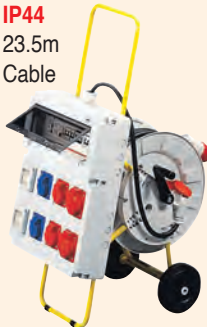



 Application	 <b>GW68012N</b>	 <b>GW68013N</b>	 <b>GW68014N*</b>	 <b>GW68015N</b>	 <b>GW68021N</b>	 <b>GW68022N</b>
<b>Code</b>	<b>GW68012N</b>	<b>GW68013N</b>	<b>GW68014N*</b>	<b>GW68015N</b>	<b>GW68021N</b>	<b>GW68022N</b>
Configuration	Plain Lid	8 x 16/32A IEC 309 Flanges	4x16/32A Horizontal Socket with Fuse Holder Flanges	4x16/32A Vertical Socket + 4x16A IEC 309 Flanges	4 x 16/32A + 2 x 63A IEC 309 Flanges	2 x 16/32A + 1 x 63A Vertical Socket Flanges
Size (mm)	450 x 560 x 120	450 x 560 x 120	450 x 560 x 120	450 x 560 x 120	450 x 560 x 120	450 x 560 x 120
Lids Supplied	None	2 x <b>GW68293</b>	2 x <b>GW66701</b>	2x <b>GW66703N</b> + 4x <b>GW68292</b>	2x <b>GW68293</b> + 1x <b>GW68294</b>	1 x <b>GW66703N</b>









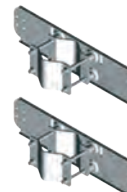


**68Q-DIN COMPLETE BOARDS**

Caravan Board – Fully Assembled (Other combinations available)				Stand Only					
Code	GX98000 - *	Code	GX98016	Code	GX98020	GW68431	GW68432		
	*Add outlet to code: <b>SA</b> ; <b>UK</b> ; <b>SCH</b> (Schuko) <u>Outlets</u> 6 x 16A 230V 2P+E <u>Protection - IP55</u> 40A E.L.U 6 x 16A MCB		<u>Outlets</u> 6 x 16A 2P+E <u>Protection - IP44</u> 40A E.L.U 6 x 10A MCB		<u>Outlets</u> 6 x Schuko 16A 230V 2P+E <u>Protection - IP54</u> 40A E.L.U 6 x 16A MCB		Yellow Stand with cable reel, for Q-DIN10		Yellow Stand with cable reel & wheels for Q-DIN14/20

**Mobile Distribution Boards – Fully Assembled (Other combinations available on request)**

	<b>IP44</b> 23.5m Cable		<b>IP65</b> 23.5m Cable		<b>IP44</b> 23.5m Cable		<b>IP44</b> 23.5m Cable	
Code	GX68421	GX68422	GX68425	GX68426				
	<u>Input</u> 32A 400V 3P+N+E <u>Outlets</u> 2 x 32A 400V 3P+N+E 2 x 16A 400V 3P+E 2 x 16A 230V 2P+E 2 x 16A 230V <u>Protection</u> 1 x 40A 30mA 4P E/L 2 x 16A 1P MCB 1 x 16A 3P MCB 1 x 32A 3P MCB	<u>Input</u> 32A 400V 3P+N+E <u>Switched Outlets</u> 1 x 32A 400V 3P+N+E 1 x 16A 400V 3P+E 2 x 16A 230V 2P+E <u>Protection</u> 1 x 40A 30mA 4P E/L 2 x 16A 1P MCB 1 x 16A 3P MCB 1 x 32A 3P MCB	<u>Input</u> 32A 400V 3P+N+E <u>Outlets</u> 6 x 16A 230V 2P+E <u>Protection</u> 1 x 40A 30mA 4P E/L 6 x 16A 1P MCB	<u>Input</u> 32A 400V 3P+N+E <u>Outlets</u> 8 x 16A 230V 2P+E <u>Protection</u> 1 x 40A 30mA 4P E/L 6 x 16A 1P MCB				

**68Q-DIN ACCESSORIES**

	<b>Add on Q-Din DB IP65 RAL 7035</b>				<b>Security Lock</b>		<b>Watertight Covers</b>	
	<b>Code</b>	<b>Dimensions L x H x D</b>	<b>No. of Modules</b>		<b>Code</b>	<b>Description</b>	<b>IP55</b>	<b>IP65</b>
	GW68023N	320 x 241 x 120	14	GW40422	Die-Cast Metal			
	GW68024N	450 x 241 x 120	20		<b>IP65 Coupling</b>			
					<b>Code</b>	<b>Description</b>		
				GW66673	PG29 Coupling			
	<b>Surface Mounting Brackets</b>				<b>Pole Mounting Kit - 2pcs</b>			
	<b>Code</b>	<b>Description</b>	<b>For Q-Din</b>		<b>Code</b>	<b>For Q-Din</b>	<b>Load Weight</b>	
	GW44621	Plastic - 1pc	5		GW46552	14	12kg	
GW46446	Galv. Steel - 4pcs	10/14/20		GW46553	20	125kg		
GW46451	St. Steel - 4pcs	10/14/20						
	<b>Additional Covers for Q-Din Boards - To be Ordered Separately</b>							
	<b>Code</b>	<b>Description</b>					<b>Size L x H (mm)</b>	
	GW68292	Lid for IEC 309 16A					85 x 75	
	GW68293	Lid for IEC 309 32A					95 x 8	
	GW68294	Lid for IEC 309 63A					110 x 100	
	GW66703N	Lid for Vertical Interlocked Socket-Outlet 16-32A					220 x 103	
	GW66705N	Lid for Vertical Interlocked Socket-Outlet 63A					270 x 145	
GW66701	Lid for Horizontal Interlocked Socket-Outlet 16-32A					115 x 155		
GW66702	Lid for Horizontal Interlocked Socket-Outlet with 16-32A Fuse Holder					150 x 196		
							<b>GW62392</b>	
							Fits 16/32A Flanges	

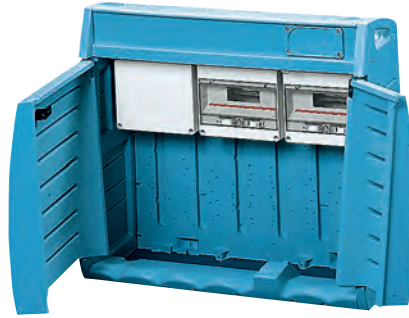
# 68ACS Q-BOX WORK SITE DISTRIBUTION BOARDS

4-way



GW68465

6-way



GW68466



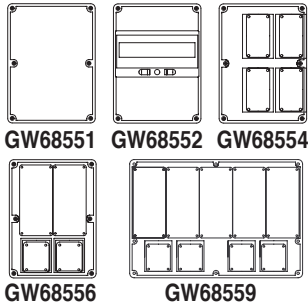
Application Example of Q-Box 4 + GW68503 + GW68559 + GW68504 with added sockets & MCB's

## Q-Box 4 Unwired Board - IP55

Code	Description
GW68465	636 x 821 x 400mm Robust Enclosure Useable Interior Space: 540 x 415mm Includes: 12 Way Distribution Board, Junction Box, Set of Mounting brackets, Earth Terminal

## Q-Box 6 Unwired Board - IP55

Code	Description
GW68466	914 x 821 x 400mm Robust Enclosure Useable Interior Space: 810 x 415 Includes: 2 x 12 Way Distribution Boards, Junction Box, Set of Mounting Brackets, Earth Terminal



## Add on Panels For Q-Box 4/6 - IP55

Code	Outer Dim. LxHxD	Dimensions (W x H)	Ctn
GW68551	Panel with blank lid for non-modular devices	270 x 368mm	1
GW68552	12 Module distribution board	270 x 368mm	1
GW68554	Panel with 4 x 16/32A Combibloc Flanges	270 x 368mm	1
GW68556	Panel with 2 x 16/32A vertical socket + 2 x 16A IEC 309 Flanges	270 x 368mm	1
GW68559	Panel with 5 x 16/32A vertical socket + 4 x 16A IEC 309 Flanges	540 x 368mm	1

Chassis Plate for MCCB's		
Code	Description	Ctn
GW68591	For MCCB from 160A	1/20

For GW68552 Panel

12-Module Watertight Enclosure Front		
Code	No. of Modules	Ctn
GW68503	12	1/8

To convert Junction Box to Additional DB

Yellow Metal Support For Q-Box 4/6		
Code	Outer Dim. LxHxD	Ctn
GW68463	1100 x 1650 x 630mm	1

2 side handles for manual handling, 2 slots on the top for lifting with a crane

Document Holder Pocket - In Self-Adhesive Insulating Material With Kit Of Blank Labels		
Code	Dimensions LxHxD	Ctn
GW46447	310 x 230mm	1/10

Pole Mounting Kit		
Code	For use with	Ctn
GW46554	Q-Box 4	1

For mounting Q-Box 4 on poles from 60mm to 80mm

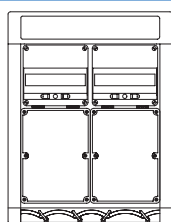
Emergency Push Button Kit		
Code	Description	Ctn
GW68504	Kit containing E-stop with 1NO/1NC contact blocks, pilot light and resistor.	1/4

Watertight Plug-Socket-Outlet Block		
Code	Description	Ctn
GW68505	Plug/socket - outlet block	1/10

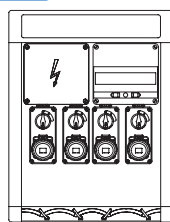
Note: The block is suitable for 32A (only 3P+E and 3P+N+E) and 63A socket-outlet - plug connections

Security Lock With Handle - Keyed Alike		
Code	Description	Ctn
GW46445	Security lock c/w 2 keys	10

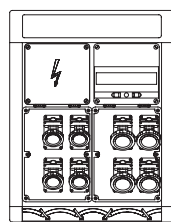
## Configuration Examples



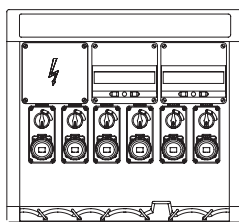
24 Modules + space for non-modular devices



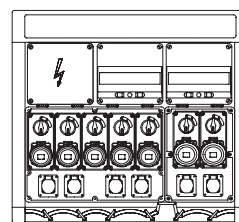
12 modules + 4 vertical sockets 16/32A



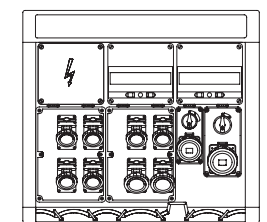
12 modules + 8 COMBIBLOC sockets 16/32A



24 modules + 6 vertical sockets 16/32A



24 modules + 7 vertical sockets 16/32A + 6 IEC 309 sockets 16A



24 modules + 8 COMBIBLOC sockets 16/32A + 1 vertical socket 16/32A + 1 vertical socket 63A



**MARINA DISTRIBUTION TERMINALS IP56**



Brilliant for Tourist Marinas

**68 Q-MC Range**

With its innovative and functional design, the system solves all the needs for the provision of energy and services in ports, campsites and public areas, perfectly fitting in with the surroundings.

Based on an aluminium tubular frame, Gewiss Marina Terminals are strong and designed to withstand all the combined effects of sun and sea spray.

Many derivatives can be manufactured to incorporate energy metering and billing, fire hydrants, compressed air or fresh water supply.

Available locally in blue, white is available ex-indent.



GW68712A

GW68713W



GW68714A



GW68750A GW68748A

**Compact Electrical & Water Distribution Pedestal - 68 Q-MC 16T, 63B & 63C Range**

Code	Description	DIN Modules	Can Accept		Plug Mounting	Size (mm) (W x H x D)
			Water Kit	Light Kit		
GW68712*	16T Empty Portable Pedestal	18 (9 x 2)	No	Yes	Double Sided	445 x 697 x 346
GW68713*	63B Empty Pedestal	18 (9 x 2)	Yes	Yes	Double Sided	445 x 950 x 300
GW68714*	63C Empty Pedestal	18 (9 x 2)	Yes	Yes	Double Sided	445 x 1284 x 300

**Accessories**

Code	Description
GW68745*	Mounting Flange for 2 x Vertical Interlocked Socket 16/32A
GW68746*	Mounting Flange for 2 x Horizontal Interlocked Socket 16/32A
GW68748*	Mounting Flange for 4 x IEC 309 Sockets 16/32A
GW68750*	Cover Plate - Blank
GW68794	63B/C Water Kit - 4 x Lockable Taps
GW68790	Lighting Kit 16W 230V 50Hz (2D GR8 Lamp)
GW68791	Emergency Lighting Kit 16 W 230 V 50Hz (2D GR10 Lamp)
GW68776	Security Lock with 2 x Keys for Enclosed & Blank Doors

\* Add colour to code: **W** (White), **A** (Light Blue)



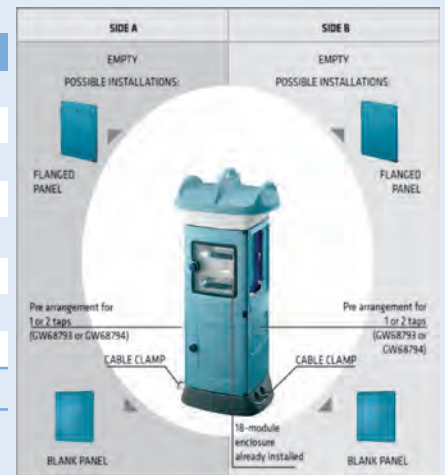
GW68776



GW68790



GW68794



Q-MC 63B Compact Terminal with Double-Face Take-Off - GW68713A - GW68713W

**High Capacity Electrical & Water Distribution Pedestal - 68 Q-MC 125B & 200B Range**

Code	Description	DIN Modules*	Can Accept		Plug Mounting	Size (mm) (W x H x D)
			Water Kit	Light Kit		
GW68715*	125B Empty Pedestal	14 (14 x 1)	Yes	Yes	Single Sided	600 x 840 x 520
GW68717*	200B Empty Pedestal	28 (14 x 2)	Yes	Yes	Double Sided	600 x 1540 x 600

**Accessories**

Code	Description
GW68731W	White Mounting Flange for 3 x Vertical Interlocked Sockets 16/32A
GW68732W	White Mounting Flange for 4 x Horizontal Interlocked Sockets 16/32A
GW68734W	White Mounting Flange for 6 x Sockets 16/32A
GW68735W	White Mounting Flange for 2 x Vertical Interlocked Sockets 63A
GW68741*	Cover Plate with transparent Door for MCBs - 14 Modules
GW68737*	Cover Plate - Blank
GW68762A	Light Blue support for Flexible Tube (Hose Pipe)
GW68753	Water Kit 4 x Lockable Taps
GW68751	Lighting Kit 11W 230V 50Hz (PL G23 Lamp)
GW68752	Emergency Lighting Kit 11W 230V 50Hz (PLE 2G7 Lamp)
GW68758	Security Lock with 2 x Keys

\* Add colour to code: **W** (White), **A** (Light Blue)

\* GW68741 to be ordered separately



GW68717W

GW68715A



GW68741W

GW68737W

GW68731W



GW68758

GW68751

GW68752

GW68762A

GW68753

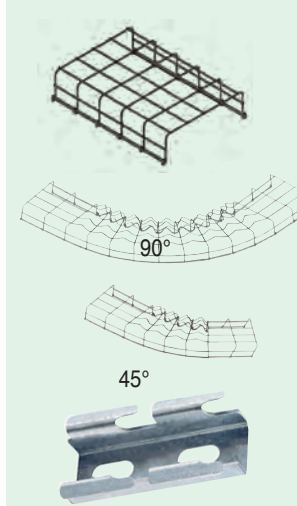


Q-MC 200B High Capacity Terminal with Double-Face Take-Off GW68717A - GW68717W



## CABLE RACKING - WIRE MESH

Manufactured with all ends cleanly finished and bent over. No sharp edges! Fast installation.



Description	BFR 30 – 30mm Height						BFR 60 – 60mm Height			
	100mm		150mm		200mm		300mm		500mm	
	Code	Ctn	Code	Ctn	Code	Ctn	Code	Ctn	Code	Ctn

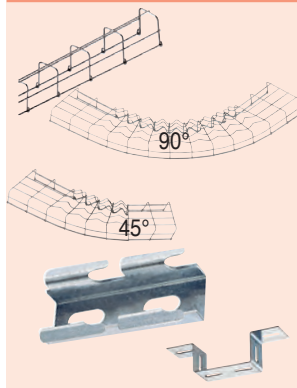
**Hot Dip Galvanised** before manufacture to 20 microns. Excellent for indoor and outdoor installations in normal environment.

Cable Tray 3m length	MV50521/3	30	MV50522/3	18	MV50523/3	12	MV50535/3	6	MV50537/3	6
90° Horizontal Bend	MV52521	1	MV52522	1	MV52523	1	MV52535	1	MV52537	1
45° Horizontal Bend	MV53521	1	MV53522	1	MV53523	1	MV53535	1	MV53537	1

Small type: Vertical bends and coupling between different sizes achieved on site by cutting out sections, bending and clamping together

### Accessories

Universal Support	MV51130	100	MV51131	70	MV51132	50	MV51133	40	MV51135	25
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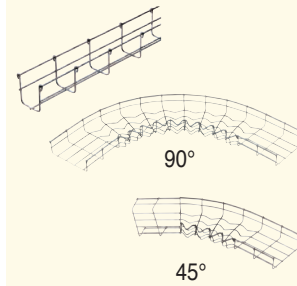
**Stainless Steel 304** for all aggressive environments including marine and chemical.

Cable Tray 3m length	MV50621/3	30	MV50622/3	18	MV50623/3	12	MV50635/3	6	MV50637/3	6
90° Horizontal Bend	MV52621	1	MV52622	1	MV52623	1	MV52635	1	MV52637	1
45° Horizontal Bend	MV53621	1	MV53622	1	MV53623	1	MV53635	1	MV53637	1

Vertical bends and coupling between different size achieved on site by cutting out sections, bending and clamping together.

### Accessories

Universal support attaches to bottom of tray	MV51630	100	MV51631	70	MV51632	50	MV51633	40	MV51635	25
Support S/S 304	MV64670	30	MV64671	30	MV64671	30	MV64672	30	MV64674	25



**High Protection Galvanized Steel** for better electromechanical protection against dust and liquids.

Cable Tray 3m length	MV50721/3	30	MV50722/3	18	MV50723/3	12	MV50725/3	6	MV50727/3	6
90° Horizontal Bend	MV52721	1	MV52722	1	MV52723	1	MV52735	1	MV52737	1
45° Horizontal Bend	MV53721	1	MV53722	1	MV53723	1	MV53735	1	MV53737	1

Vertical bends and coupling between different size achieved on site by cutting out sections, bending and clamping together

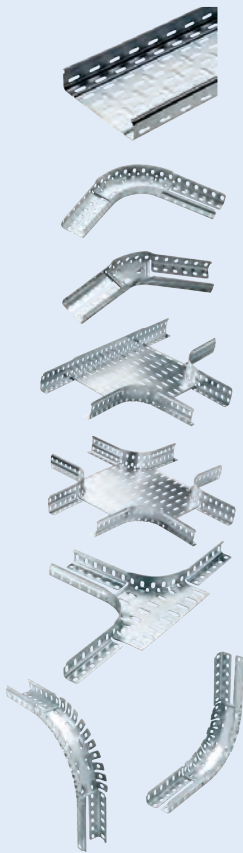


Accessories for all sizes	304 Stainless Code	Galvanised Code	Pack Order Qty
Straight coupler – rigid coupling	MV51823	MV51123	1
Nut, bolt and clamp for straight coupler above	–	MV51422/100	/100
Universal Coupler: Outside clamp	MV51620/100	MV51420/100	/100
Inside clamp	–	MV51421/100	/100
M6 x 20 bolt & nut	–	MV66403/100	/100
Junction box support	MV51601	MV51101	1
Suspension Hanger (use 8mm ø threaded bar)	MV51605	MV51105	1
Safety nylon rivet for above	MV51806	MV51806/100	100
Boltless Speed Lock Coupler - Universal	–	MV51110	1
Compact boltless speed lock coupler - widths 100/150/200mm	MV51813	MV51113	50
Compact boltless speed lock coupler - widths 300mm	MV51814	MV51114	50
Compact boltless speed lock coupler - widths 500mm	MV51815	MV51115	50
Threaded bar M8 - 1m Length	–	THR-M8	/m
Shears with asymmetrical blades (Bolt cutter)	–	HT10-6214	1

**CABLE RACKING - PERFORATED STEEL**

**Perforated Galvanised Steel Tray**

Protection: Continuous hot-dip galvanising of sheet metal before manufacturing. Z275 zinc finish is 21 microns. Ideal for indoor installations in a normal environment



Description	Side Wall 35mm High					
	65mm W	95mm W	155mm W	215mm W	305mm W	395mm W
Cable Tray, 3m length Carton (Qty)	<b>MV40100/3</b> (30)	<b>MV40101/3</b> (30)	<b>MV40103/3</b> (18)	<b>MV40105/3</b> (12)	<b>MV40108/3</b> (6)	<b>MV40111/3</b> (6)
90° Horizontal Bend (External Bend) Carton (Qty)	<b>MV42100</b> (2)	<b>MV42101</b> (2)	<b>MV42103</b> (2)	<b>MV42105</b> (2)	<b>MV42108</b> (2)	<b>MV42111</b> (2)
45° Horizontal Bend Carton (Qty)	<b>MV43100</b> (2)	<b>MV43101</b> (2)	<b>MV43103</b> (2)	<b>MV43105</b> (2)	<b>MV43108</b> (2)	<b>MV43111</b> (2)
Horizontal T junction Carton (Qty)	<b>MV46100</b> (2)	<b>MV46101</b> (2)	<b>MV46103</b> (2)	<b>MV46105</b> (2)	<b>MV46108</b> (2)	<b>MV46111</b> (2)
Horizontal cross junction (4 Way) Carton (Qty)	<b>MV47100</b> (2)	<b>MV47101</b> (2)	<b>MV47103</b> (2)	<b>MV47105</b> (2)	<b>MV47108</b> (2)	<b>MV47111</b> (2)
T Branch Carton (Qty)	<b>MV49100</b> (2)	<b>MV49101</b> (2)	<b>MV49103</b> (2)	<b>MV49105</b> (2)	<b>MV49108</b> (2)	<b>MV49111</b> (2)
Upward Curve (Riser) Carton (Qty)	<b>MV44100</b> (2)	<b>MV44101</b> (2)	<b>MV44103</b> (2)	<b>MV44105</b> (2)	<b>MV44108</b> (2)	<b>MV44111</b> (2)
Downward Curve (Dropper) Carton (Qty)	<b>MV45100</b> (2)	<b>MV45101</b> (2)	<b>MV45103</b> (2)	<b>MV45105</b> (2)	<b>MV45108</b> (2)	<b>MV45111</b> (2)

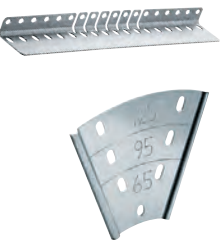
**Accessories**



Code	Description	Pack Order Qty	Ctn
<b>MV41110</b>	Boltless speed lock coupler	1	100
<b>MV41120</b>	Straight jointing piece	1	100
<b>MV41130</b>	Pliable jointing piece	1	200
<b>MV66100/100</b>	Bolt & Nut M6 x10	/100	100

**Horizontal Junctions**

Order Internal & External folding angles plus pre-cut 45° bottom piece. Use two for 90°. Order Bolts separately.



<b>MV48100</b>	Folding Angle 90°/45° Internal	1	10
<b>MV48101</b>	Folding Angle 90°/45° External	1	10
<b>MV48131</b>	Pre-cut 45° Bottom Piece: Width 65/95mm	1	10
<b>MV48132</b>	155/215mm	1	10
<b>MV48133</b>	305mm	1	10
<b>MV48134</b>	395mm	1	10

**Vertical Couplings**

Order 2 x folding angles plus perforated bottom piece. Order Bolts separately

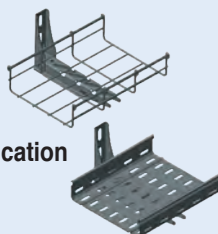


<b>MV48110</b>	Folding Angle	1	10
<b>MV48130</b>	Bottom Piece (perforated)	1	10

**CABLE RACKING - SUPPORT SYSTEMS**



Application



**MV60180**

**Medium Loads - Support brackets for Wall Installation**

Code	Width	Max Load/Bracket	Ctn
<b>MV60180</b>	100	140kg	40
<b>MV60181</b>	150	112kg	30
<b>MV60182</b>	200	70kg	25
<b>MV60184</b>	300	80kg	24
<b>MV60185</b>	400	70kg	28

## CABLE RACKING - SUPPORT SYSTEM

### Heavy Loads – Mavistrut System



MV81406/21

MV64273/4

MV65173/6



MV61100/1/2/3/4



MV61235/6

MV61249/50/51



MV66152/100

Supports for Ceiling Installation	Code	Length/Type	Max Bracket	Ctn
Notched Profile Pendants - c/w Single Notched Profile	MV81406	640mm (41x29 profile)	345mm	12
	MV81421	1040mm (41x41 profile)	545mm	6
Pendant Head - Bolt on	MV64273	Single Type	345mm	12
	MV64274	Double Type	445mm	16
Accessories for Bolt on Pendant Head	M12NP/100	Nut	M12 (Size)	100
	SS1240P/10	Screw	M12 x 40 (Size)	10
	W12P/100	Flat Washer	M12 (Size)	100
Mavistrut notched serated profile 3030mm long	MV65173	3030mm (41x29 Profile)	345mm	4
	MV65176	3030mm (41x41 Profile)	545mm	4

To install MV64273 flange, use 2 M12NP/100 nuts + 2 SS1240P/10 screws + 2 W12P/100 flat washers  
 To install MV64274 flange, use 4 M12NP/100 nuts + 4 SS1240P/10 screws + 4 W12P/100 flat washers

Mavistrut Brackets	Code	Length	Max Load	Ctn
Brackets for Mavistrut notched profile. Clip on cantilever bracket	MV61100	145mm	110kg	50
	MV61101	245mm	100kg	36
	MV61102	345mm	100kg	25
	MV61103	445mm	171kg	16
	MV61104	545mm	150kg	14

### Support Brackets - Can mount onto wall, Hot Dip Galvanised

Profile	Code	Length	Max Load	Ctn
41 x 29	MV61235	150mm	200kg	50
	MV61236	200mm	180kg	36
41 x 41	MV61249	300mm	350kg	25
	MV61250	400mm	300kg	16
	MV61251	500mm	270kg	14

### Accessories

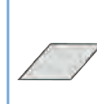
Description	Code	Mavistrut	Dimension	Pack	Ctn
Spring Nut	MV66152/100	41 x 29	M8	100	100
Hex Head Bolt	MV66157/100	41 x 41	M8	100	100
	MV66133/100	-	M8 x 25	100	100

**NEW**

## CABLE DUCT & ACCESS CHAMBER SYSTEMS

### Thermoplastic Access Chambers

Accessories sold separately



Type	Dimensions mm	Complete Access Chambers	Access Chambers without covers	Covers				Accessories			
				Closed		Gridded		Separator Plate	Sealing Gaskets	Kit of 4 screws	Central bolt for lifting kit
				Grey	Green	Grey	Green				
 Square	200x200x200	-	DX59402	DX59410	DX59430	DX59411	DX59431	DX59440	DX59451	DX59450	-
	300x300x300	-	DX59702	DX59710	DX59730	DX59711	DX59731	DX59740	DX59751	DX59450	-
	400x400x400	-	DX59802	DX59810	DX59830	DX59811	DX59831	DX59840	DX59851	DX59452	DX59453
	550x550x520	-	DX59902	DX59910	DX59930	DX59911	DX59931	DX59940	DX59951	DX59452	DX59453

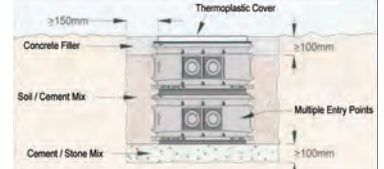
### Kit of 8 Stackable Access Chambers with Smooth Sides c/w Lids

	200x200x200	DX59460	-	DX59410	DX59430	DX59411	DX59431	-	DX59451	DX59450	-
	300x300x300	DX59760	-	DX59710	DX59730	DX59711	DX59731	-	DX59751	DX59450	-

### Rectangular Access Chamber

Accessories sold separately

	360x260x326	-	DX59502	DX59511	DX59230	DX59520	DX59231	Transversal DX59240	DX59551	DX59650	-
								Longitudinal DX59241			
								Diagonal DX59242			





**MULTIPOLE CONNECTORS IP65**

Bases					Hoods			
*1 Lever for 6Pole+E & 48Pole+E		with 2 levers		with levers	High Profile hood	without levers	without levers	with levers
No. of Poles	Insert Size (mm)	Gland Size	Flush Rear Entry	Surface 1 x Gland Entry	Side Entry	Side Entry	Top Entry	Top Entry
*6Pole+E	44 x 27 - 6B	PG16	*GW76401	*GW76301	-	GW76502	GW76504	GW76531
10Pole+E	57 x 27 - 10B	PG16	GW76412	GW76322	-	GW76519	GW76520	GW76536
10Pole+E	57 x 27 - 10B	PG21	GW76412	-	GW76471	-	GW76421	-
16Pole+E	77 x 27 - 16B	PG21	GW76413	GW76324	GW76473	GW76521	GW76522	GW76537
24Pole+E	104 x 27 - 24B	PG21	GW76414	GW76326	GW76475	GW76523	GW76524	GW76538
12/32Pole+E	77 x 62 - 32B	PG36	GW76415	GW76328	-	GW76526	GW76529	GW76540
48Pole+E	104 x 62 - 48B	PG36	*GW76411	*GW76321	-	GW76514	GW76517	-

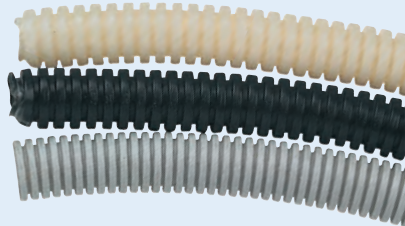
\* 6Pole+E & 48Pole+E only with 1 lever, all other with 2 levers. 48Pole+E c/w Lid.

Connectors 16A 500V - Screw Terminals					Connectors 35A 830V - Screw Terminals																									
Female		Male			Male		Female																							
No. of Poles	Insert Size (mm)	Male	Female	Term. No	No. of Poles	Insert Size (mm)	Male	Female	Term. No																					
6Pole+E	44 x 27 - 6B	GW76103	GW76003	1-6	12Pole+E	77 x 62 - 32B	GW76141	GW76041	1-6																					
10Pole+E	57 x 27 - 10B	GW76104	GW76004	1-10			GW76142	GW76042	7-2																					
16Pole+E	77 x 27 - 16B	GW76105	GW76005	1-16	<table border="1"> <thead> <tr> <th colspan="3">Optional Covers</th> </tr> <tr> <th>Size (mm)</th> <th>For Base</th> <th>For Hood</th> </tr> </thead> <tbody> <tr> <td>44 x 27 - 6B</td> <td>GW76813</td> <td>GW76818</td> </tr> <tr> <td>57 x 27 - 10B</td> <td>GW76805</td> <td>GW76809</td> </tr> <tr> <td>77 x 27 - 16B</td> <td>GW76806</td> <td>GW76810</td> </tr> <tr> <td>104 x 27 - 24B</td> <td>GW76807</td> <td>GW76811</td> </tr> <tr> <td>77 x 62 - 32B</td> <td>GW76808</td> <td>GW76812</td> </tr> </tbody> </table>					Optional Covers			Size (mm)	For Base	For Hood	44 x 27 - 6B	GW76813	GW76818	57 x 27 - 10B	GW76805	GW76809	77 x 27 - 16B	GW76806	GW76810	104 x 27 - 24B	GW76807	GW76811	77 x 62 - 32B	GW76808	GW76812
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44 x 27 - 6B	GW76813	GW76818																												
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77 x 62 - 32B	GW76808	GW76812																												
24Pole+E	104 x 27 - 24B	GW76107	GW76007	1-24																										
32Pole+E	77 x 62 - 32B	GW76105	GW76005	1-16																										
		GW76106	GW76006	17-32																										
48Pole+E	104 x 62 - 48B	GW76107	GW76007	1-24																										
		GW76108	GW76008	25-48																										

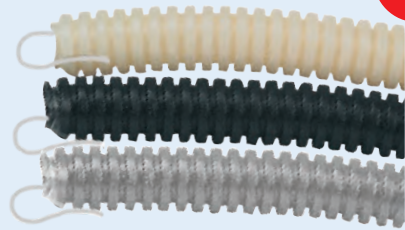
**3 OR 4 POLE CONNECTORS**

Bases - with Lever				Connectors - 10A 250V						
GW76201 GW76202 GW76203 GW76204										
Type	Plastic	Metal	Size (mm)	No. of Poles	Female	Male				
Straight	GW76201	GW76202	24.5 x 35 x 30	3Pole+E	GW76001	GW76101				
90° Angle	GW76203	GW76204	41.5 x 42 x 30	4Pole+E	GW76002	GW76102				
Hoods - M20 Thread				Protection Caps - with retaining cable						
90° Angle		Straight								
with 2 pins		with levers								
Type	Plastic	Metal	Size (mm)	Plastic	Metal	Size (mm)	Type	Plastic	Metal	Size (mm)
Straight	GW76227	GW76228	35 x 27 x 54	GW76231	GW76232	35 x 49 x 51	Female Connector	GW76801	GW76802	35 x 27 x 18
90° Angle	GW76229	GW76230	35 x 36 x 50	-	-		Male Connector	GW76803	GW76804	35 x 27 x 18

**CONDUITS & ACCESSORIES**



**EXTENDED RANGE**



Conduit with Draw Wire

**EXTENDED RANGE**

**Flexible Self-Extinguishing Conduit**

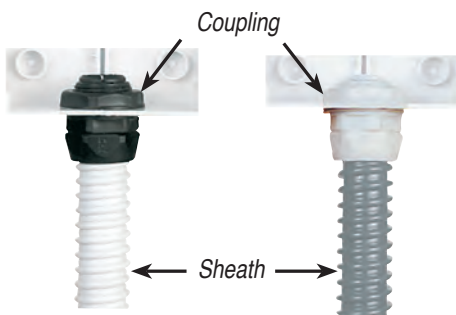
\*Low Halogen +5 - 90°C

Size	Code		Code	
	White PVC	Black PVC	Grey Polypropylene	Length
<b>Rolls</b>				
16mm	DX16216/100	DX15016/100	DX20016/100	/100m
20mm	DX16220/100	DX15020/100	DX20020/100	/100m
25mm	DX16225/50	DX15025/50	DX20025/50	/50m
32mm	DX16232/25	DX15032/25	DX20032/25	/25m
40mm	DX16240/25	DX15040/25	DX20040/25	/25m
50mm	DX16250/25	DX15050/25	DX20050/25	/25m
63mm	DX16263/20	DX15063/20	DX20063/20	/20m

**Flexible Self-Extinguishing Conduit with Draw Wire**

16mm	DX16316/100	DX15116/100	DX20116/100	/100m
20mm	DX16320/100	DX15120/100	DX20120/100	/100m
25mm	DX16325/50	DX15125/50	DX20125/50	/50m
32mm	DX16332/25	DX15132/25	DX20132/25	/25m
40mm	DX16340/25	DX15140/25	DX20140/25	/25m
50mm	DX16350/25	DX15150/25	DX20150/25	/25m
63mm	DX16363/20	DX15163/20	DX20163/20	/25m

**Diflex Range Spiralled Sheath - Heavy duty. Temp. +5°C to 60°C - Packed in 30m coil**



Sheath Ø mm	Black PVC		Grey PVC	
	Coupling IP54	Sheath	Coupling IP54	Sheath
8mm	DX54108	DX30108/30	DX54008	DX30008/30
10mm	DX54110	DX30110/30	DX54010	DX30010/30
12mm	DX54112	DX30112/30	DX54012	DX30012/30
16mm	DX54116	DX30116/30	DX54016	DX30016/30
20mm	DX54120	DX30120/30	DX54020	DX30020/30
25mm	DX54125	DX30125/30	DX54025	DX30025/30
28mm	DX54128	DX30128/30	DX54028	DX30028/30
32mm	DX54132	DX30132/30	DX54032	DX30032/30
40mm	DX54140	DX30140/30	DX54040	DX30040/30
50mm	DX54150	DX30150/30	DX54050	DX30050/30

Note: **IP54** increased to **IP66** when using rigid conduit



GW50415



GW50421

**Couplings (Flexible conduit to enclosure)**

IP54 Code	Conduit Ext. Ø mm	Mounting Hole Ø mm
GW50415	16	20
GW50416	20	23
GW50417	25	29
GW50418	32	37
GW50419	40	48
GW50420	50	54

**Flexible to Rigid Conduit - IP65**

Code	Conduit Ext. Ø mm
DX43420	20
DX43425	25
DX43432	32
DX43440	40



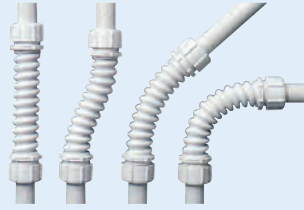
Flexible conduit shown fitted

**Straight Rotating Coupler for flexible Conduits - IP65**

IP44 Code	Conduit Ext. Ø mm	Mounting Hole Ø mm	Code	PG Size	Conduit
GW50421	16	23	DX54417	PG-16	16mm
GW50422	20	23	DX54420	PG-21	20mm
GW50424	25	29	DX54425	PG-29	25mm
GW50425	32	37	DX54432	PG-36	32mm
GW50426	40	37			
GW50427	50	48			



**CONDUITS & ACCESSORIES**



**50 Speedy - Flex Range - RAL 7035 Grey Watertight Flexible Couplings**

IP66 Code	For rigid Conduits with external Ø mm	External Ø mm	Internal Ø mm	Coupling length mm	IP44 Code
GW50201	16	27	13	140	GW50207
GW50202	20	31.5	17	160	GW50208
GW50203	25	41	21.5	205	GW50209



**Saddle Clamps (Shock-Resistant Polymer)**

Code	Size mm	Type
GW50602	20	Clamp
GW50603	25	Clamp
GW50606	20	Collar
GW50607	25	Collar
GW50608	32	Collar
GW50609	200mm long	Rail

**Flexible Joint (for Flexible Conduit)**

Code	Size
GFLEX16	16mm
GFLEX20	20mm
GFLEX25	25mm



GW52001 IP66



GW52071 IP68

**PG Glands (Compression Glands) c/w Lock Nut**

PG Size	Mounting Hole Ø	Code IP66	Cable Ø	Pack Qty	Code IP68	Cable Ø	Pack Qty
7	12.5mm	GW52001	3 - 6mm	50	GW52071	3.5 - 6.5mm	50
9	16mm	GW52002	5 - 8mm	50	GW52072	4 - 8mm	50
11	19mm	GW52003	7 - 10.5mm	25	GW52073	5 - 10mm	50
13.5	20mm	GW52004	9 - 12.5mm	25	GW52074	6 - 12mm	25
16	23mm	GW52005	13 - 16mm	25	GW52075	10 - 14mm	25
21	29mm	GW52006	17 - 20mm	25	GW52076	13 - 18mm	25
29	37mm	GW52007	21 - 26mm	25	GW52077	18 - 25mm	25
36	48mm	GW52008	30 - 34mm	10	GW52078	22 - 32mm	10
42	54mm	GW52009	40 - 43mm	6	GW52079	30 - 38mm	6
48	60mm	GW52010	46 - 50mm	5	GW52080	34 - 44mm	5



**Metal Reducing Couplers**

Code	Male Thread	Female Thread	Description	Pack Qty
GW76867	PG16	PG21	PG Reduction Bush	10/100
GW76868	PG21	PG29		5/50
GW76869	PG29	PG36		5/50
GW76870	M20	M25	Metric Reduction Bush	10/100
GW76871	M25	M32		10/100
GW76872	M32	M40		5/50
GW76873	M40	M50		5/50

**Brass Cable Gland - IP68**



**Brass Cable Gland - IP65**



c/w Multiple Gasket

**Polyamide Cable Gland - IP54**



c/w Clamp

PG Size	Cable Size	Code	Code	Code
PG16	7.5 - 12.5mm	GW76827	GW76843	CRS16
PG21	10 - 19mm	GW76828	GW76844	CRS21
PG29	17 - 24mm	GW76829	GW76845	-
PG36	24 - 33mm	GW76830	GW76846	CRS36

**CONNECTOR WITH CRIMPED CONNECTIONS**

**Insert 4P (40A / 400/690V) + 2P (10A / 250V) + E**



**Hood**



**Base**



Type	Insert 32x13	40A Pins - 6mm <sup>2</sup>	10A Pins - 1mm <sup>2</sup>	GW77362	GW77361
Male	GW76138	GW77278	-	Material GRP; Thread: PG16 For 32x13 Insert	Material GRP; With Lever For 32x13 Insert
Female	GW76038	GW77274	-		



## SMART 3 LED LINEAR FITTING IP66/69

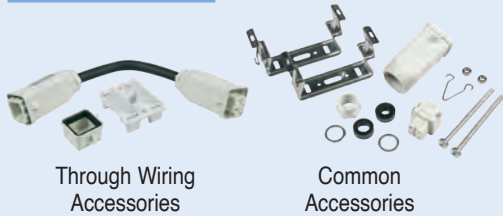


**5 Year Warranty**

GWS3195

GX60004HE

**Accessories Included**



Through Wiring Accessories

Common Accessories

SMART 3 - IP66/69 100 000hr life (L70) | 4000K CCT | CRI 80 | IK08 | -30°C to + 50°C

Code Stand Alone	Code Through Wiring (Linkable)	Power	Lumens	Dimensions (mm)
<b>Transparent Diffuser</b>				
GWS3118T*	GWS3118TL*	15W	1670lm	800 x 110 x 75
GWS3136T*	GWS3136TL*	20W	2510lm	1200 x 110 x 75
GWS3158T*	GWS3158TL*	26W	3340lm	1600 x 110 x 75
GWS3218T*	GWS3218TL*	26W	3450lm	800 x 110 x 75
GWS3236T*	GWS3236TL*	43W	5180lm	1200 x 110 x 75
GWS3258T*	GWS3258TL*	53W	6900lm	1600 x 110 x 75
GWS3220ET857	-	52W	6300lm	1200 x 110 x 76
<b>Opal Diffuser</b>				
GWS3118P*	GWS3118PL*	15W	1540lm	800 x 110 x 75
GWS3136P*	GWS3136PL*	20W	2320lm	1200 x 110 x 75
GWS3158P*	GWS3158PL*	26W	3090lm	1600 x 110 x 75
GWS3218P*	GWS3218PL*	26W	3200lm	800 x 110 x 75
GWS3236P*	GWS3236PL*	43W	4800lm	1200 x 110 x 75
GWS3258P*	GWS3258PL*	53W	6400lm	1600 x 110 x 75

**NEW**

**Accessories**

\* Also available in Daylight (5700K), Add 57K to code

GX60004HE	1.5m Power Lead with 16A 2P+E IEC 309 Plug
GWS3198	Emergency Kit 3hrs (only compatible with through wiring (linkable) version)

**NEW**

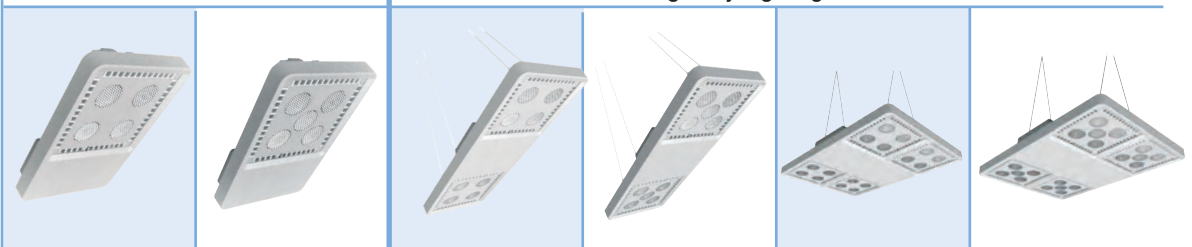
## SMART [4] LED INDUSTRIAL LIGHTING IP66

**5 Year Warranty**

Efficiency: ±110lm/W  
 Life Time: 80000hrs  
 Colour Temp: 4000K  
 CRI: >80 | Emergency, 1-10V Dimming & RF Control on request

**Low-Bay Lighting Devices**

**High-Bay Lighting Devices**



Configuration	LB 4L	LB 5L	HB 4+4L	HB 5+5L	HB 4x4L	HB 4x5L
Light Output	140 l/w	140 l/w	140 l/w	140 l/w	140 l/w	140 l/w
Power	48W	95W	189W	64W	125W	253W

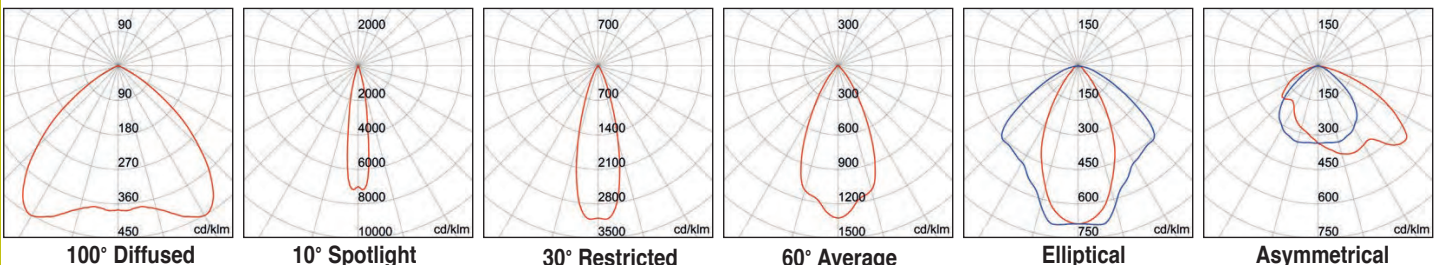
**Order Codes**

30° Optics	GWS4120AF857	GWS4220AF857	GWS4420AF857	GWS4120BF857	GWS4220BF857	GWS4420BF857
60° Optics	GWS4120AH857	GWS4220AH857	GWS4420AH857	GWS4120BH857	GWS4220BH857	GWS4420BH857
90° Optics	GWS4120AP857	GWS4220AP857	GWS4420AP857	GWS4120BP857	GWS4220BP857	GWS4420BP857
Elliptical	GWS4120AQ857	GWS4220AQ857	GWS4420AQ857	GWS4120BQ857	GWS4220BQ857	GWS4420BQ857
Asymmetrical	GWS4120AC857	GWS4220AC857	GWS4420AC857	GWS4120BC857	GWS4220BC857	GWS4420BC857
Array	GWS4120AA857	GWS4220AA857	GWS4420AA857	GWS4120BA857	GWS4220BA857	GWS4420BA857

**Mounting Accessories**

Suspension Kit	GWL1901	GWL1901	GWL1901	GWL1901	GWL1901	GWL1901
Smart [4] clear glass	GWL1907	GWL1907	GWL1907	GWL1907	GWL1907	GWL1907
Wall/Ceiling mounting kit		GWL1927	GWL1948		GWL1927	GWL1948
Fastening plate to pipe	GWL1926	GWL1930		GWL1926	GWL1930	
Floodlight bracket	GWL1943	GWL1944	GWL1945	GWL1943	GWL1944	GWL1945

**Photometric Data** - Note: Lumen performance & technical data may change due to the continuous evolution of LED technology



GEWISS LIGHTING

**NEW**

**STREET LIGHTING 230VAC**



**5 Year Warranty**

Road [5] - Wide Optic | Die-Cast Aluminium | **IP66** | L80B05@25%: 77000h

Code	Lumen	Power	Colour Temp.	Size (mm)
GWR5712	7680lm	76W	4000K	560 x 330
GWR5716	19580lm	185W	4000K	690 x 330

**OUTDOOR FEATURE LIGHTING**

**Bolla Range - Weatherproof Round Bulkhead Luminaires - IP55**

Polycarbonate Base & Diffuser. (Lamps to be ordered separately.)



Incandescent Lamps			Fluorescent Lamps	
Code	Max Power	Base Colour	Code	Max Power
<b>Round Bulkhead Luminaires - 260Ømm x 115(H)mm</b>				
-	-	Grey RAL 7035	<b>GW80619</b>	2 x 7W (G23)
<b>GW80761</b>	60W (E27)	Graphite Grey	<b>GW80762</b>	2 x 7W (G23)
-	-	Burgandy	<b>GW80621</b>	2 x 7W (G23)

**Round Bulkhead Luminaires - 260Ømm x 140(H)mm**

-	-	Grey RAL 7035	<b>GW80625</b>	2 x 9W (G23)
<b>GW80623</b>	60W (E27)	Smokey Grey	<b>GW80626</b>	2 x 9W (G23)

**Guscio Range - Weatherproof Rectangular Bulkhead Luminaires - IP55**

Incandescent & Fluorescent Lamps. Polycarbonate Base & Diffuser. (Lamps to be ordered separately)

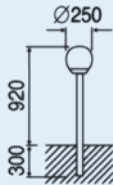


Incandescent Lamps			Fluorescent Lamps	
Code	Max Power	Base Colour	Code 1 x 9W	Code 2 x 9W
<b>Rectangular Bulkhead Luminaires - 250 x 175 x 130mm</b>				
-	-	Grey RAL 7035	<b>GW80604</b>	<b>GW80607</b>
-	-	Graphite Grey	<b>GW80772</b>	<b>GW80773</b>

**Rectangular Bulkhead Luminaires - 320 x 225 x 165mm**

Code	Max Power	Base Colour	Code	Power
<b>GW80610</b>	100W (E27)	Grey RAL 7035	-	-
<b>GW80774</b>	100W (E27)	Graphite Grey	<b>GW80775</b>	26W (G24d-3)

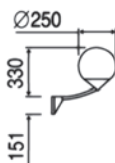
**Spherical Globe - Class II - IP54 - c/w Base & 60mm Fibreglass Pole Height 1m (Material: Polycarbonate)**



Code	Finish	Dia. mm	Max Lamp Type	Lamp Holder	Weight (kg)
<b>GW86851</b>	Transparent	250	60W/Energy savers	E27	2
<b>GW86852</b>	Opal	250	60W/Energy savers	E27	2
<b>GW86853</b>	Smoked	250	60W/Energy savers	E27	2

Excluding Lamps - For LED Lamps refer to our Lighting Shortform Catalogue

**Spherical Globe - Class II - IP54 - c/w Base & Arm for Surface Installation (Material: Polycarbonate)**



Code	Finish	Dia. mm	Max Lamp Type	Lamp Holder	Weight (kg)
<b>GW86861</b>	Transparent	250	60W/Energy savers	E27	1.5
<b>GW86862</b>	Opal	250	60W/Energy savers	E27	1.5
<b>GW86863</b>	Smoked	250	60W/Energy savers	E27	1.5

Excluding Lamps - For LED Lamps refer to our Lighting Shortform Catalogue

## FLOODLIGHTS

WHILE STOCKS LAST



### Genius - Floodlights for Halogen Lamps - IP55

Code	Power	Lamp	Holder	Amps	Dimensions
GW84201	500W	HD	R7s	2.2A	180 x 155 x 120
GW84202	1000W	HD	R7s	4.5A	355 x 230 x 150
GW84203	1500W	HD	R7s	6.5A	355 x 230 x 150

(Excluding Lamps) HD (Linear Halogen)



GX85001/2

### Horus - High Temperature Plastic Housing IP55 (c/w Lamp)

Code Asymmetrical	Power	Lamp	Holder	Code Symmetrical
GX85301*	70W	MD/ST	Rx7s	GX85001*
-	150W	MD/ST	Rx7s	GX85002*
-	400W	MT	E40	GW85104M



### KONO - High Bay IP65 Weatherproof (240V)

Code	Power	Lamp	Holder	Weight	Amps
GW84805-*	400W	ME-AT/SE-ST	E40	10.8kg	4.2A

\*Add to code M (Metal Halide), S (High Pressure Sodium) (Lamps excluded)



### Titano - Restricted Floodlights - IP66 (Narrow Beam)

Symmetrical	Power	Lamp	Holder	Dimensions	Asymmetrical
GX84520	250W	MT/SD	E40	418 x 328 x 260	-
-	400W	MT/SD	E40	418 x 328 x 260	GX84554

(Excluding Lamps). Suitable for MT (Metal Halide) or ST (High Pressure Sodium) lamps. Code for lamps MT-250, MT-400 (MH), SD-250, SD-400 (HPS)



Fitting



Control Gear

### Colosseum/Stadium - Symmetrical diffused Floodlights - IP66

Code	Power	Lamp	Holder	Control Gear	Current
GW84647	1000W	MT/ST	E40	GW84616 230V	10.3A
GW84648	1000W	MT	E40	GW84627 230V	8.25A
GW84663	2000W	MN	E40	*GW84621 400V	9.8A

Note: Fitting and control gear are separate items. (Excluding Lamps). MT (Metal Halide). MN (Metal Halide). ST (High Pressure Sodium)

\*400V supply only 1PH (L-L).

## INDICATOR LIGHTS



(Lamps to be ordered separately)

### 26 External Range - IP55 - Indicator Lights - 15W Max

Code	Diffuser Colour	Lamp Holder Type	Dimensions H x W x D	Carton Qty	With 220V Flasher
GW27415	Red	E14	82 x 66 x 95	5/40	GW27415/F
GW27416	Green	E14	82 x 66 x 95	5/40	GW27416/F
GW27417	Yellow	E14	82 x 66 x 95	5/40	GW27417/F
GW27418	Transparent	E14	82 x 66 x 95	5/40	GW27418/F
GW27419	Blue	E14	82 x 66 x 95	5/40	GW27419/F

Incandescent Lamp, Type ACL1 or LED, Type SL-2.5W-E14

## SIGNAL LAMPS & BULKHEAD LIGHT FITTINGS

\*B22 only available while stocks last



(Lamps to be ordered separately)

### 80 Retta Range Rectangular Luminaires IP44 - Incandescent Lamps - 75W Max

Code Lamp Holder E27	Type	Code Lamp Holder B22	Carton Qty
GW80401	Transparent	-	12
GW80402	Yellow	-	12
GW80403	Red	-	12
GW80404	Green	-	12

\*B22 only available while stocks last



(Lamps to be ordered separately)

### 80 Tarta Range Oval Luminaires IP44 - Incandescent Lamps - 60W Max

Code	Type	Code	Carton Qty
GW80409	Transparent	-	36
GW80410	Yellow	GW80414*	36
GW80411	Red	-	36
GW80412	Green	-	36



**IP RATED ENCLOSURES FOR 20 SYSTEM MODULES**



**COMBI SYSTEM 40 Protected Enclosures IP40**

Code	Description	Type	Size (mm)
GW27001	1 Gang	Horizontal	66x82x55
GW27002	2 Gang	Horizontal	66x82x55
GW27003	3 Gang	Horizontal	99x82x55
GW27004	4 Gang	Horizontal	132x82x55
GW27005	3+3 Gang	Horizontal	198x82x55
GW27006	4+4 Gang	Horizontal	231x82x55
GW27007	4+4+4 Gang	Horizontal	330x82x55
GW27008	4+4+4+4 Gang	Horizontal	429x82x55
GW27021	2+2 Gang	Vertical	82x132x55
GW27022	2+2+2 Gang	Vertical	82x198x55
GW27023	4+4 Gang	Vertical	132x132x55
GW27024	4+4+4 Gang	Vertical	132x198x55



**COMBI-DIN Combined Enclosures IP40**

Code	DIN Modules	System Modules	Size(mm)
GW27071	2	2+2 Gang	132x132x95
GW27072	4	2+2+2+2 Gang	231x132x95
GW27073	8	4+4+4+4 Gang	429x132x95



**COMBI SYSTEM 55 Protected Enclosures IP55**

Code	Description	Type	Size(mm)
GW27041	1 Gang	Horizontal	66x82x65
GW27042	2 Gang	Horizontal	66x82x65
GW27043	3 Gang	Horizontal	99x82x65
GW27044	4 Gang	Horizontal	132x82x65
GW27051	4+4 Gang	Vertical	132x171x65
GW27052	4+4+4 Gang	Vertical	132x258x65
GW27057	3 Gang	Pole Mount	122x164x85



**COMBI READY**

Code IP40	Description	Code IP55
GW27801	1Lever 1Way 16A 1P Switch	GW27831
GX97807	2Lever 1Way 16A 1P Switch	GX97237
GW27802	1Lever 1Way 16A 2P Switch	GW27832
GW27803	1Lever 2Way 16A Switch	GW27833
GW27804	2Lever 2Way 16A Switch	GW27834
GW27805	Push Button 1P 10A NO	GW27835
GX97206	British Switched Socket 13A 2P+E	GX97208
<b>NEW</b> GX97207	SA Switched Socket 16A 2P+E	GX97209
<b>NEW</b> GX97210	2xN-Type SA Switched Socket 16A 2P+E	GX97212
GX97211	SA Unswitched Socket 16A 2P+E	GX97213
GW27814	German (Schuko) Socket 16A 2P+E	GW27844
GW27431	PIR Occupancy Sensor	-

**Typical Application**



## 20 SYSTEM INSTALLATION BOXES & ACCESSORIES

### Module Configuration

2 Gang	3 Gang 4x2	4 Gang	6 Gang	4+4 Gang	6+6 Gang

### Support Frame

Code	GW24262	GW24201	GW24202	GW24230	GW24240	GW24241

### Plastic Flush Wall Box

Code	GW24403	GW24403	GW24404	GW24406	GW24237	GW24238	GW24006

### Plastic Surface Box

### Dry Wall Flush Wall Box

Code	GW24403PM	GW24403PM	GW24404PM	GW24406PM	GW24237PM	GW24211

### Blank Plates White

## SELF SUPPORTING BOXES

<b>Desktop/Surface Consoles</b>				
Code	GW24018	GW24020	GW24019	GW24021
Description	4 Gang - White	3+3 Gang - White	4 Gang - Black	3+3 Gang - Black

## INFLOOR OUTLET BOXES

Hollow lid allows box lid to be finished to match floor.

GW24606	GW24617	GW24621

Code			20 System Modules	Outer Size (mm) H x D x W
Hollow Lid	Stainless Steel Lid	Metal Slab Box		
GW24606	GW24616	GW24621	16	98 x 212 x 320
GW24607	GW24617	GW24622	32	98 x 634 x 320

- Standard Infloor Boxes can be installed in raised floors directly.
- The Metal Slab Box is suitable for laying of infloor outlet boxes in cast flooring and c/w coupling flanges for conduits.

## WATERTIGHT COVER PLATES

## SELF SUPPORTING MODULES

### Flush Mount Watertight Plates IP55



Colour	3 Gang	4 Gang
	GW22451	GW22461
	GW22452	GW22462
	GW22453	GW22463

GW26409	GW26410	GW24008	GW24010	GW24022
1 Gang Bracket	2 Gang Bracket	1 Gang	2 Gang	4 Gang

**20 SYSTEM MODULAR RANGE WHITE**

One-Way Switches					Stove Isolator	Two-Way Switches			
<b>GW2*005</b> 1M Key Switch 2P 10A	<b>GW2*571</b> 1M 1P 16A Switch	<b>GW2*572</b> 1M 1P 16A, c/w Lamp Holder	<b>GW2*503</b> 1M 2P 16A Switch	<b>GW2*504</b> 1M 2P 16A, c/w Lamp Holder	<b>GW2*585</b> 1M 2P 25A	<b>GW2*008</b> 1M Key Switch 1P 10A	<b>GW2*576</b> 1M 1P 16A, c/w Lamp Holder	<b>GW2*577</b> 1M 1P 16A backlit	<b>GW2*589</b> 2M 1P 16A, c/w Lamp Holder

Intermediate Switch	Pushbuttons							
<b>GW2*579</b> 1M 1NO+1NC 16A	<b>GW2*024</b> 3M 1P NO 10A Illuminated Name Plate	<b>GW2*510</b> 1M 1P NO 10A	<b>GW2*511</b> 1M 1P NO 10A Key Sym	<b>GW2*512</b> 1M 1P NO 10A Bell Sym	<b>GW2*513</b> 1M 1P NO 10A Light Sym	<b>GW2*514</b> 1M 1P NO 10A Stairs Sym	<b>GW2*515</b> 1M 1P NO 10A c/w Lamp Holder	<b>GW2*522</b> 1M 1P NO 10A - Aux. NC Green Sym

Dimmers			Bell	Buzzer	Infrared Movement Detection	Blanks		LED Light
<b>GW2*802</b> 1M Rotary RES: 100-500W	<b>GW2*803</b> 1M Rotary RES: 100-900W IND: 40-300VA	<b>GW2*814</b> 1M Pushbutton RES/IND:25-180VA	<b>GW2*616</b> 1M 230V 80dB 8VA	<b>GW2*620</b> 1M 230V 75dB 8VA	<b>GW2*821</b> 1M 1NO 3A (AC1) Time adj: 15s - 10m Lux Level Adjustable	<b>GW2*056</b> 1M	<b>GW2*073</b> 2M	<b>GW2*601</b> 3M Foot Lamp 12-24V

Italian/German		French	British	SA	EU/AM	Italian		Data
<b>GW2*205</b> 2M 2P+E 16A 250VAC	<b>GW2*246</b> 2M 2P+E 10/16A 250VAC	<b>GW2*207</b> 2M 2P+E 16A 250VAC	<b>GW2*208</b> 2M 2P+E 13A 250VAC	<b>GW2*209</b> 2M 2P+E 16A 250VAC	<b>GW2*212</b> 1M 2P+E 15A 250VAC	<b>GW2*201</b> 1M 2P+E 10A 250VAC	<b>GW2*203</b> 1M 2P+E 10/16A 250VAC	<b>GW2*684</b> 1M RJ45 CAT6 UTP

Shaver	Tel		Thermostat	Thermostat/Fan	Sat	TV
<b>GW2*841</b> 3M 2 Pin 20VA 120/230V	<b>GW2*251</b> 1M RJ11	<b>GW2*252</b> 1M 2 x RJ11	<b>GW2*852</b> 3M Ambient, 8A, 2 NO / NC	<b>GW2*853</b> 3M Ambient, 5A, Relay NO / NC	<b>GW2*391</b> 1M F-Type 0dB Female 5-2400MHz	<b>GW2*228</b> 1M 0dB IEC Female

Note: Use with relay or contactor to switch load

Indicator Lamps				Fluorescent Lamp - 230VAC			LED Lamps - 230VAC 0.6W				
	<b>Code</b>	<b>Colour</b>		<b>Code</b>	<b>Voltage</b>		<b>Code</b>	<b>Colour</b>		<b>Code</b>	<b>Colour</b>
	<b>GW2*603</b>	● Red		<b>GW2*607</b>	230VAC		<b>GW30943</b>	● Red Fluor		<b>GW10881</b>	● Red
	<b>GW2*604</b>	● Green		<b>GW2*608</b>	12/24VAC		<b>GW30944</b>	● Green Fluor		<b>GW10882</b>	○ Green
	<b>GW2*631</b>	● Blue					<b>GW30947</b>	○ White LED		<b>GW10883</b>	● Red
	<b>GW2*605</b>	● Yellow								<b>GW10884</b>	● Green
	<b>GW2*606</b>	○ Clear								<b>GW10885</b>	● Yellow
											● Clear

\* Use size 6x30 Cartridge Lamps

\* Add Colour to Code: White (0), Black (1)

Incandescent Cartridge Lamps				Fluorescent Cartridge Lamps						
	<b>Code</b>	<b>Colour</b>	<b>Voltage</b>	<b>Size</b>		<b>Code</b>	<b>Colour</b>	<b>Voltage</b>	<b>Size</b>	
	<b>GW20902</b>	○ White	12VAC/DC	6 x 36		<b>GW20903</b>	○ White	24VAC/DC	6.3 x 28	
						<b>GW20906</b>	● Red	110/230VAC	6.3 x 28	
						<b>GW20908</b>	● Green	110/230VAC	6.3 x 28	



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