

46 Range

Watertight surface-mounting distribution and automation boards



44CEP and 46QP/QM/QX Fast&Easy distribution boards:

- High structural resistance monobloc box;
- Transparent and blank door versions;
- Extractable frame;
- Halogen-free plastic materials.

Benefits of the Fast&Easy system:

- Fully metallic blocking elements;
- 40% reduction of assembly times;
- Preassembled, adjustable DIN rails with automatic blocking;
- Front panels with 1/4 turn captive and sealable plastic screws.

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WATERTIGHT SURFACE-MOUNTING DISTRIBUTION AND AUTOMATION BOARDS



ACCESSORIES

FOR THE ASSEMBLY OF NON-MODULAR EQUIPMENT

FOR

				
Metal back-mounting plates	Perforated steel back-mounting plates	Insulation material back-mounting plates	Inner doors in insulating/metal material	Cover panels with windows and DIN rail

	Dimensions LxHxD (mm)	No. modules EN50022	Code	Metal back-mounting plates	Perforated steel back-mounting plates	Insulation material back-mounting plates	Inner doors in insulating/metal material	Cover panels with windows and DIN rail
44 CEP - GW PLAST 120 IP 55  Blank door  Transparent door	200x254x135	-	GW 44 808	GW 44 636	-	GW 44 646	-	-
	236x316x135	8	GW 44 809	GW 44 637	-	GW 44 647	-	GW 44 852 8 modules
	316x396x160	24 (12x2)	GW 44 810	GW 44 638	-	GW 44 648	-	GW 44 853 14 modules GW 44 854 24 modules (12x2)
	396x474x160	32 (16x2)	GW 44 811	GW 44 639	-	GW 44 649	-	GW 44 855 32 modules (16x2)
	200x254x135	-	GW 44 818	GW 44 636	-	GW 44 646	-	-
	236x316x135	8	GW 44 819	GW 44 637	-	GW 44 647	-	GW 44 852 8 modules
	316x396x160	24 (12x2)	GW 44 820	GW 44 638	-	GW 44 648	-	GW 44 853 14 modules GW 44 854 24 modules (12x2)
	396x474x160	32 (16x2)	GW 44 821	GW 44 639	-	GW 44 649	-	GW 44 855 32 modules (16x2)
46 QP - POLYESTER IP 65  Blank door  Door fitted with transparent window	250x300x160	-	GW 46 001	GW 46 401	GW 46 461	GW 46 408	-	-
	310x425x160	36 (12x3)	GW 46 002	GW 46 402	GW 46 462	GW 46 409	GW 46 414 GW 46 564	-
	405x500x200	54 (18x3)	GW 46 003	GW 46 403	GW 46 463	GW 46 410	GW 46 415 GW 46 565	-
	405x650x200	72 (18x4)	GW 46 004	GW 46 404	GW 46 464	GW 46 411	GW 46 416 GW 46 566	-
	515x650x250	96 (24x4)	GW 46 005	GW 46 405	GW 46 465	GW 46 412	GW 46 417 GW 46 567	-
	585x800x300	140 (28x5)	GW 46 006	GW 46 406	GW 46 466	GW 46 413	GW 46 418 GW 46 568	-
	800x1060x350	180 (36x5)	GW 46 007	GW 46 407	GW 46 467	-	GW 46 419 GW 46 569	-
	250x300x160	-	GW 46 201	GW 46 401	GW 46 461	GW 46 408	-	-
	310x425x160	36 (12x3)	GW 46 202	GW 46 402	GW 46 462	GW 46 409	GW 46 414 GW 46 564	-
	405x500x200	54 (18x3)	GW 46 203	GW 46 403	GW 46 463	GW 46 410	GW 46 415 GW 46 565	-
	405x650x200	72 (18x4)	GW 46 204	GW 46 404	GW 46 464	GW 46 411	GW 46 416 GW 46 566	-
	515x650x250	96 (24x4)	GW 46 205	GW 46 405	GW 46 465	GW 46 412	GW 46 417 GW 46 567	-
	585x800x300	140 (28x5)	GW 46 206	GW 46 406	GW 46 466	GW 46 413	GW 46 418 GW 46 568	-
	800x1060x350	180 (36x5)	GW 46 207	GW 46 407	GW 46 467	-	GW 46 419 GW 46 569	-

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WATERTIGHT SURFACE-MOUNTING DISTRIBUTION AND AUTOMATION BOARDS



SERVICE TECHNICIANS

ASSEMBLY OF MODULAR AND NON-MODULAR EQUIPMENT BY MEANS OF FUNCTIONAL FRAME

MISCELLANEOUS

ASSEMBLY OF MODULAR AND NON-MODULAR EQUIPMENT BY MEANS OF FUNCTIONAL FRAME				MISCELLANEOUS			
1-module high cover panels with windows and DIN rail	1-module high blank cover panels	2-module high blank cover panels	Uprights (2)	Simple/double DIN rails	Plates H1 module perforated/solid	Plates H2 modules perforated/solid	Pole support
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	GW 46 551
3 12-module wide single panels GW 46 420F		1 double panel GW 46 475F	GW 46 435F	GW 46 430F GW 46 530F	3 single plates GW 46 440 GW 46 540	1 double plate GW 46 480 GW 46 580	GW 46 552
3 18-module wide single panels GW 46 421F		1 double panel GW 46 476F			3 single plates GW 46 441 GW 46 541	1 double plate GW 46 481 GW 46 581	
4 18-module wide single panels GW 46 421F		2 double panels GW 46 476F	GW 46 437F	GW 46 431F GW 46 531F	4 single plates GW 46 441 GW 46 541	2 double plates GW 46 481 GW 46 581	GW 46 553
4 24-module wide single panels GW 46 422F		2 double panels GW 46 477F			4 single plates GW 46 442 GW 46 542	2 double plates GW 46 482 GW 46 582	
5 28-module wide single panels GW 46 423F		2 double panels GW 46 478F	GW 46 438F	GW 46 433F GW 46 533F	5 single plates GW 46 443 GW 46 543	2 double plates GW 46 483 GW 46 583	GW 46 555
5 36-module wide single plates GW 46 424F		2 double panels GW 46 479F			5 single plates GW 46 444 GW 46 544	2 double plates GW 46 484 GW 46 584	
-	-	-	-	-	-	-	GW 46 551
3 12-module wide single panels GW 46 420F		1 double panel GW 46 475F	GW 46 435F	GW 46 430F GW 46 530F	3 single plates GW 46 440 GW 46 540	1 double plate GW 46 480 GW 46 580	GW 46 552
3 18-module wide single panels GW 46 421F		1 double panel GW 46 476F			3 single plates GW 46 441 GW 46 541	1 double plate GW 46 481 GW 46 581	
4 18-module wide single panels GW 46 421F		2 double panels GW 46 476F	GW 46 437F	GW 46 431F GW 46 531F	4 single plates GW 46 441 GW 46 541	2 double plates GW 46 481 GW 46 581	GW 46 553
4 24-module wide single panels GW 46 422F		2 double panels GW 46 477F			4 single plates GW 46 442 GW 46 542	2 double plates GW 46 482 GW 46 582	
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-	-	-	-	-	-	-	GW 46 551
3 12-module wide single panels GW 46 420F		1 double panel GW 46 475F	GW 46 435F	GW 46 430F GW 46 530F	3 single plates GW 46 440 GW 46 540	1 double plate GW 46 480 GW 46 580	GW 46 552
3 18-module wide single panels GW 46 421F		1 double panel GW 46 476F			3 single plates GW 46 441 GW 46 541	1 double plate GW 46 481 GW 46 581	
4 18-module wide single panels GW 46 421F		2 double panels GW 46 476F	GW 46 437F	GW 46 431F GW 46 531F	4 single plates GW 46 441 GW 46 541	2 double plates GW 46 481 GW 46 581	GW 46 553
4 24-module wide single panels GW 46 422F		2 double panels GW 46 477F			4 single plates GW 46 442 GW 46 542	2 double plates GW 46 482 GW 46 582	
5 28-module wide single panels GW 46 423F		2 double panels GW 46 478F	GW 46 438F	GW 46 433F GW 46 533F	5 single plates GW 46 443 GW 46 543	2 double plates GW 46 483 GW 46 583	GW 46 555
5 36-module wide single plates GW 46 424F		2 double panels GW 46 479F			5 single plates GW 46 444 GW 46 544	2 double plates GW 46 484 GW 46 584	
-	-	-	-	-	-	-	GW 46 551

Resin bracket GW 44 621

Safety lock with handle GW 46 445

4 stainless steel brackets GW 46 451

Set of 4 galvanised brackets GW 46 446

Clip nut GW 46 450

4 stainless steel brackets GW 46 451

Seal for coupling enclosures GW 46 449

Set of 4 squares for fixing of back-mounting plate GW 46 521F

Safety lock with handle GW 46 445

Document wallet GW 46 447

Ventilation kit IP 44 GW 46 448 and GW 46 471

Insertions kit GW 46 592F

Pair of brackets for wiring trunking GW 46 557F

Pair of handles for transportation GW 46 591

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WATERTIGHT SURFACE-MOUNTING DISTRIBUTION AND AUTOMATION BOARDS





ACCESSORIES

FOR THE ASSEMBLY OF NON-MODULAR EQUIPMENT

FOR

				
Metal back-mounting plates	Perforated steel back-mounting plates	Insulation material back-mounting plates	Inner doors in insulating/metal material	Cover panels with windows and DIN rail

	Dimensions LxHxD (mm)	No. modules EN50022	Code	Metal back-mounting plates	Perforated steel back-mounting plates	Insulation material back-mounting plates	Inner doors in insulating/metal material	Cover panels with windows and DIN rail
46 QX - STAINLESS STEEL IP 55  Blank door	310x425x160	36 (12x3)	GW 46 052	GW 46 402	GW 46 462	GW 46 409	GW 46 414 GW 46 564	-
	405x650x200	72 (18x4)	GW 46 054	GW 46 404	GW 46 464	GW 46 411	GW 46 416 GW 46 566	-
	585x800x300	140 (28x5)	GW 46 056	GW 46 406	GW 46 466	GW 46 413	GW 46 418 GW 46 568	-
46 QM - METAL IP 55  Blank door  Door fitted with transparent window	250x300x160	-	GW 46 031	GW 46 401	GW 46 461	GW 46 408	-	-
	310x425x160	36 (12x3)	GW 46 032	GW 46 402	GW 46 462	GW 46 409	GW 46 414 GW 46 564	-
	405x500x200	54 (18x3)	GW 46 033	GW 46 403	GW 46 463	GW 46 410	GW 46 415 GW 46 565	-
	405x650x200	72 (18x4)	GW 46 034	GW 46 404	GW 46 464	GW 46 411	GW 46 416 GW 46 566	-
	515x650x250	96 (24x4)	GW 46 035	GW 46 405	GW 46 465	GW 46 412	GW 46 417 GW 46 567	-
	585x800x300	140 (28x5)	GW 46 036	GW 46 406	GW 46 466	GW 46 413	GW 46 418 GW 46 568	-
	800x1060x350	180 (36x5)	GW 46 037	GW 46 407	GW 46 467	-	GW 46 419 GW 46 569	-
	310x425x160	36 (12x3)	GW 46 232	GW 46 402	GW 46 462	GW 46 409	GW 46 414 GW 46 564	-
	405x500x200	54 (18x3)	GW 46 233	GW 46 403	GW 46 463	GW 46 410	GW 46 415 GW 46 565	-
	405x650x200	72 (18x4)	GW 46 234	GW 46 404	GW 46 464	GW 46 411	GW 46 416 GW 46 566	-
	515x650x250	96 (24x4)	GW 46 235	GW 46 405	GW 46 465	GW 46 412	GW 46 417 GW 46 567	-
	585x800x300	140 (28x5)	GW 46 236	GW 46 406	GW 46 466	GW 46 413	GW 46 418 GW 46 568	-
	800x1060x350	180 (36x5)	GW 46 237	GW 46 407	GW 46 467	-	GW 46 419 GW 46 569	-

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WATERTIGHT SURFACE-MOUNTING DISTRIBUTION AND AUTOMATION BOARDS

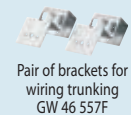
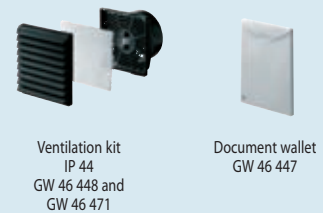
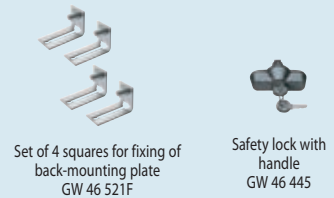
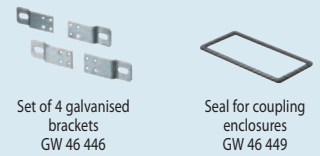


SERVICE TECHNICIANS

ASSEMBLY OF MODULAR AND NON-MODULAR EQUIPMENT BY MEANS OF FUNCTIONAL FRAME

MISCELLANEOUS

1-module high cover panels with widows and DIN rail	1-module high blank cover panels	2-module high blank cover panels	Uprights (2)	Simple/ double DIN rails	Plates H1 module perforated/ solid	Plates H2 modules perforated/ solid
3 12-module wide single panels GW 46 420F	1 double panel GW 46 425F	1 double panel GW 46 475F	GW 46 435F	GW 46 430F GW 46 530F	3 single plates GW 46 440 GW 46 540	1 double plate GW 46 480 GW 46 580
4 18-module wide single panels GW 46 421F	2 double panels GW 46 426F	2 double panels GW 46 476F	GW 46 437F	GW 46 431F GW 46 531F	4 single plates GW 46 441 GW 46 541	2 double plates GW 46 481 GW 46 581
5 28-module wide single panels GW 46 423F	2 double panels GW 46 428F	2 double panels GW 46 478F	GW 46 438F	GW 46 433F GW 46 533F	5 single plates GW 46 443 GW 46 543	2 double plates GW 46 483 GW 46 583
-	-	-	-	-	-	-
3 12-module wide single panels GW 46 420F	1 double panel GW 46 425F	1 double panel GW 46 475F	GW 46 435F	GW 46 430F GW 46 530F	3 single plates GW 46 440 GW 46 540	1 double plate GW 46 480 GW 46 580
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5 28-module wide single panels GW 46 423F	2 double panels GW 46 428F	2 double panels GW 46 478F	GW 46 438F	GW 46 433F GW 46 533F	5 single plates GW 46 443 GW 46 543	2 double plates GW 46 483 GW 46 583
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4 24-module wide single panels GW 46 422F	2 double panels GW 46 427F	2 double panels GW 46 477F	GW 46 437F	GW 46 432F GW 46 532F	4 single plates GW 46 442 GW 46 542	2 double plates GW 46 482 GW 46 582
5 28-module wide single panels GW 46 423F	2 double panels GW 46 428F	2 double panels GW 46 478F	GW 46 438F	GW 46 433F GW 46 533F	5 single plates GW 46 443 GW 46 543	2 double plates GW 46 483 GW 46 583
5 36-module wide single plates GW 46 424F	2 double panels GW 46 429F	2 double panels GW 46 479F	GW 46 439F	GW 46 434F GW 46 534F	5 single plates GW 46 444 GW 46 544	2 double plates GW 46 484 GW 46 584



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WATERTIGHT SURFACE-MOUNTING DISTRIBUTION AND AUTOMATION BOARDS



COMPATIBILITY BETWEEN 46 RANGE DISTRIBUTION BOARDS AND KIT FOR MOULDED CASE CIRCUIT BREAKER MTS RANGE AND SWITCHES DISCONNECTOR KIT MSS RANGE

QP DISTRIBUTION BOARD



Blank door



Door fitted with transparent window

DISTRIBUTION BOARD	Blank door	GW 46 001	GW 46 002	GW 46 003	GW 46 004	GW 46 005	GW 46 006	GW 46 007
	Transparent door	GW 46 201	GW 46 202	GW 46 203	GW 46 204	GW 46 205	GW 46 206	GW 46 207
DIMENSIONS L X H X D (mm)		250x300x160	310x425x160	405x500x200	405x650x200	515x650x250	585x800x300	800x1060x350
ACCESSORIES	Pair of uprights			GW 46 436F	GW 46 437F	GW 46 437F	GW 46 438F	GW 46 439F
MTS RANGE MOULDED CASE CIRCUIT BREAKER	MTS 160			GW 46 570F		GW 46 571F	GW 46 572F	GW 46 573F
	MTS 160 + BDS			GW 46 570F		GW 46 571F	GW 46 572F	GW 46 573F
	MTS 250					GW 46 574F	GW 46 575F	GW 46 576F
	MTS 250 + BDS					GW 46 574F	GW 46 575F	GW 46 576F
MSS RANGE SWITCH DISCONNECTOR	MSS 160			GW 46 570F		GW 46 571F	GW 46 572F	GW 46 573F
	MSS 250					GW 46 577F	GW 46 578F	GW 46 579F

NOTES: The configurations shown in the table are applicable ONLY if the peak-point current of the switch shown (in line with the presumed short-circuit current at the installation point) is NOT higher than 17kA.
 Thermal analysis should be carried out using the method prescribed in the Technical catalogue.
 The moulded-case circuit breakers/switches disconnecter kit envisages vertical device positioning; the BDS residual current device (when envisaged) is to be fixed alongside.
 The kits are fixed by means of the uprights. The kit panels are 2 modules high.
 The MTS160 should be fixed to the DIN rail by means of the brackets contained in the kit GW98060, This kit is included in the packaging of the BDS residual current device alongside.
 The MTS 250 require the trim kit GW98488 (3P) or GW98489 (4P); this kit is included in the packaging of the BDS residual current device alongside.




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WATERTIGHT SURFACE-MOUNTING DISTRIBUTION AND AUTOMATION BOARDS



COMPATIBILITY BETWEEN 46 RANGE DISTRIBUTION BOARDS AND KIT FOR MOULDED CASE CIRCUIT BREAKERS MTS RANGE AND SWITCHES DISCONNECTOR KIT MSS RANGE

QM DISTRIBUTION BOARD							QX DISTRIBUTION BOARD		
 <p>Blank door</p>			 <p>Door fitted with glass window</p>				 <p>Blank door</p>		
GW 46 031	GW 46 032	GW 46 033	GW 46 034	GW 46 035	GW 46 036	GW 46 037	GW 46 052	GW 46 054	GW 46 056
	GW 46 232	GW 46 233	GW 46 234	GW 46 235	GW 46 236	GW 46 237			
250x300x160	310x425x160	405x500x200	405x650x200	515x650x250	585x800x300	800x1060x350	310x425x160	405x650x200	585x800x300
		GW 46 436F	GW 46 437F	GW 46 437F	GW 46 438F	GW 46 439F		GW 46 437F	GW 46 438F
		GW 46 570F		GW 46 571F	GW 46 572F	GW 46 573F		GW 46 570F	GW 46 572F
		GW 46 570F		GW 46 571F	GW 46 572F	GW 46 573F		GW 46 570F	GW 46 572F
				GW 46 574F	GW 46 575F	GW 46 576F			GW 46 575F
				GW 46 574F	GW 46 575F	GW 46 576F			GW 46 575F
		GW 46 570F		GW 46 571F	GW 46 572F	GW 46 573F		GW 46 570F	GW 46 572F
				GW 46 577F	GW 46 578F	GW 46 579F			GW 46 578F

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