

# 46 RANGE

WATERTIGHT SURFACE-MOUNTING BOARDS FOR AUTOMATION AND DISTRIBUTION

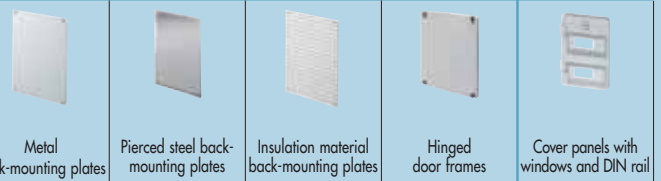
## SELECTION GUIDE







### ACCESSORIES

#### FOR THE ASSEMBLY OF NON-MODULAR EQUIPMENT

#### FOR



	Dimensions LxHxD (mm)	No. modules	Code	FOR THE ASSEMBLY OF NON-MODULAR EQUIPMENT				FOR
				Metal back-mounting plates	Pierced steel back- mounting plates	Insulation material back-mounting plates	Hinged door frames	Cover panels with windows and DIN rail
<b>CEP 44 - GW PLAST 120 IP 55</b>   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
	396x474x160	32 (16x2)	GW 44 811	GW 44 639	-	GW 44 649	-	GW 44 854 24 modules (12x2)
	200x254x135	-	GW 44 818	GW 44 636	-	GW 44 646	-	GW 44 855 32 modules (16x2)
	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
	396x474x160	32 (16x2)	GW 44 821	GW 44 639	-	GW 44 649	-	GW 44 854 24 modules (12x2)
<b>QP 46 - POLYESTER IP 65</b>   Blank door   Door with transparent compartment	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	-
	405x500x200	54 (18x3)	GW 46 003	GW 46 403	GW 46 463	GW 46 410	GW 46 415	-
	405x650x200	72 (18x4)	GW 46 004	GW 46 404	GW 46 464	GW 46 411	GW 46 416	-
	515x650x250	96 (24x4)	GW 46 005	GW 46 405	GW 46 465	GW 46 412	GW 46 417	-
	585x800x300	140 (28x5)	GW 46 006	GW 46 406	GW 46 466	GW 46 413	GW 46 418	-
	800x1060x350	180 (36x5)	GW 46 007	GW 46 407	GW 46 467	-	GW 46 419	-
	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	-
	405x500x200	54 (18x3)	GW 46 203	GW 46 403	GW 46 463	GW 46 410	GW 46 415	-
	405x650x200	72 (18x4)	GW 46 204	GW 46 404	GW 46 464	GW 46 411	GW 46 416	-
	515x650x250	96 (24x4)	GW 46 205	GW 46 405	GW 46 465	GW 46 412	GW 46 417	-
	585x800x300	140 (28x5)	GW 46 206	GW 46 406	GW 46 466	GW 46 413	GW 46 418	-
	800x1060x350	180 (36x5)	GW 46 207	GW 46 407	GW 46 467	-	GW 46 419	-

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### SERVICE TECHNICIANS

ASSEMBLY OF MODULAR EQUIPMENT FOR EN 50022 RAIL							MISCELLANEOUS	
1 module-high cover panels with widows and DIN rail	1-module high blank cover panels	2-module high blank cover panels	2 Uprights	Single / Double DIN rails	Perforated / Blank H1 module plates	Perforated / Blank H2 modules plates	Pole support	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	
3 12-module wide single panels	1 double panel		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 46 551	
GW 46 420F	GW 46 425F	GW 46 475F						Resin bracket GW 44 621
3 18-module wide single panels	1 double panel		GW 46 436F	GW 46 431F GW 46 531F	3 single plates GW 46 441 GW 46 541	1 double plate GW 46 481 GW 46 581	GW 46 552	Safety lock with handle GW 46 445
GW 46 421F	GW 46 426F	GW 46 476F						
4 18-module wide single panels	2 double panels		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 stainless steel brackets GW 46 451
GW 46 421F	GW 46 426F	GW 46 476F						Set of 4 galvanized brackets GW 46 446
4 24-module wide single panels	2 double panels		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	GW 46 554	4 stainless steel brackets GW 46 445
GW 46 422F	GW 46 427F	GW 46 477F						Set of 4 galvanized brackets GW 46 446
5 28-module wide single panels	2 double panels		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	Seal for coupling enclosures GW 46 449
GW 46 423F	GW 46 428F	GW 46 478F						
5 36-module wide single plates	2 double panels		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	GW 46 551	Set of 4 squares for fixing of back-mounting plate GW 46 521F
GW 46 424F	GW 46 429F	GW 46 479F						Safety lock with handle GW 46 445
-	-	-	-	-	-	-	-	
3 single panels 12-module wide	1 double panel		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	Clip nut GW 46 450
GW 46 420F	GW 46 425F	GW 46 475F						4 stainless steel brackets GW 46 451
3 single panels 18-module wide	1 double panel		GW 46 436F	GW 46 431F GW 46 531F	3 single plates GW 46 441 GW 46 541	1 double plate GW 46 481 GW 46 581	GW 46 553	
GW 46 421F	GW 46 426F	GW 46 476F						
4 18-module wide single panels	2 double panels		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 46 554	
GW 46 421F	GW 46 426F	GW 46 476F						
4 24-module wide single panels	2 double panels		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	GW 46 555	
GW 46 422F	GW 46 427F	GW 46 477F						
5 28-module wide single panels	2 double panels		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 46 551	
GW 46 423F	GW 46 428F	GW 46 478F						
5 36-module wide single plates	2 double panels		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	GW 46 552	
GW 46 424F	GW 46 429F	GW 46 479F						
3 single panels 12-module wide	1 double panel		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 46 553	
GW 46 420F	GW 46 425F	GW 46 475F						
3 single panels 18-module wide	1 double panel		GW 46 436F	GW 46 431F GW 46 531F	3 single plates GW 46 441 GW 46 541	1 double plate GW 46 481 GW 46 581	GW 46 554	
GW 46 421F	GW 46 426F	GW 46 476F						
4 18-module wide single panels	2 double panels		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 46 555	
GW 46 421F	GW 46 426F	GW 46 476F						
4 24-module wide single panels	2 double panels		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	GW 46 551	
GW 46 422F	GW 46 427F	GW 46 477F						
5 28-module wide single panels	2 double panels		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 46 552	
GW 46 423F	GW 46 428F	GW 46 478F						
5 36-module wide single plates	2 double panels		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	GW 46 553	
GW 46 424F	GW 46 429F	GW 46 479F						

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## SELECTION GUIDE



**GEWISS**

### ACCESSORIES

#### FOR THE ASSEMBLY OF NON-MODULAR EQUIPMENT

#### FOR

Metal back-mounting plates	Pierced steel back-mounting plates	Insulation material back-mounting plates	Insulating/Metal hinged door frames	Cover panels with windows and DIN rail

	Dimensions LxHxD (mm)	No. modules	Code	Metal back-mounting plates	Pierced steel back-mounting plates	Insulation material back-mounting plates	Insulating/Metal hinged door frames	Cover panels with windows and DIN rail
<b>46 QX - STAINLESS STEEL IP 55</b>  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	-
<b>46 QM - METAL IP 55</b>  Blank door   Door with transparent compartment	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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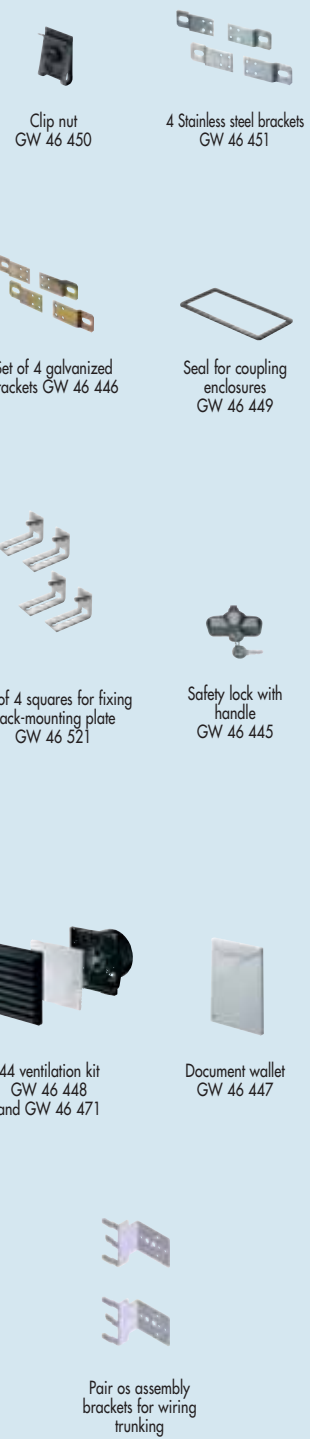
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## SELECTION GUIDE



### SERVICE TECHNICIANS

ASSEMBLY OF MODULAR EQUIPMENT FOR EN 50022 RAIL							Miscellaneous
1-module high cover panels with widows with DIN rail	1-module high blank cover panels	2-module high blank cover panels	Posts (set of two)	DIN rails single/double	1-module high tropicalized steel pierced plates	2-module high tropicalized steel plates	
3 12-module wide single panels	1 double panel		GW 46 435F	GW 46 430F GW 46 530F	3 single plates	1 double plate	
GW 46 420F	GW 46 425F	GW 46 475F			GW 46 440 GW 46 540	GW 46 480 GW 46 580	
4 18-module wide single panels	2 double panels		GW 46 437F	GW 46 431F GW 46 531F	4 single plates	2 double plates	
GW 46 421F	GW 46 426F	GW 46 476F			GW 46 441 GW 46 541	GW 46 481 GW 46 581	
5 28-module wide single panels	2 double panels		GW 46 438F	GW 46 433F GW 46 533F	5 single plates	2 double plates	
GW 46 423F	GW 46 428F	GW 46 478F			GW 46 443 GW 46 543	GW 46 483 GW 46 583	
-	-	-	-	-	-	-	
3 12-module wide single panels	1 double panel		GW 46 435F	GW 46 430F GW 46 530F	3 single plates	1 double plate	
GW 46 420F	GW 46 425F	GW 46 475F			GW 46 440 GW 46 540	GW 46 480 GW 46 580	
3 18-module wide single panels	1 double panel		GW 46 436F	GW 46 431F GW 46 531F	3 single plates	1 double plate	
GW 46 421F	GW 46 426F	GW 46 476F			GW 46 441 GW 46 541	GW 46 481 GW 46 581	
4 18-module wide single panels	2 double panels		GW 46 437F	GW 46 431F GW 46 531F	4 single plates	2 double plates	
GW 46 421F	GW 46 426F	GW 46 476F			GW 46 441 GW 46 541	GW 46 481 GW 46 581	
4 24-module wide single panels	2 double panels		GW 46 437F	GW 46 432F GW 46 532F	4 single plates	2 double plates	
GW 46 422F	GW 46 427F	GW 46 477F			GW 46 442 GW 46 542	GW 46 482 GW 46 582	
5 28-module wide single panels	2 double panels		GW 46 438F	GW 46 433F GW 46 533F	5 single plates	2 double plates	
GW 46 423F	GW 46 428F	GW 46 478F			GW 46 443 GW 46 543	GW 46 483 GW 46 583	
5 36-module wide single plates	2 double panels		GW 46 439F	GW 46 434F GW 46 534F	5 single plates	2 double plates	
GW 46 424F	GW 46 429F	GW 46 479F			GW 46 444 GW 46 544	GW 46 484 GW 46 584	
3 12-module wide single panels	1 double panel		GW 46 435F	GW 46 430F GW 46 530F	3 single plates	1 double plate	
GW 46 420F	GW 46 425F	GW 46 475F			GW 46 440 GW 46 540	GW 46 480 GW 46 580	
3 18-module wide single panels	1 double panel		GW 46 436F	GW 46 431F GW 46 531F	3 single plates	1 double plate	
GW 46 421F	GW 46 426F	GW 46 476F			GW 46 441 GW 46 541	GW 46 481 GW 46 581	
4 18-module wide single panels	2 double panels		GW 46 437F	GW 46 431F GW 46 531F	4 single plates	2 double plates	
GW 46 421F	GW 46 426F	GW 46 476F			GW 46 441 GW 46 541	GW 46 481 GW 46 581	
4 24-module wide single panels	2 double panels		GW 46 437F	GW 46 432F GW 46 532F	4 single plates	2 double plates	
GW 46 422F	GW 46 427F	GW 46 477F			GW 46 442 GW 46 542	GW 46 482 GW 46 582	
5 28-module wide single panels	2 double panels		GW 46 438F	GW 46 433F GW 46 533F	5 single plates	2 double plates	
GW 46 423F	GW 46 428F	GW 46 478F			GW 46 443 GW 46 543	GW 46 483 GW 46 583	
5 36-module wide single plates	2 double panels		GW 46 439F	GW 46 434F GW 46 534F	5 single plates	2 double plates	
GW 46 424F	GW 46 429F	GW 46 479F			GW 46 444 GW 46 544	GW 46 484 GW 46 584	



# 46 RANGE

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## SELECTION GUIDE



### COMPATIBILITY BETWEEN 46 RANGE DISTRIBUTION BOARD AND MTS RANGE AND MSS RANGE




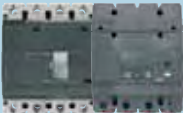


#### QP DISTRIBUTION BOARD



Blank door



Transparent door with 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 B X H X P (mm)		250x300x160	310x425x160	405x500x200	405x650x200	515x650x250	585x800x300	800x1060x350
FINISHING ACCESSORIES	2 UPRIGHTS			GW 46 436F	GW 46 437F	GW 46 437F	GW 46 438F	GW 46 439F7
MTS RANGE BOX-TYPE BREAKER	 MTS 160			GW 46 570F		GW 46 571F	GW 46 572F	GW 46 573F
	 MTS 160 + BDS 160			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 250					GW 46 574F	GW 46 575F	GW 46 576F
MSS RANGE ROTARY SWITCH-DISCONNECTORS	 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

NOTE: the configurations shown in the table are applicable ONLY if the peak-point current of the breaker shown (together 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 datasheets". • The moulded case circuit breaker kit is pre-figured for a vertical application of the MTS device; the BDS Add-on residual current device (when foreseen) is mounted side by side. • The kits are mounted by using frames. The kits panels have the height of 2 modules. • The MCCB's MTS 160 are mounted onto the Din rail by using special shafts included in the kit GW 980 60 which is provided with the package of the RCCB's BDS 160 side by side. The MCCB's MTS 250 require the frame kit GW 984 88 (3P) or GW 984 89 (4P); such kit is included in the package of RCCB's BDS 250 side by side

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### COMPATIBILITY BETWEEN 46 RANGE AND MTS RANGE AND MSS RANGE

QP DISTRIBUTION BOARD							QP DISTRIBUTION BOARD		
 <p>Blank door</p>			 <p>Transparent glass door</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