MCCBs	SWITCH DISCONNECTOR	
MSX/M 160c - MSX/M 250c - MSX/D 125 - MSX/D 160 - MSX/D 250	**MSS 160**	**MSS 250**
		
-	-	-
-	-	-
GW 44 853 (for MSX/M 160c and MSX/D 160 only)	-	-
GW 44 855 (for MSX/M 160c and MSX/D 160 only)	-	-
-	-	-
-	-	-
GW 46 570 F	GW 46 570 F	-
GW 46 570 F	GW 46 570 F	-
GW 46 571 F	GW 46 571 F	GW 46 577 F
GW 46 572 F	GW 46 572 F	GW 46 578 F
GW 46 573 F	GW 46 573 F	GW 46 579 F

46

Watertight surface-mounting distribution and automation boards



The offer includes: 46 QP boards - monobloc, Halogen Free glass fiber loaded polyester, degree of protection IP66; 46 QM boards - IP55 in metal; 46 QX boards - IP55 in stainless steel; 44 CEP boards - monobloc, Halogen Free technopolymer. The 46 QP, QM and 44 CEP boards are available in transparent and blank door versions. In addition, 46 QP, QM and QX boards features Fast & Easy accessories with metal snap fastening.

46 QP - POLYESTER WATERTIGHT BOARDS - IP66



Distribution boards



GW 46 004 F

Polyester watertight boards with blank door fitted with lock - Grey RAL 7035

Code	Nominal dim. LxHxD (mm)	No. of modules EN 50022	No. locks	Dispersible power A (W)	Dispersible power B (W)	Pack Carton
GW 46 001 F	250x300x160	-	1	34	-	1
GW 46 002 F	310x425x160	36 (12x3)	2	48	39	1
GW 46 003 F	405x500x200	54 (18x3)	2	95	53	1
GW 46 004 F	405x650x200	72 (18x4)	2	118	81	1
GW 46 005 F	515x650x250	96 (24x4)	2	126	106	1
GW 46 006 F	585x800x300	140 (28x5)	2	205	146	1
GW 46 007 F	800x1060x350	180 (36x5)	2	324	226	1

CHARACTERISTICS: boxes equipped with inserts pre-assembled in the slots, to speed up the configuration of the board. Doors equipped with functional grid of reference for fixing the devices. From board GW46002F to board GW46006F it is possible to fix the panels with windows or blank (1 or 2 modules) directly in the seats housed in the vertical walls of the boards; for the board GW46007F use uprights GW46439F. Impact resistance: IK10 according to EN 62262.

ACCESSORIES SUPPLIED: 4 reversible brackets with relative screws for fixing back-mounting plates or uprights for modular devices.

NOTES: Dispersible power calculated according to CEI 23-49.

Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).

Dispersible power B (W): board configuration with DIN rails + panels with windows.

The nominal dimensions in the table above refer to the external size of the boards; for the real outer dimensions refer to the technical data sheet downloadable from professionals website GEWISS or to the technical section of this catalogue.

For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.



GW 46 203 F

Polyester watertight boards with transparent door and lock - Grey RAL 7035

Code	Nominal dim. LxHxD (mm)	No. of modules EN 50022	No. locks	Dispersible power A (W)	Dispersible power B (W)	Pack Carton
GW 46 201 F	250x300x160	-	1	34	-	1
GW 46 202 F	310x425x160	36 (12x3)	2	48	39	1
GW 46 203 F	405x500x200	54 (18x3)	2	95	53	1
GW 46 204 F	405x650x200	72 (18x4)	2	118	81	1
GW 46 205 F	515x650x250	96 (24x4)	2	126	106	1
GW 46 206 F	585x800x300	140 (28x5)	2	205	146	1
GW 46 207 F	800x1060x350	180 (36x5)	2	324	226	1

ACCESSORIES SUPPLIED: boxes equipped with inserts pre-assembled in the slots, to speed up the configuration of the board. For the transparent door version: GWT 650°C. From board GW46202F to board GW46206F it is possible to fix the panels with windows or blank (1 or 2 modules) directly in the seats housed in the vertical walls of the boards; for the board GW46207F use uprights GW46439F. Impact resistance of the bottom: IK10 according to EN 62262.

ACCESSORIES SUPPLIED: 4 reversible brackets with relative screws for fixing back-mounting plates or uprights for modular devices.

NOTES: Dispersible power calculated according to CEI 23-49.

Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).

Dispersible power B (W): board configuration with DIN rails + panels with windows.

The nominal dimensions in the table above refer to the external size of the boards; for the real outer dimensions refer to the technical data sheet downloadable from professionals website GEWISS or to the technical section of this catalogue.

For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.

Spare parts



GW 46 504 F

Blank door with lock

Code	For boards LxH (mm)	No. locks	Pack Carton
GW 46 501 F	250x300	1	1/6
GW 46 502 F	310x425	2	1/6
GW 46 503 F	405x500	2	1/8
GW 46 504 F	405x650	2	1/8
GW 46 505 F	515x650	2	1
GW 46 506 F	585x800	2	1
GW 46 507 F	800x1060	2	1

NOTE: spare blank doors as compatible with the respective back plates of the previous boards of the 46QP range.



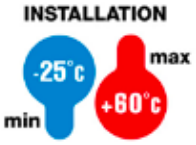
GW 46 513 F

Transparent door and lock

Code	For boards LxH (mm)	No. locks	Pack Carton
GW 46 511 F	250x300	1	1/6
GW 46 512 F	310x425	2	1/6
GW 46 513 F	405x500	2	1/8
GW 46 514 F	405x650	2	1/8
GW 46 515 F	515x650	2	1
GW 46 516 F	585x800	2	1
GW 46 517 F	800x1060	2	1

NOTE: spare transparent doors as compatible with the respective back plates of the previous boards of the 46QP range.

46 QM - WATERTIGHT METAL BOARDS - IP55



IP 55

Distribution boards



GW 46 034

Watertight boards in metal with blank door fitted with lock Grey RAL 7035

FAST & EASY IK 10

Code	Nominal dim. LxHxD (mm)	No. of modules EN 50022	No. locks	Dispersible power A (W)	Dispersible power B (W)	Pack Carton
GW 46 031	250x300x160	-	1	49	-	1
GW 46 032	310x425x160	36 (12x3)	2	70	58	1
GW 46 033	405x500x200	54 (18x3)	2	106	80	1
GW 46 034	405x650x200	72 (18x4)	2	135	97	1
GW 46 035	515x650x250	96 (24x4)	2	180	115	1
GW 46 036	585x800x300	140 (28x5)	2	240	159	1
GW 46 037	800x1060x350	180 (36x5)	2	400	284	1

ACCESSORIES SUPPLIED: screwcaps, threaded pins or reversible squares with the relative bolts and screws for fixing the back-mounting plates or uprights for modular devices.
GW46034, GW46035, GW46036, GW46037 with perforated bottom equipped with flange for cables to pass through.
NOTES: Dispersible power calculated according to CEI 23-49.
For the front configuration (via panels and DIN rails), it is necessary to use the uprights.
Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).
Dispersible power B (W): board configuration with DIN rails + panels with windows.
The technical and functional characteristics, and the nominal values, refer to vertical installation only.
APPLICATIONS: for indoor use (e.g. in industrial systems, on machines, etc.).
The nominal dimensions in the table above refer to the external size of the boards; for the real outer dimensions refer to the technical data sheet downloadable via the QR code at the end of the section.



GW 46 232

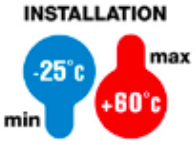
Watertight boards in metal with blank door fitted with tempered glass window and lock Grey RAL 7035

FAST & EASY IK 08

Code	Nominal dim. LxHxD (mm)	No. of modules EN 50022	No. locks	Dispersible power A (W)	Dispersible power B (W)	Pack Carton
GW 46 232	310x425x160	36 (12x3)	2	70	58	1
GW 46 233	405x500x200	54 (18x3)	2	106	80	1
GW 46 234	405x650x200	72 (18x4)	2	135	97	1
GW 46 235	515x650x250	96 (24x4)	2	180	115	1
GW 46 236	585x800x300	140 (28x5)	2	240	159	1
GW 46 237	800x1060x350	180 (36x5)	2	400	284	1

ACCESSORIES SUPPLIED: screwcaps, threaded pins or reversible squares with the relative bolts and screws for fixing the back-mounting plates or uprights for modular devices.
GW46234, GW46235, GW46236, GW46237 with perforated bottom equipped with flange for cables to pass through.
NOTES: Dispersible power calculated according to CEI 23-49.
For the front configuration (via panels and DIN rails), it is necessary to use the uprights.
Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).
Dispersible power B (W): board configuration with DIN rails + panels with windows.
The technical and functional characteristics, and the nominal values, refer to vertical installation only.
APPLICATIONS: for indoor use (e.g. in industrial systems, on machines, etc.).
The nominal dimensions in the table above refer to the external size of the boards; for the real outer dimensions refer to the technical data sheet downloadable via the QR code at the end of the section.

46 QX - WATERTIGHT BOARDS IN STAINLESS STEEL - IP55



IK 10

IP 55

Distribution boards



GW 46 054

Watertight boards in satin stainless steel with blank door fitted with lock

FAST & EASY

Code	Nominal dim. LxHxD (mm)	No. of modules EN 50022	No. locks	Dispersible power A (W)	Dispersible power B (W)	Pack Carton
GW 46 052	310x425x160	36 (12x3)	2	70	58	1
GW 46 054	405x650x200	72 (18x4)	2	135	97	1
GW 46 056	585x800x300	140 (28x5)	2	240	159	1

ACCESSORIES SUPPLIED: screwcaps, threaded pins or reversible squares with the relative bolts and screws for fixing the back-mounting plates or uprights for modular equipment.

GW46054, GW46056 with perforated bottom equipped with flange for cables to pass through.

NOTES: Dispersible power calculated according to CEI 23-49.

For the front configuration (via panels and DIN rails), it is necessary to use the uprights.

Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).

Dispersible power B (W): board configuration with DIN rails + panels with windows.

The technical and functional characteristics, and the nominal values, refer to vertical installation only.

The nominal dimensions in the table above refer to the external size of the boards; for the real outer dimensions refer to the technical data sheet downloadable via the QR code at the end of the section.

APPLICATIONS: for indoor use, in areas that are frequently cleaned with water jets for reasons of hygiene (e.g. industrial kitchens, butchers' shops, etc.).

COMPLEMENTARY ITEMS FOR 46 QP, QM AND QX BOARDS

Front configuration



GW 46 414

Hinged enclosure doors in polyester for assembly of command, signalling and measuring devices - Grey RAL 7035

Code	For boards LxH (mm)	Pack Carton
GW 46 414	310x425	1/5
GW 46 415	405x500	1/4
GW 46 416	405x650	1/5
GW 46 417	515x650	1/2
GW 46 418	585x800	1/2
GW 46 419	800x1060	1

NOTES: for further information about the distances between board door, inner door and back-mounting plate, refer to the dimensional data in the technical catalogue.
CHARACTERISTICS: these are reversible (for the technical details refer to the dedicated section in the technical catalogue).



GW 46 566

Hinged enclosure doors in metal for assembly of command, signalling and measuring devices - Grey RAL 7035

Code	For boards LxH (mm)	Pack Carton
GW 46 564	310x425	1/5
GW 46 565	405x500	1/4
GW 46 566	405x650	1/5
GW 46 567	515x650	1/2
GW 46 568	585x800	1/2
GW 46 569	800x1060	1

NOTES: for further information about the distances between board door, inner door and back-mounting plate, refer to the dimensional data in the technical catalogue. The use of the metal inner door in the boards of the 46QP range requires the earth pin to be connected to the relative PE protection conductor only if non-class 2 devices are assembled on it.
CHARACTERISTICS: these are reversible (for the technical details refer to the dedicated section in the technical catalogue).



GW 46 421 F

Covering panels with window, height 1 module, Fast and Easy quick assembly - Grey RAL 7035

Code	No. of modules EN 50022	For standard boards (mm)	Pack Carton
Height: 1 Module			
GW 46 420 F	12	310	1/10
GW 46 421 F	18	405	1/10
GW 46 422 F	24	515	1/10
GW 46 423 F	28	585	1/5
GW 46 424 F	36	800	1/5

CHARACTERISTICS: captive panel 1/4 turn sealing screws.
GW46420F, GW46421F, GW46422F, GW464223F, possibility to fix directly on the inner walls of the polyester boards.
ACCESSORIES SUPPLIED: fixing accessories. Complete with DIN rail.
NOTES: in all boards, the panel GW46424F can be fixed only with uprights GW46439F.

Fast and Easy quick assembly blank covering panels - Grey RAL 7035



GW 46 425 F

Code	For standard boards (mm)	Pack Carton
Height: 1 Module		
GW 46 425 F	310	1/10
GW 46 426 F	405	1/10
GW 46 427 F	515	1/13
GW 46 428 F	585	1/5
GW 46 429 F	800	1/5
Height: 2 Modules		
GW 46 475 F	310	1/5
GW 46 476 F	405	1/5
GW 46 477 F	515	1/5
GW 46 478 F	585	1/5
GW 46 479 F	800	1

CHARACTERISTICS:

GW46425F, GW46426F, GW46427F, GW46428F, GW46475F, GW46476F, GW46477F, GW46478F possibility to fix directly on the inner walls of the polyester boards. captive panel 1/4 turn sealing screws. in all boards, the panel GW46429F and GW46479F can be fixed only with uprights GW46439F.

ACCESSORIES SUPPLIED: fixing accessories.

Pair of uprights for installation of Fast and Easy quick assembly technical components, for modular devices, moulded-case devices, switch- disconnectors and blank/perforated plates H = 1 and 2 modules



GW 46 437 F

Code	For boards LxH (mm)	Pack Carton
GW 46 435 F	310x425	1/10
GW 46 436 F	405x500	1/10
GW 46 437 F	405x650/515x650	1/10
GW 46 438 F	585x800	1/10
GW 46 439 F	800x1060	1/10

ACCESSORIES SUPPLIED: the uprights are provided with a kit with 4 inserts to be inserted in the seats located on the lower and upper horizontal surfaces. The position of the seats where the inserts have to be housed is shown on the instruction sheet inside the 46QP boards. The insert is fixed in the seat through the expansion of the plate located inside the insert, using a pin with diameter 4 mm. The uprights are installed using the 4 brackets provided with the 46QP boards.

APPLICATIONS: the uprights make it possible to implement extractable frames by using: panels without and with windows, perforated or non-perforated plate with height of 1 or 2 modules, MCCB or switch disconnector kits.

Fast and Easy quick assembly DIN rails



GW 46 431 F

Code	No. of modules EN 50022	For standard boards (mm)	Pack Carton
GW 46 430 F	12	310	1/10
GW 46 431 F	18	405	1/10
GW 46 432 F	24	515	1/10
GW 46 433 F	28	585	1/10
GW 46 434 F	36	800	1/10

ACCESSORIES SUPPLIED: accessories for fixing to panel brackets.

NOTES: To use the DIN rails without the relative blank panel, use the GW46524F kit.

To restore the minimum degree of protection of the open door board, use the relative inner door.

Fast and Easy quick assembly double DIN rails



GW 46 531 F

Code	No. of modules EN 50022	For standard boards (mm)	Pack Carton
GW 46 530 F	12	310	1/10
GW 46 531 F	18	405	1/10
GW 46 532 F	24	515	1/10
GW 46 533 F	28	585	1/10
GW 46 534 F	36	800	1/10

APPLICATIONS: suitable for use with the GWFIX 100 system.

ACCESSORIES SUPPLIED: accessories for fixing to panel brackets.

NOTES: the use of the double DIN rails GW46531F, GW46532F, GW46533F, GW46534F prevents the positioning of the vertical trunking.

To use the DIN rails without the relative blank panel, use the GW46524F kit.

To restore the minimum degree of protection of the open door board, use the relative inner door.



GW 46 570 F

Kit of moulded-case devices and switch-disconnectors - fixing by means of uprights - 2-module panel height - Grey RAL 7035

Code	MSX Type	Disconnector Type	For standard boards (mm)	Pack Carton
Equipment fixing: Plate, DIN rail EN 50022				
GW 46 570 F	MSX/M 160c - MSX/M 250c - MSX/D 125 - MSX/D 160 - MSX/D 250	MSS 160	405	1
GW 46 571 F	MSX/M 160c - MSX/M 250c - MSX/D 125 - MSX/D 160 - MSX/D 250	MSS 160	515	1
GW 46 572 F	MSX/M 160c - MSX/M 250c - MSX/D 125 - MSX/D 160 - MSX/D 250	MSS 160	585	1
GW 46 573 F	MSX/M 160c - MSX/M 250c - MSX/D 125 - MSX/D 160 - MSX/D 250	MSS 160	800	1
Equipment fixing: on plate				
GW 46 577 F	-	MSS 250	515	1
GW 46 578 F	-	MSS 250	585	1
GW 46 579 F	-	MSS 250	800	1

CHARACTERISTICS: panels with windows H=45mm; captive and sealing 1/4 turn screws; Fixed with uprights.
Pre-arrangement for vertically positioned devices. Halogen-free plastic material in accordance with EN 60754-2 (CEI EN 50267-2-2).
ACCESSORIES SUPPLIED: fixing accessories.
NOTES: the MSX/M 160c (both 3P and 4P) must be fixed to the DIN rail through the brackets of the kit GWD8875.
The MSX/M 250c, MSX/D 125, MSX/D 160 and MSX/D 250 (both 3P and 4P) require the kit GWD8876.
You are advised to always insert a blank panel above the moulded-case/switch-disconnector kit, to facilitate the cord positioning in the case of cord entry from the bottom. The MSX can be installed together with MSS on the same DIN rail through the depth adapter GWD3317 to compensate the different heights
The peak current of the one-way switch indicated (in line with the presumed short-circuit current in the installation point) must NOT be greater than 17kA.
The presumed short-circuit current in the power supply line of the main switch of the board must NOT be greater than 10kA.

Internal configuration

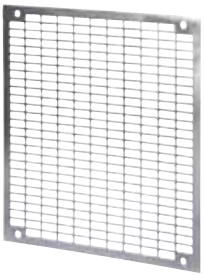


GW 46 401

Steel back-mounting plates with anti-corrosion treatment for the assembly of non-modular equipment

Code	For boards LxH (mm)	Pack Carton
GW 46 401	250x300	1/5
GW 46 402	310x425	1/5
GW 46 403	405x500	1/5
GW 46 404	405x650	1/4
GW 46 405	515x650	1/2
GW 46 406	585x800	1/2
GW 46 407	800x1060	1

NOTES: for further information relating to the maximum applicable loads, see the table on the corresponding pages of the technical catalogue.



GW 46 464

Perforated back-mounting plates in galvanised steel for the assembly of non-modular equipment

Code	For boards LxH (mm)	Pack Carton
GW 46 461	250x300	1/5
GW 46 462	310x425	1/5
GW 46 463	405x500	1/5
GW 46 464	405x650	1/5
GW 46 465	515x650	1/4
GW 46 466	585x800	1/3
GW 46 467	800x1060	1/2

NOTES: to install devices, use nut and clips GW46450.
for further information relating to the maximum applicable loads, see the table on the corresponding pages of the technical catalogue.



GW 46 408

Back-mounting plates in insulating material for the assembly of non-modular equipment

Code	For boards LxH (mm)	Pack Carton
GW 46 408	250x300	1/5
GW 46 409	310x425	1/5
GW 46 410	405x500	1/5
GW 46 411	405x650	1/4
GW 46 412	515x650	1/3
GW 46 413	585x800	1/2

NOTES: for further information relating to the maximum applicable loads, see the table on the corresponding pages of the technical catalogue.



GW 46 540

Blank plates in steel - Fixing by means of uprights

Code	For boards LxH (mm)	No. of modules EN 50022	Pack Carton
Height: 1 Module			
GW 46 540	310x425	12	1/5
GW 46 541	405x500/405x650	18	1/5
GW 46 542	515x650	24	1/5
GW 46 543	585x800	28	1/5
GW 46 544	800x1060	36	1/4
Height: 2 Modules			
GW 46 580	310x425	12	1/5
GW 46 581	405x500/405x650	18	1/5
GW 46 582	515x650	24	1/5
GW 46 583	585x800	28	1/5
GW 46 584	800x1060	36	1/2

NOTES: to install non-standard devices and/or moulded-case devices.



GW 46 450

Nut and clips in galvanised steel for the fixing of devices on to perforated back-mounting plates

Code	Description	Pack Carton
GW 46 450	Clip nut for screw M5	10/100

Service complementary items

Double insulation and drainage kit

Code	Description	Pack Carton
GW 46 526	4 caps for resetting double insulation and 1 cap for closing the drain hole	1/20

CHARACTERISTICS: isolating technopolymer.
APPLICATIONS: correctly installed, makes it possible to restore original IP degree and double insulation of 46QP range boards in case of direct fixing of the board to the wall by drilling the back plate and without using the set of 4 steel brackets.



GW 46 526

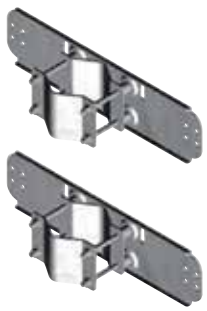
Set of 4 steel brackets for fixing surface-mounting boards

Code	Material	Accessories supplied	Pack Carton
GW 46 446	Galvanised steel	Self-tapping fixing screws	20
GW 46 451	Stainless steel	Self-tapping fixing screws	20

CHARACTERISTICS: To restore the double insulation and original IP degree of the boards in case of indirect fixing to the wall. Suitable also for 46QP photovoltaic application.



GW 46 451



GW 46 551

Pole support kit for boards 46 QP

Code	For boards LxH (mm)	Max sustainable load (kg)	Pack Carton
GW 46 551	250x300	125	1
GW 46 552	310x425	125	1
GW 46 553	405x500/405x650	125	1
GW 46 554	515x650	125	1
GW 46 555	585x800	125	1

CHARACTERISTICS: fixed on the back of the boards.
APPLICATIONS: for applications of the 46QP boards on poles from 60 to 80mm and, by means of a banding (not included with the accessories supplied), from 80 to 200mm. To restore the double insulation and original IP degree of the boards in case of indirect fixing to the wall. Suitable also for 46QP photovoltaic application.
ACCESSORIES SUPPLIED: 2 pieces. For the correct use of the kit, see the instructions sheet.



GW 46 557 F

Kit for wiring trunking assembly

Code	Trunking use	Pack Carton
GW 46 557 F	Horizontal and/or vertical	1/10

CHARACTERISTICS: fixing on the board uprights. In the boards of size 3, 4, 5 and 6, vertical trunking support up to (LxH) 60x60 mm and horizontal trunking up to (LxH) 60x40 mm, while for boards of size 7, vertical and horizontal trunking support up to (LxH) 40x60 mm.
APPLICATIONS: for boards of at least 405x500 mm.
NOTES: the kit for wiring trunking assembly is used to create flat horizontal and vertical routes.
ACCESSORIES SUPPLIED: 2 trunking fixing brackets, 2 DIN rail assembly brackets and 6 - 4x6 mm screws. For the use of the kit, see the instructions sheet.



GW 46 524 F

Fast and Easy quick assembly brackets kit with support slide, adjustable for DIN rails

Code	Used for DIN rails	Pack Carton
GW 46 524 F	Simple and double	1/4

NOTES: use the GW46524F kit to assembly the 18, 24, 28 and 36M DIN rails without the specific blanck panel.
To restore the minimum degree of protection of the open door board, use the relative inner door.



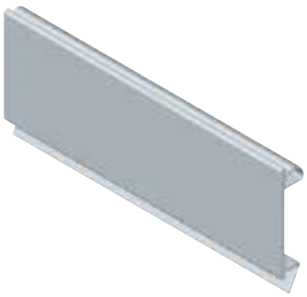
GW 46 591

Handles for transportation

Code	Description	Pack Carton
GW 46 591	Pair of handles	1/10

APPLICATIONS: allows the 46QP boards to be transported.
NOTES: the handle kit can be used simultaneously with the pole support kit or the set of brackets, for wall mounting.

Blanking module profile in plastic material - Grey RAL 7035

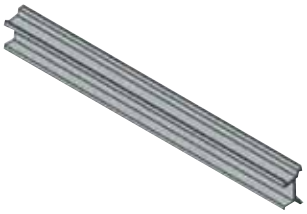


GW 47 291

Code	No. of modules EN 50022	Colour	Pack Carton
GW 40 423	4.5	Grey RAL 7035	50
GW 47 291	24	Grey RAL 7035	10

CHARACTERISTICS: clip fixing on DIN perforated front panels.

Depth adapter



GW D3 317

Code	Length (mm)	Pack Carton
GW D3 317	600	1

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).

Seal for coupling boards equipped with drilling template - IP55



GW 46 449

Code	Dimensions (mm)	Pack Carton
GW 46 449	300x171	1/10

APPLICATIONS: can be used on enclosures starting with the 515x650x250 mm dimension.

Set of 4 reversible squares for fixing back-mounting plates or uprights for modular equipment



GW 46 521 F

Code	Description	Pack Carton
GW 46 521 F	Reversible squares	1/20

APPLICATIONS: allows the combined installation of the back-mounting plate and the frame.
ACCESSORIES SUPPLIED: fixing screws; 4 inserts.



GW 46 592 F

Inserts kit

Code	Description	Pack Carton
GW 46 592 F	M6 inserts kit	1/100

APPLICATIONS: allows you to extend the possibility of adding functional accessories to all the slots of the 46QP boards.
NOTES: the inserts are inserted in the free slots of the 46QP boards and are expanded in the housing using a small dowel with a diameter of 4mm. One insert kit package contains 10 inserts.



GW 46 522

Triangular key

Code	Description	Pack Carton
GW 46 522	Triangular key	10

APPLICATIONS: for boards 46QP, QX, QM e CEP.



GW 46 523

Triangular lock

Code	Description	Pack Carton
GW 46 523	Triangular lock	10

APPLICATIONS: for boards 46QP, QX, QM e CEP.



GW 46 445

Security lock with handle

Code	Description	Pack Carton
GW 46 445	Security lock key and handle	10

APPLICATIONS: for boards 46QP, QX, QM e CEP.
ACCESSORIES SUPPLIED: 2 keys.
NOTES: All the keys and relative locks with the same product code are identical.

Ventilation kit



GW 46 448

Code	IP degree	Rated voltage	Fixing hole (mm)	Screws centre distance (mm)	Pack Carton
GW 46 448	IP44	230 V - 50 / 60 Hz	125x117	123x115	1/2

CHARACTERISTICS: the fan takes in air from the outside and introduces it into the distribution board, creating a slight overpressure that prevents foreign particles from entering. Max fan capacity 60 m³/h. Absorbed power equal to 20 W.
APPLICATIONS: forced ventilation in critical thermal conditions.
ACCESSORIES SUPPLIED: drilling template.

Aeration kit



GW 46 471

Code	IP degree	Fixing hole (mm)	Screws centre distance (mm)	Pack Carton
GW 46 471	IP44	125x117	123x115	1/10

ACCESSORIES SUPPLIED: drilling template.

Document holder pocket in self-adhesive insulating material with kit of blank labels



GW 46 447

Code	Dimensions LxH (mm)	Pack Carton
GW 46 447	230x310	1/10

CHARACTERISTICS: can be inserted in all GEWISS enclosures from dimension 405x500x200 mm upwards.

Two-pole distribution terminal blocks with transparent protection cover - fixing on plate or DIN rail EN 50022 - 750V - T 85°C



GW 44 693

Code	Outer dim. LxHxD (mm)	No. of modules EN 50022	Input connecting capacity	Output connecting capacity	Icw (1s)	Pack Carton
Rated current (A): 100						
GW 44 691	68x47x45	4	1x(6-35) mm²	[1x(4-25) + 5x(1.5-10)] mm²	6 kA	1/40
Rated current (A): 125						
GW 44 693	134x47x45	8	1x(6-35) mm²	[2x(4-25) + 2x(4-16) + 10x(1.5-10)] mm²	6 kA	1/12

CHARACTERISTICS: the indicated connection capacity is "per pole" and refers to the fitting of cables with "test prods".
NOTES: products bearing the IMQ quality mark.

Four-pole distribution terminal blocks with transparent protection cover. Fixing on plate or DIN rail EN 50022 - 750V - T 85°C



GW 44 696

Code	Outer dim. LxHxD (mm)	No. of modules EN 50022	Input connecting capacity	Output connecting capacity	Icw (1s)	Pack Carton
Rated current (A): 100						
GW 44 696	72x98x45	4	1x(6-35) mm²	[1x(4-25) + 5x(1.5-10)] mm²	6 kA	1/20
Rated current (A): 125						
GW 44 698	138x98x45	8	1x(6-35) mm²	[2x(4-25) + 2x(4-16) + 10x(1.5-10)] mm²	6 kA	1/10
Rated current (A): 160						
GW 44 699	186x136x70	11	1x(16-50) mm²	[2x(10-35) + 2x(6-25) + 8x(4-16)] mm²	10 kA	1/12

CHARACTERISTICS: terminal tightening torque: input cables 4 Nm, output cables 1.5 Nm.
the indicated connection capacity is "per pole" and refers to the fitting of cables with "test prods".
NOTES: products bearing the IMQ quality mark.

Horizontal four-pole divider 250 A with pre-drilled threaded M6 bars - 20x5 mm

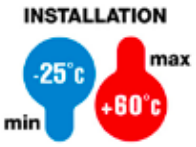


GW 44 700

Code	Dimensions (mm)	No. of modules EN 50022	Installation	Input connecting capacity	Output connecting capacity	Icw (1s)	Pack Carton
GW 44 700	285x190x70	16	On profile EN 50022	1xM12	10xM6	17 kA	1/2

ACCESSORIES SUPPLIED: installation clip on DIN rail.

44 CEP - WATERTIGHT BOARDS IN GWPLAST 120 - GWT 650 °C - IP55













Distribution boards

Watertight boards with blank door fitted with lock - Grey RAL 7035



GW 44 810

HF

Code	Outer dim. LxHxD (mm)	No. of modules EN 50022	No. locks	Dispersible power A (W)	Dispersible power B (W)	Pack Carton
GW 44 808	200x254x135	-	1	16	17	4
GW 44 809	236x316x135	8	1	26	31	4
GW 44 810	316x396x160	24 (12X2)	2	42	34	2
GW 44 811	396x474x160	32 (16X2)	2	52	46	2

CHARACTERISTICS: Doors equipped with functional grid of reference for fixing the devices. Impact resistance: 5 J.
ACCESSORIES SUPPLIED: frame for semi-flush-mounting installations, screwcap for double insulation, triangle key.
NOTES: The technical and functional characteristics, and the nominal values, refer to vertical installation only.
Dispersible power calculated according to CEI 23-49:
Dispersible power A (W): configuration of the board with relative back-mounting plate.
Dispersible power B (W): configuration of the board with relative panel with windows.

Watertight boards with transparent door fitted with lock - Grey RAL 7035



GW 44 820

HF

Code	Outer dim. LxHxD (mm)	No. of modules EN 50022	No. locks	Dispersible power A (W)	Dispersible power B (W)	Pack Carton
GW 44 818	200x254x135	-	1	16	17	4
GW 44 819	236x316x135	8	1	26	31	4
GW 44 820	316x396x160	24 (12X2)	2	42	34	2
GW 44 821	396x474x160	32 (16X2)	2	52	46	2

CHARACTERISTICS: Doors equipped with functional grid of reference for fixing the devices. Impact resistance: 5 J.
ACCESSORIES SUPPLIED: frame for semi-flush-mounting installations, screwcap for double insulation, triangle key.
NOTES: The technical and functional characteristics, and the nominal values, refer to vertical installation only.
Dispersible power calculated according to CEI 23-49:
Dispersible power A (W): configuration of the board with relative back-mounting plate.
Dispersible power B (W): configuration of the board with relative panel with windows.

Internal configuration



GW 44 639

Back-mounting plate in galvanised steel with self-tapping fixing screws

Code	For boards LxH (mm)	Pack Carton
GW 44 636	200x254	20
GW 44 637	236x316	20
GW 44 638	316x396	5
GW 44 639	396x474	5



GW 44 649

Back-mounting plate in insulated material with self-tapping fixing screws

Code	For boards LxH (mm)	Pack Carton
GW 44 646	200x254	20
GW 44 647	236x316	20
GW 44 648	316x396	4
GW 44 649	396x474	5

CHARACTERISTICS: equipped with functional grid for fixing devices.



GW 44 854

Panels with window for modular devices and moulded-case circuit breakers in fixed position execution, up to 160 A coupling - Grey RAL 7035

HF

Code	No. of modules EN 50022	For boards LxH (mm)	Suitable for	Pack Carton
GW 44 852	8	236x316	Moulded case max 125 A	8
GW 44 853	14	316x396	Moulded case max 160 A	8
GW 44 854	24 (12X2)	316x396	Moulded case max 125 A	8
GW 44 855	32 (16X2)	396x474	Moulded case max 160 A	8

ACCESSORIES SUPPLIED: fixing uprights and DIN rails, module masks, user labels.

Service complementary items

Set of 4 steel brackets for fixing surface-mounting boards



GW 46 451

Code	Material	Accessories supplied	Pack Carton
GW 46 446	Galvanised steel	Self-tapping fixing screws	20
GW 46 451	Stainless steel	Self-tapping fixing screws	20

Wall fixing bracket



GW 44 621

Code	Material	Accessories supplied	For enclosures For dist. boards	Pack Carton
GW 44 621	Insulation	Self-tapping fixing screws	All wall types	40/480

APPLICATIONS: used to maintain the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.
ACCESSORIES SUPPLIED: 2 fixing screws.

Plastic module cover profile



GW 40 423

Code	No. of modules EN 50022	Colour	Pack Carton
GW 40 423	4.5	Grey RAL 7035	50

CHARACTERISTICS: clip fixing on DIN perforated front panels.

Triangular key



GW 46 522

Code	Description	Pack Carton
GW 46 522	Triangular key	10

APPLICATIONS: for boards 46QP, QX, QM e CEP.

Triangular lock

Code	Description	Pack Carton
GW 46 523	Triangular lock	10

APPLICATIONS: for boards 46QP, QX, QM e CEP.



GW 46 523

Security lock with handle

Code	Description	Pack Carton
GW 46 445	Security lock key and handle	10

ACCESSORIES SUPPLIED: 2 keys.

NOTES: All the keys and relative locks with the same product code are identical.



GW 46 445



46



Scan the QR Code and find out all the technical informations.

46 QP - NEW STYLE AND PERFORMANCE



The 46 QP polyester boards feature an IP66 protection rating, and the modern-design transparent door versions offer more than 20% extra internal visibility than previous versions.

46 QP - SOLUTIONS FOR EVERY APPLICATION



GEWISS has subjected the 46 QP boards to rigorous testing in order to obtain valid certifications for their use in various applications. 46 QP boards are, for example, ASC approved and certified for site applications and are ideal for photovoltaic installations.

FAST & EASY - ROBUSTNESS, SPEED AND MULTIPLE ACCESSORY OPTIONS



The FAST & EASY system, common to the 46 QP/QM/QX boards, reduces assembly time by up to 40% compared to traditional systems. Robustness and reliability are achieved through the use of metal components and via a rapid and intuitive usage.

40 CD

Surface-mounting enclosures

			40 CDK SURFACE-MOUNTING MODULAR WATERTIGHT ENCLOSURES AND BOARDS IP65			40 CD SURFACE-MOUNTING WATERTIGHT ENCLOSURES IP55
			Colour: RAL 7035 Grey Walls: smooth 			Colour: RAL 7035 Grey Walls: with perforations centres 
			Door: smoked transparent			Door: smoked transparent
			Without terminal block	With 80A - IP20 bipolar terminal block		
				1st level	2nd level	
Modules		2	-	-	-	-
		4	GW 40 101	-	-	GW 40 001
		6	-	-	-	-
		8	GW 40 102	GW 40 102 BS	-	GW 40 003
		12	GW 40 103	GW 40 103 BS	-	GW 40 005
		18	GW 40 106	GW 40 106 BS	-	-
		24 (12x2)	GW 40 104	GW 40 104 BS	GW 40 104 BD	GW 40 007
		36 (12x3)	GW 40 105	GW 40 105 BD	GW 40 105 UD	-
		36 (18x2)	GW 40 107	GW 40 107 BS	GW 40 107 BD	GW 40 009
		54 (18x3)	GW 40 108	GW 40 108 BD	GW 40 108 BT	-
		72 (18x4)	GW 40 109	GW 40 109 BD	GW 40 109 BQ	-
COMPLEMENTARY ITEMS	INSTALLATION	Surface-mounting fixing brackets for enclosures and boards 	4 x GW 44 621			4 x GW 44 621
		Stylish coupling covers for conduit and trunking entry 	**Modules**	**Code**		-
			12-24-36(12x3)	GW 40 473		
			18-36(18x2)-54-72	GW 40 474		
	WIRING	Internal horizontal dividers 	**Modules**	**Code**		-
			24-36(12x3)	GW 40 487		
			36(18x2)-54-72	GW 40 488		
		Blind cover panels 1 module height	**Modules**	**Code**		-
			24-36(12x3)	GW 40 492		
			36(18x2)-54-72	GW 40 493		
	MISCELLANEOUS	Cylindrical safety lock 	**Modules**	**Code**		-
			4-8-12-18-24-36(18x2)	1 x GW 40 422		
			36(12x3)-54-72	2 x GW 40 422		
		Triangular key 	-			1 x GW 40 421

40 CD PROTECTED SURFACE-MOUNTING DECORATIVE ENCLOSURES IP40						40 CD PROTECTED SURFACE-MOUNTING ENCLOSURES IP40
Colour: RAL 9016 White Walls: smooth						Colour: RAL 7035 Grey Walls: awith perforation centres 
Door: smoked transparent			Door: blank			Door: no
Without terminal block	With 80A - IP20 bipolar terminal block		Without terminal block	With 80A - IP20 bipolar terminal block		Without terminal block
	1st level	2nd level		1st level	2nd level	
-	-	-	-	-	-	GW 40 022
-	-	-	-	-	-	GW 40 023
-	-	-	-	-	-	GW 40 024
GW 40 043	GW 40 043 BS	-	GW 40 063	GW 40 063 BS	-	GW 40 026
GW 40 045	GW 40 045 BS	-	GW 40 065	GW 40 065 BS	-	GW 40 028
-	-	-	-	-	-	-
GW 40 047	GW 40 047 BS	GW 40 047 BD	GW 40 067	GW 40 067 BS	GW 40 067 BD	GW 40 030
-	-	-	-	-	-	GW 40 032
GW 40 049	GW 40 049 BS	GW 40 049 BD	GW 40 069	GW 40 069 BS	GW 40 069 BD	-
GW 40 051	GW 40 051 BD	-	GW 40 071	GW 40 071 BD	-	-
GW 40 053	GW 40 053 BD	GW 40 053 BQ	GW 40 073	GW 40 073 BD	GW 40 073 BQ	-
4 x GW 44 621						4 x GW 44 621
-						-
-						-
-						-
Modules			**Code**			-
8-12-18-24-36-54			1 x GW 40 422			
72			2 x GW 40 422			
-						-

Compatibility of surface mounting enclosures with bipolar and unipolar terminal blocks

Surface-mounting encloure range	Modules	Door	Code	Terminal blocks position	Screw terminal blocks Terminal block size 1 Bipolar 125 A 2 x [(1x35)+(7x10)] GW 40 401	Bipolar 80 A 2 x [(2x16)+(7x10)] GW 40 408 B	Unipolar 80 A 1 x [(2x16)+(7x10)] GW 40 408 U
40 CDK SURFACE-MOUNTING MODULAR WATERTIGHT ENCLOSURES AND BOARDS IP65 	**8**	Door: smoked transparent	GW 40 102		N° 1	N° 1	N° 1
	12	Door: smoked transparent	GW 40 103		N° 1 (*)	N° 1 (*)	N° 1 (*)
	18	Door: smoked transparent	GW 40 106		N° 1 (*)	N° 1 (*)	N° 1 (*)
	24 (12x2)	Door: smoked transparent	GW 40 104		N° 2 (*)	N° 2 (*)	N° 2 (*)
	36 (12x3)	Door: smoked transparent	GW 40 105		N° 2 (*)	N° 2 (*)	N° 2 (*)
	36 (18x2)	Door: smoked transparent	GW 40 107		N° 2 (*)	N° 2 (*)	N° 2 (*)
	54 (18x3)	Door: smoked transparent	GW 40 108		N° 3 (*)	N° 3 (*)	N° 3 (*)
	72 (18x4)	Door: smoked transparent	GW 40 109		N° 4 (*)	N° 4 (*)	N° 4 (*)
40 CD SURFACE-MOUNTING WATERTIGHT ENCLOSURES IP55 	**8**	Door: smoked transparent	GW 40 003		N° 1	N° 1	N° 1
	12	Door: smoked transparent	GW 40 005		N° 1 (*)	N° 1 (*)	N° 1 (*)
	24 (12x2)	Door: smoked transparent	GW 40 007		N° 2	N° 2	N° 2
	36 (18x2)	Door: smoked transparent	GW 40 009		N° 2 (*)	N° 2 (*)	N° 2 (*)
40 CD PROTECTED SURFACE-MOUNTING DECORATIVE ENCLOSURES IP40  	**8**	Door: smoked transparent	GW 40 043		N° 1	N° 1	N° 1
		Door: blank	GW 40 063				
	12	Door: smoked transparent	GW 40 045		N° 1 (*)	N° 1 (*)	N° 1 (*)
		Door: blank	GW 40 065				
	24 (12x2)	Door: smoked transparent	GW 40 047		N° 2 (*)	N° 2 (*)	N° 2 (*)
		Door: blank	GW 40 067				
	36 (18x2)	Door: smoked transparent	GW 40 049		N° 2 (*)	N° 2 (*)	N° 2 (*)
		Door: blank	GW 40 069				
	54 (18x3)	Door: smoked transparent	GW 40 051		N° 2 (*)	N° 2 (*)	N° 2 (*)
		Door: blank	GW 40 071				
	72 (18x4)	Door: smoked transparent	GW 40 053		N° 4 (*)	N° 4 (*)	N° 4 (*)
		Door: blank	GW 40 073				
40 CD PROTECTED SURFACE-MOUNTING ENCLOSURES IP40 	**8**	Door: no	GW 40 026		N° 1	N° 1	N° 1
	12	Door: no	GW 40 028		N° 1 (*)	N° 1 (*)	N° 1 (*)
	24 (12x2)	Door: no	GW 40 030		N° 2	N° 2	N° 2
	36 (12x3)	Door: no	GW 40 032		N° 2 (*)	N° 2 (*)	N° 2 (*)

(*) The installation is allowed using No.1 adapter GW40413 for each terminal block installed.

Screw terminal blocks



Terminal block size 2				Terminal block size 3		
Bipolar 125 A 2 x [(3x35)+(10x10)]	Bipolar 80 A 2 x [(3x16)+(11x10)]	Unipolar 80 A 1 x [(3x16)+(11x10)]	Unipolar 80 A 1 x [(3x16)+(29x10)]	Bipolar 125 A 2 x [(5x35)+(14x10)]	Bipolar 80 A 2 x [(3x16)+(17x10)]	Unipolar 80 A 1 x [(3x16)+(17x10)]
GW 40 402	GW 40 412 B	GW 40 412 U	GW 40 422 U	GW 40 404	GW 40 418 B	GW 40 418 U
-	-	-	-	-	-	-
N° 1	N° 1	N° 1	N° 1	-	-	-
N° 1 (*)	N° 1 (*)	N° 1 (*)	N° 1 (*)	N° 1	N° 1	N° 1
N° 2	N° 2	N° 2	N° 2	-	-	-
N° 2	N° 2	N° 2	N° 2	-	-	-
N° 2 (*)	N° 2 (*)	N° 2 (*)	N° 2 (*)	N° 2	N° 2	N° 2
N° 3 (*)	N° 3 (*)	N° 3 (*)	N° 3 (*)	N° 3	N° 3	N° 3
N° 4 (*)	N° 4 (*)	N° 4 (*)	N° 4 (*)	N° 4	N° 4	N° 4
-	-	-	-	-	-	-
N° 1	N° 1	N° 1	N° 1	-	-	-
-	-	-	-	-	-	-
N° 2	N° 2	N° 2	N° 2	-	-	-
-	-	-	-	-	-	-
N° 1	N° 1	N° 1	N° 1	-	-	-
N° 2	N° 2	N° 2	N° 2	-	-	-
N° 2 (*)	N° 2 (*)	N° 2 (*)	N° 2 (*)	N° 2	N° 2	N° 2
N° 2 (*)	N° 2 (*)	N° 2 (*)	N° 2 (*)	N° 2	N° 2	N° 2
N° 4 (*)	N° 4 (*)	N° 4 (*)	N° 4 (*)	N° 4	N° 4	N° 4
-	-	-	-	-	-	-
N° 1	N° 1	N° 1	N° 1	-	-	-
-	-	-	-	-	-	-
N° 2	N° 2	N° 2	N° 2	-	-	-

40 CD

Surface-mounting distribution boards and enclosures



The 40CD Series of control units, available in transparent or blind door versions and in sizes from 8 to 72 modules, guarantees aesthetic integration with all types of furniture. The offer includes: 40CDK - IP65 watertight panels with removable frame (from 24M) and lead-in panels; accessories with wiring ducts, locks, aesthetic covers and blind panels, 40CD - IP55 watertight control units with drilling doilies on the walls, door with lock for each modular row; 40CD control units protected by furniture - IP40 up to 72M in the smoke and blind door versions; 40CD control units without door - IP40. All materials are Halogen Free.

40 CDK - MODULAR WATERTIGHT ENCLOSURES AND DISTRIBUTION BOARDS - IP65



Smoked transparent door - Smooth walls



GW 40 101

Enclosures - predisposed for terminal block - Grey RAL 7035

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Dispersible power (W)	Pack Carton
GW 40 101	4	143x210x100	13	19
GW 40 102	8	215x210x100	16	12
GW 40 103	12	298x260x140	26	6
GW 40 106	18	410x285x140	38	3

ACCESSORIES SUPPLIED: screwcaps and module masks, circuit labels. GW40102, GW40103 and GW40106, self-adhesive label to be filled out for certification according to standard CEI 23-51.
NOTES: Dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter.
To restore the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621).
For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.
CHARACTERISTICS: Thermo-pressure with ball equal to 70°C.
INSTALLATION: for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.



GW 40 102 BS

Enclosures - equipped with 80 A IP20 bipolar screw terminal block - Grey RAL 7035

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Dispersible power (W)	Pole 1 (mm²)	Pole 2 (mm²)	Pack Carton
GW 40 102 BS	8	215x210x100	16	N/E (2x16) + (7x10)	N/E (2x16) + (7x10)	12
GW 40 103 BS	12	298x260x140	26	N/E (3x16) + (11x10)	N/E (3x16) + (11x10)	6
GW 40 106 BS	18	410x285x140	38	N/E (3x16) + (17x10)	N/E (3x16) + (17x10)	3

ACCESSORIES SUPPLIED: screwcaps and module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51. Insulated bipolar screw 80A - IP20 terminal blocks to be installed on the frame before wiring.
NOTES: dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter. To restore the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621). For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.
CHARACTERISTICS: thermo-pressure with ball equal to 70°C.



GW 40 105

Distribution boards with panels with window and extractable frame predisposed for terminal block - Grey RAL 7035

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Dispersible power (W)	Pack Carton
GW 40 104	24 (12X2)	298x420x140	32	3
GW 40 105	36 (12x3)	298x570x140	42	2
GW 40 107	36 (18x2)	410x463x140	43	2
GW 40 108	54 (18x3)	410x655x140	66	1
GW 40 109	72 (18x4)	410x878x160	89	1

ACCESSORIES SUPPLIED: screwcaps and module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51.
NOTES: Dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter.
To restore the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621).
For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.
CHARACTERISTICS: removable and plumbable panels with windows. Thermo-pressure with ball equal to 70°C.
INSTALLATION: for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.



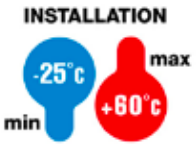
GW 40 105 BD

Distribution boards with windowed removable panels, extractable frame equipped with 80 A IP20 bipolar screw terminal blocks - Grey RAL 7035

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Dispersible power (W)	Pole 1 (mm²)	Pole 2 (mm²)	Pack Carton
GW 40 104 BS	24 (12X2)	298x420x140	32	N/E (3x16) + (11x10)	N/E (3x16) + (11x10)	3
GW 40 104 BD	24 (12X2)	298x420x140	32	N/E 2x[(3x16) + (11x10)]	N/E 2x[(3x16) + (11x10)]	3
GW 40 105 BD	36 (12x3)	298x570x140	42	N/E 2x[(3x16) + (11x10)]	N/E 2x[(3x16) + (11x10)]	2
GW 40 105 UD	36 (12x3)	298x570x140	42	N/E (3x16) + (29x10)	N/E (3x16) + (29x10)	2
GW 40 107 BS	36 (18x2)	410x463x140	43	N/E (3x16) + (17x10)	N/E (3x16) + (17x10)	2
GW 40 107 BD	36 (18x2)	410x463x140	43	N/E 2x[(3x16) + (17x10)]	N/E 2x[(3x16) + (17x10)]	2
GW 40 108 BD	54 (18x3)	410x655x140	66	N/E 2x[(3x16) + (17x10)]	N/E 2x[(3x16) + (17x10)]	1
GW 40 108 BT	54 (18x3)	410x655x140	66	N/E 3x[(3x16) + (17x10)]	N/E 3x[(3x16) + (17x10)]	1
GW 40 109 BD	72 (18x4)	410x878x160	89	N/E 2x[(3x16) + (17x10)]	N/E 2x[(3x16) + (17x10)]	1
GW 40 109 BQ	72 (18x4)	410x878x160	89	N/E 4x[(3x16) + (17x10)]	N/E 4x[(3x16) + (17x10)]	1

ACCESSORIES SUPPLIED: screwcaps and module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51. Insulated bipolar screw 80A - IP20 terminal blocks to be installed on the frame before wiring.
NOTES: dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter. To restore the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621). For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.
CHARACTERISTICS: thermo-pressure with ball equal to 70°C.

40 CD - WATERTIGHT ENCLOSURES - IP55













Smoked transparent door - Walls with perforation centres



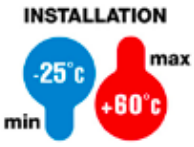
GW 40 001

Enclosures predisposed for terminal block - Grey RAL 7035

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Dispersible power (W)	Pack Carton
GW 40 001	4	105x170x98	12	24
GW 40 003	8	180x180x98	13	24
GW 40 005	12	250x250x135	25	8
GW 40 007	24 (12X2)	250x375x135	27	6
GW 40 009	36 (18x2)	376x400x135	41	4

ACCESSORIES SUPPLIED: screwcaps and module masks, circuit labels, spare screws in insulating material.
Self-adhesive label to be filled out for certification according to standard CEI 23-51.
GW40005, GW40007, GW40009: doors equipped with lock, with 2 triangular keys.
NOTES: Dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter.
To restore the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621).
For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621.
CHARACTERISTICS: Thermo-pressure with ball equal to 70°C.
INSTALLATION: for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.

40 CD - PROTECTED DECORATIVE ENCLOSURES - IP40













Smoked transparent door - Smooth walls

Enclosures predisposed for terminal block - White RAL 9016



GW 40 043

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Dispersible power (W)	Pack Carton
GW 40 043	8	200x180x100	15	14
GW 40 045	12	280x225x100	22	9
GW 40 047	24 (12X2)	280x350x100	25	6
GW 40 049	36 (18x2)	400x400x130	45	2
GW 40 051	54 (18x3)	400x550x130	63	2
GW 40 053	72 (18x4)	400x850x150	75	1

ACCESSORIES SUPPLIED: module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51.
GW40049, GW40051, GW40053, fitted with removable frame, to carry out the wiring operations outside the enclosure.
NOTES: Dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter.
To restore the double insulation, use the relative accessories supplied (module masks and screwcaps or brackets for surface-mounting).
CHARACTERISTICS: Thermo-pressure with ball equal to 70°C.
INSTALLATION: for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.

Enclosures equipped with 80 A IP20 bipolar screw terminal blocks - White RAL 9016



GW 40 043 BS

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Dispersible power (W)	Pole 1 (mm²)	Pole 2 (mm²)	Pack Carton
GW 40 043 BS	8	200x180x100	15	N/E (2x16) + (7x10)	N/E (2x16) + (7x10)	14
GW 40 045 BS	12	280x225x100	22	N/E (3x16) + (11x10)	N/E (3x16) + (11x10)	9
GW 40 047 BS	24 (12X2)	280x350x100	25	N/E (3x16) + (11x10)	N/E (3x16) + (11x10)	6
GW 40 047 BD	24 (12X2)	280x350x100	25	N/E 2x[(3x16) + (11x10)]	N/E 2x[(3x16) + (11x10)]	6
GW 40 049 BS	36 (18x2)	400x400x130	45	N/E (3x16) + (17x10)	N/E (3x16) + (17x10)	2
GW 40 049 BD	36 (18x2)	400x400x130	45	N/E 2x[(3x16) + (17x10)]	N/E 2x[(3x16) + (17x10)]	2
GW 40 051 BD	54 (18x3)	400x550x130	63	N/E 2x[(3x16) + (17x10)]	N/E 2x[(3x16) + (17x10)]	2
GW 40 053 BD	72 (18x4)	400x850x150	75	N/E 2x[(3x16) + (17x10)]	N/E 2x[(3x16) + (17x10)]	1
GW 40 053 BQ	72 (18x4)	400x850x150	75	N/E 4x[(3x16) + (17x10)]	N/E 4x[(3x16) + (17x10)]	1

ACCESSORIES SUPPLIED: module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51. GW40049BS,GW40049BD GW40051BD,GW40053BD GW40053BQ, fitted with removable frame, to carry out the wiring operations outside the enclosure. Insulated bipolar screw 80A - IP20 terminal blocks to be installed on the frame before wiring.
NOTES: dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter. To restore the double insulation, use the relative accessories supplied (module masks and screwcaps or brackets for surface-mounting).
CHARACTERISTICS: thermo-pressure with ball equal to 70°C.

Blank door - Smooth walls



GW 40 067

Enclosures predisposed for terminal block - White RAL 9016

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Dispersible power (W)	Pack Carton
GW 40 063	8	200x180x100	15	14
GW 40 065	12	280x225x100	22	9
GW 40 067	24 (12X2)	280x350x100	25	6
GW 40 069	36 (18x2)	400x400x130	45	2
GW 40 071	54 (18x3)	400x550x130	63	2
GW 40 073	72 (18x4)	400x850x150	75	1

ACCESSORIES SUPPLIED: module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51. GW40069, GW40071, GW40073, fitted with removable frame, to carry out the wiring operations outside the enclosure.

NOTES: Dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter. To restore the double insulation, use the relative accessories supplied (module masks and screwcaps or brackets for surface-mounting).

CHARACTERISTICS: thermo-pressure with ball equal to 70°C.

INSTALLATION: for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.



GW 40 067 BD

Enclosures equipped with 80A IP20 bipolar screw terminal blocks - White RAL 9016

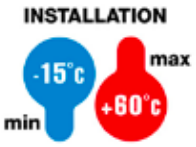
Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Dispersible power (W)	Pole 1 (mm²)	Pole 2 (mm²)	Pack Carton
GW 40 063 BS	8	200x180x100	15	N/E (2x16) + (7x10)	N/E (2x16) + (7x10)	14
GW 40 065 BS	12	280x225x100	22	N/E (3x16) + (11x10)	N/E (3x16) + (11x10)	9
GW 40 067 BS	24 (12X2)	280x350x100	25	N/E (3x16) + (11x10)	N/E (3x16) + (11x10)	6
GW 40 067 BD	24 (12X2)	280x350x100	25	N/E 2x[(3x16) + (11x10)]	N/E 2x[(3x16) + (11x10)]	6
GW 40 069 BS	36 (18x2)	400x400x130	45	N/E (3x16) + (17x10)	N/E (3x16) + (17x10)	2
GW 40 069 BD	36 (18x2)	400x400x130	45	N/E 2x[(3x16) + (17x10)]	N/E 2x[(3x16) + (17x10)]	2
GW 40 071 BD	54 (18x3)	400x550x130	63	N/E 2x[(3x16) + (17x10)]	N/E 2x[(3x16) + (17x10)]	2
GW 40 073 BD	72 (18x4)	400x850x150	75	N/E 2x[(3x16) + (17x10)]	N/E 2x[(3x16) + (17x10)]	1
GW 40 073 BQ	72 (18x4)	400x850x150	75	N/E 4x[(3x16) + (17x10)]	N/E 4x[(3x16) + (17x10)]	1

ACCESSORIES SUPPLIED: module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51. GW40069BS, GW40069BD, GW40071BD, GW40073BD, GW40073BQ fitted with removable frame, to carry out the wiring operations outside the enclosure. Insulated bipolar screw 80A - IP20 terminal blocks to be installed on the frame) before wiring.

NOTES: dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter. To restore the double insulation, use the relative accessories supplied (module masks and screwcaps or brackets for surface-mounting).

CHARACTERISTICS: thermo-pressure with ball equal to 70°C.

40 CD - PROTECTED ENCLOSURES - IP40













Without door - Walls with perforation centres



GW 40 022

Enclosures pre-arranged for terminal block - Grey RAL 7035

HF

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Dispersible power (W)	Pack Carton
GW 40 022	2	45x130x85	7	84
GW 40 023	4	90x130x85	9	36
GW 40 024	6	140x155x85	14	34
GW 40 026	8	180x180x95	18	24
GW 40 028	12+1	250x215x95	27	12
GW 40 030	24+2 (12x2)	250x340x95	40	12
GW 40 032	36+3 (12x3)	250x465x95	54	9

CHARACTERISTICS: Thermo-pressure with ball equal to 70°C. GW40022 plumbable front.
ACCESSORIES SUPPLIED: module masks, circuit labels.
GW40026, GW40028, GW40030, GW40032 supplied with self-adhesive label to be filled out for certification according to standard CEI 23-51.
NOTES: Dispersible power calculated according to CEI 23-49. For the perforations, use the GW52401 milling cutter.
To restore the double insulation, use the relative accessories supplied (module masks and screwcaps or brackets for surface-mounting). To maintain the IP degree declared, install devices with a degree of protection of at least IP40 and use the relative accessories (module masks, screwcaps or wall mounting brackets).
INSTALLATION: for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.

COMPLEMENTARY ITEMS

Installation and coupling

Wall fixing bracket



GW 44 621

HF

Code	Material	Accessories supplied	For enclosures For dist. boards	Pack Carton
GW 44 621	Insulation	Self-tapping fixing screws	All wall types	40/480

APPLICATIONS: used to maintain the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.
ACCESSORIES SUPPLIED: 2 fixing screws.

Aesthetic coupling covers for conduit and trunking entry for CDK distribution boards and enclosures



GW 40 474

HF

Code	For encl. /boards with rail	Fixing	Pack Carton
GW 40 473	12 Modules	Clip	20
GW 40 474	18 Modules	Clip	20

CHARACTERISTICS: covers with internal knockouts for trunking from 60x30mm to 200x60mm.

Wiring



GW 40 412 B

Insulated screw terminal block bipolar and unipolar for enclosures and boards

Code	Pole 1 (mm²)	Pole 2 (mm²)	Fastener to supports	Pack Carton
Type: Bipolar - Rated current 125 A				
GW 40 401	N (1x35) + (7x10)	E (1x35) + (7x10)	With screws	10
GW 40 402	N (3x35) + (10x10)	E (3x35) + (10x10)	With screws and/or clip	10
GW 40 404	N (5x35) + (14x10)	E (5x35) + (14x10)	With screws and/or clip	10
Type: Bipolar - Rated current 80 A - IP20				
GW 40 408 B	N/E (2x16) + (7x10)	N/E (2x16) + (7x10)	With screws	1/10
GW 40 412 B	N/E (3x16) + (11x10)	N/E (3x16) + (11x10)	With screws and/or clip	1/10
GW 40 418 B	N/E (3x16) + (17x10)	N/E (3x16) + (17x10)	With screws and/or clip	1/10
Type: Unipolar - Rated current 80 A - IP20				
GW 40 408 U	N/E (2x16) + (7x10)	-	With screws	1/10
GW 40 412 U	N/E (3x16) + (11x10)	-	With screws and/or clip	1/10
GW 40 418 U	N/E (3x16) + (17x10)	-	With screws and/or clip	1/10
GW 40 422 U	N/E (3x16) + (29x10)	-	With screws and/or clip	1/10

ACCESSORIES SUPPLIED: fixing screws. The 80 A terminal blocks are equipped with N and E labels to be placed on the respective spaces to identify the poles.
USES: Ideal also for earth connection of SPD.
CHARACTERISTICS: GWT 960°C according to EN60695-2-11.
INSTALLATION: for the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.



GW 40 413

Adapters for screw terminal blocks

Code	For enclosures	Fastener to supports	Pack Carton
GW 40 413	12 M (and multiples) and 18 M (and multiples)	With screws	20

ACCESSORIES SUPPLIED: fixing screws.
CHARACTERISTICS: the adapter is pre-drilled for the correct assembly of the terminal block and pre-cut to allow installation also in enclosures with a 12 M modular step.
INSTALLATION: used to expand the number of possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF SURFACE-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CD range.

Internal horizontal dividers for CDK distribution boards

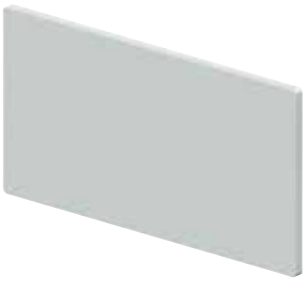


GW 40 488

Code	For boards EN 50022 rail	Fixing	Pack Carton
GW 40 487	12 Modules	Clip	10/100
GW 40 488	18 Modules	Clip	10/100

NOTES: they permit making internal separation between the circuits having different voltages located on more than one row inside the same shell.

Blank cover panels 1 module high for CDK distribution boards



GW 40 493

Code	Suitable for	For boards EN 50022 rail	Colour	Pack Carton
GW 40 492	CDK enclosures and boards decorative (Surface-mounting)	12 Modules	Grey RAL 7035	20
GW 40 493	CDK enclosures and boards decorative (Surface-mounting)	18 Modules	Grey RAL 7035	20

CHARACTERISTICS: sealing.

Miscellaneous



GW 40 421

Security triangular key

Code	For enclosures	Material	Pack Carton
GW 40 421	40 CD Watertight IP55	Insulation	10/100



GW 40 422

Cylindrical security lock - for 40 CDK and 40 CD decorative enclosures

Code	Material	Pack Carton
GW 40 422	Pressure die-cast metal	1/10

ACCESSORIES SUPPLIED: 2 keys.
NOTES: All the keys and relative locks with the same product code are identical.

GW 40 467

Plastic module cover profile

Code	No. of modules EN 50022	Colour	Pack Carton
GW 40 467	4.5	White RAL 9016	50
GW 40 423	4.5	Grey RAL 7035	50

CHARACTERISTICS: clip fixing.



GW 44 623

Insulating screw caps

Code	Description	Pack Carton
GW 44 623	Screwcap Ø25mm	10/100

APPLICATIONS: used to maintain the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.



40 CD



Scan the QR Code and find out all the technical informations.

40 CDK - WATERTIGHT ENCLOSURES AND DISTRIBUTION BOARDS



IP65 40 CDK 4 to 72M watertight enclosure range in smoked transparent door version. The main technical features are: reversible bottoms and fronts, removable windowed frames and panels, and doors that open up to 180°, are removable and can be fitted with a lock.

40 CD - DECORATIVE PROTECTED ENCLOSURES



The IP40-rated 40 CD protected decorative enclosures are available in sizes from 8 to 72M and ensure seamless aesthetic integration with any interior design scheme. Available with smoked transparent or white blank doors, feature the “PUSH” opening and closing system.

ONE-POLE AND TWO-POLE TERMINAL BLOCKS - 80 A - IP20



Available with screw wiring, the two-pole and single-pole terminal blocks enable quick wiring as the cable screws are supplied unscrewed. The terminal blocks can be fixed directly on the back plate of the enclosures or with specific adapter.

Surface-mounting enclosures and distribution boards

					40 CDe FRENCH STANDARD ENCLOSURES - IP30
				Colour: White RAL 9016	
					Door: no
					With terminal blocks
MODULES		13			GW 40 501
		26 (13x2)			GW 40 502
		39 (13x3)			GW 40 503
		52 (13x4)			GW 40 504
COMPLEMENTARY ITEMS	INSTALLATION	Kit of modular spacers		13 modules	GW 40 516
				26 modules	GW 40 517
				39 modules	GW 40 518
				52 modules	GW 40 519
		Blank door with frame - White RAL 9016 - IP40		13 modules	GW 40 531
				26 modules	GW 40 532
				39 modules	GW 40 533
				52 modules	GW 40 534
		Transparent smoked door with frame - White RAL 9016 - IP40		13 modules	GW 40 536
				26 modules	GW 40 537
				39 modules	GW 40 538
				52 modules	GW 40 539
		Black-mounting plate		13 modules	GW 40 526
				26 modules	GW 40 527
				39 modules	GW 40 528
				52 modules	GW 40 529
		Support base		13 modules (P=40mm)	GW 40 511
				13 modules (P=55mm)	GW 40 512
		White RAL 9016 door with frame - IP40		13 modules	GW 40 541
		Transparent smoked door with frame - IP40		13 modules	GW 40 542
		2 pipe fitting for vertical and horizontal coupling of enclosures		Clip	GW 40 546
		Home VDI enclosure - Grade 1 - White RAL 9016		4xRJ45 connectors + 4xTV/SAT output	GW 40 506
	WIRING	Isolated unipolar terminal blocks		3x25 + 12x4 - Green	GW 40 591
				4x25 + 24x4 - Green	GW 40 592
				1x35 + 5x25 - Black	GW 40 593
				1x35 + 5x25 - Blue	GW 40 594
	ACCESSORIES	Cylindrical security lock		-	GW 40 422

					40 CDe GERMAN STANDARD ENCLOSURES		
					Colour: Gray RAL 7035 	Colour: Gray RAL 7035 	Colour: White RAL 9016 
					IP65		IP30
					Door: smoked transparent		Door: no
					With terminal blocks	With terminal blocks and two interchangeable flanges	With terminal blocks
MODULES		4			GW 40 101 (ready for terminal blocks)	-	-
		8			GW 40 112	-	-
		12			-	GW 40 113 * GW 40 123 **	GW 43 021 S
		18			GW 40 116	-	-
		24 (12x2)			-	GW 40 114 * GW 40 124 **	GW 43 022 S
		36 (12x3)			-	GW 40 115 * GW 40 125 **	GW 43 023 S
		36 (18x2)			GW 40 117	-	-
		48 (12x4)			-	-	GW 43 024 S
		54 (18x3)			GW 40 118	-	-
		72 (18x4)			GW 40 119	-	-
COMPLEMENTARY ITEMS	INSTALLATION	Wall fixing brackets		-	4 x GW 44 621		-
		Design coupling cover for conduit entry		12-24-36(12x3) mod.	GW 40 473		-
				18-36(18x2)-54-72 mod.	GW 40 474		-
	WIRING	Internal horizontal divider		24-36(12x3) mod.	GW 40 487		-
				36(18x2)-54-72 mod.	GW 40 488		-
		Blank lid panels - 1 module height		24-36(12x3) mod.	GW 40 492		-
				36(18x2)-54-72 mod.	GW 40 493		-
	ACCESSORIES	Cylindrical security lock		4-8-12-18-24-36(18x2) mod.	1 x GW 40 422		-
				36(12x3)-54-72 mod.	2 x GW 40 422		-
		Interchangeable flange with quick-entry cable glands		-	GW 40 428		-
	INSTALLATION	Blank doors - White RAL 9016		12 mod.	-		GW 43 071 S
				24 (12x2) mod.	-		GW 43 072 S
				36 (12x3) mod.	-		GW 43 073 S
				48 (12x4) mod.	-		GW 43 074 S
		Plastic frontal - White RAL 9016		12 mod.	-		GW 43 111 S
				24 (12x2) mod.			GW 43 112 S
				36 (12x3) mod.	-		GW 43 113 S
				48 (12x4) mod.	-		GW 43 114 S
	WIRING	Bipolar terminal blocks		12 modules	-		GW 40 451
				24 modules	-		GW 40 452
				36-48 modules	-		GW 40 453
	ACCESSORIES	Security lock		-	-		GW 40 463

* 2 flanges with knockout holes
** 1 flange with knockout holes + 1 flange with quick-entry cable glands

40 CDE

Enclosures and distribution boards for country-specific standards



The range of enclosures and distribution boards for specific country standards: 40 CD French standard enclosures (IP30), also including VDI multimedia enclosures (Grade 1, Grade 2 and Grade 3); 40 CDKE German standard enclosures - IP65 watertight with flanges for quick cable insertion, and 40CDE German standard enclosures - IP40 for home use, either surface-mounted or flush-mounted in masonry or plasterboard. The range is completed by the 40 CDE Spanish standard enclosures - IP40 with smoked transparent doors.

40 CDE - SPANISH STANDARD SURFACE-MOUNTING AND FLUSH-MOUNTING ENCLOSURES

Flush-mounting enclosures with door - IP40



GW 40 336

Distribution boards to house ICP power limiting circuit breaker sealable - In=40A - Smoked transparent door

Code	No. EN 50022 mod. ICP sect.	N. EN 50022 mod. CB section	Outer dim. LxHxD (mm)	R.U. 1407-D Classifications	Pack Carton
GW 40 336	4	8	329x225x75	CCE-ICP32	10
GW 40 337	4	12	400x225x75	CCE-ICP32	6

ACCESSORIES SUPPLIED: service labels.

40 CDKE - GERMAN STANDARD SURFACE-MOUNTING ENCLOSURES AND DISTRIBUTION BOARDS

Enclosures with smoked transparent door - IP65



GW 40 112

Enclosures and distribution boards fitted with bipolar 125 A terminal blocks

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Pole 1 (mm²)	Pole 2 (mm²)	Pack Carton
GW 40 112	8	215x210x100	N (1x25) + (7x10)	E (1x25) + (7x10)	1/12
GW 40 116	18	410x285x140	N (5x25) + (14x10)	E (5x25) + (14x10)	1/3



GW 40 119

Enclosures and distribution boards fitted with bipolar 125 A terminal blocks

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Pole 1 (mm²)	Pole 2 (mm²)	Pack Carton
GW 40 117	36 (18x2)	410x463x140	N (10x25)+(28x10)	E (10x25)+(28x10)	1/2
GW 40 118	54 (18x3)	410x655x140	N (10x25)+(28x10)	E (10x25)+(28x10)	1
GW 40 119	72 (18x4)	410x878x160	N (10x25)+(28x10)	E (10x25)+(28x10)	1



GW 40 113

Distribution boards and enclosures equipped with bipolar 125 A terminal blocks and two interchangeable flanges (2 flanges with knockouts hole) - Grey RAL 7035

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Pole 1 (mm²)	Pole 2 (mm²)	Pack Carton
GW 40 113	12	298x260x140	N (3x35) + (10x10)	E (3x35) + (10x10)	6
GW 40 114	24 (12X2)	298x420x140	N (3x35) + (10x10)	E (3x35) + (10x10)	3
GW 40 115	36 (12x3)	298x570x140	N (6x35)+(20x10)	E (6x35)+(20x10)	2

CHARACTERISTICS: the flanges with knockout holes have the following inputs: 4xM16; 4xM20; 3xM25; 1xM32; Glow Wire Test: 750°C
ACCESSORIES SUPPLIED: terminal block, screwcaps and module masks for double insulation, circuit labels.
To restore the double insulation, use the relative accessories (module masks, screwcaps or wall mounting brackets).



GW 40 124

Distribution boards and enclosures equipped with bipolar 125 A terminal blocks and two interchangeable flanges (1 flange with knockouts hole + 1 flange with quick entry cable glands) - Grey RAL 7035

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Pole 1 (mm²)	Pole 2 (mm²)	Pack Carton
GW 40 123	12	298x260x140	N (3x35) + (10x10)	E (3x35) + (10x10)	6
GW 40 124	24 (12X2)	298x420x140	N (3x35) + (10x10)	E (3x35) + (10x10)	3
GW 40 125	36 (12x3)	298x570x140	N (6x35)+(20x10)	E (6x35)+(20x10)	2

CHARACTERISTICS: the flanges with knockout holes have the following inputs: 4xM16; 4xM20; 3xM25; 1xM32; Glow Wire Test: 750°C
ACCESSORIES SUPPLIED: terminal block, screwcaps and module masks for double insulation, circuit labels.
To restore the double insulation, use the relative accessories (module masks, screwcaps or wall mounting brackets).

Complementary items

Wall fixing bracket



GW 44 621

Code	Material	Accessories supplied	For enclosures For dist. boards	Pack Carton
GW 44 621	Insulation	Self-tapping fixing screws	All wall types	40/480

APPLICATIONS: used to maintain the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.
ACCESSORIES SUPPLIED: 2 fixing screws.

4.5 Modules cover



GW 40 423

Code	No. of modules EN 50022	Colour	Pack Carton
GW 40 467	4.5	White RAL 9016	50
GW 40 423	4.5	Grey RAL 7035	50

CHARACTERISTICS: clip fixing.

Insulating screw caps



GW 44 623

Code	Description	Pack Carton
GW 44 623	Screwcap Ø25mm	10/100

APPLICATIONS: used to restore the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.

Design coupling cover for conduit and trunking entry for CDK enclosures and boards



GW 40 473

Code	For encl. /boards with rail	Fixing	Pack Carton
GW 40 473	12 Modules	Clip	20
GW 40 474	18 Modules	Clip	20

CHARACTERISTICS: covers with internal knockouts for trunking from 60x30mm to 200x60mm.

Insulated screw terminal block bipolar and unipolar for enclosures and boards



GW 40 412 B

Code	Pole 1 (mm²)	Pole 2 (mm²)	Suitable for	Fastener to supports	Pack Carton
Type: Bipolar - Rated current 125 A					
GW 40 401	N (1x35) + (7x10)	E (1x35) + (7x10)	40 CDKe std. Germany	With screws	10
GW 40 402	N (3x35) + (10x10)	E (3x35) + (10x10)	40 CDKe std. Germany	With screws and/or clip	10
GW 40 404	N (5x35) + (14x10)	E (5x35) + (14x10)	-	With screws and/or clip	10
Type: Bipolar - Rated current 80 A - IP20					
GW 40 408 B	N/E (2x16) + (7x10)	N/E (2x16) + (7x10)	40 CDKe std. Germany	With screws	1/10
GW 40 412 B	N/E (3x16) + (11x10)	N/E (3x16) + (11x10)	40 CDKe std. Germany	With screws and/or clip	1/10
Type: Unipolar - Rated current 80 A - IP20					
GW 40 408 U	N/E (2x16) + (7x10)	-	40 CDKe std. Germany	With screws	1/10
GW 40 412 U	N/E (3x16) + (11x10)	-	40 CDKe std. Germany	With screws and/or clip	1/10
GW 40 422 U	N/E (3x16) + (29x10)	-	40 CDKe std. Germany	With screws and/or clip	1/10

ACCESSORIES SUPPLIED: fixing screws. The 80 A terminal blocks are equipped with N and E labels to be placed on the respective spaces to identify the poles.
CHARACTERISTICS: GWT 960°C according to EN60695-2-11.
INSTALLATION: The GW40401, GW40408B and GW40408U terminal blocks can be installed on the Germany standard 40CDKe enclosures using the GW40413 adapter.

Adapter for screw terminal blocks

Code	Suitable for	Fastener to supports	Pack Carton
GW 40 413	40 CDKe std. Germany	With screws	20

ACCESSORIES SUPPLIED: fixing screws.
CHARACTERISTICS: the adapter is pre-drilled for the correct assembly of the terminal block and pre-cut to allow installation also on enclosures with a 12 M modular step.
INSTALLATION: permits the installation of GW40401, GW40408B and GW40408U terminal blocks on Germany standard 40CDKe enclosures.



GW 40 413

Internal horizontal divider for CDK boards

Code	For boards EN 50022 rail	Fixing	Pack Carton
GW 40 487	12 Modules	Clip	10/100
GW 40 488	18 Modules	Clip	10/100

CHARACTERISTICS: sealing.



GW 40 487

Blank lid panels - 1 module height for CDKe boards

Code	Suitable for	For boards EN 50022 rail	Colour	Pack Carton
GW 40 492	CDK enclosures and boards decorative (Surface-mounting)	12 Modules	Grey RAL 7035	20
GW 40 493	CDK enclosures and boards decorative (Surface-mounting)	18 Modules	Grey RAL 7035	20

NOTES: for creating internal separation between circuits of differing voltages on several rows within a single casing.



GW 40 492

Cylindrical security lock - for 40 CDKe enclosures

Code	Material	Pack Carton
GW 40 421	Insulation	10/100
GW 40 422	Pressure die-cast metal	1/10

ACCESSORIES SUPPLIED: 2 keys.
NOTES: All the keys and relative locks with the same product code are identical.



GW 40 422

Interchangeable flange with quick-entry cable glands

Code	Entries for flanged	Pack Carton
GW 40 428	1 for cables Ø 16-29 mm 4 for cables Ø 11-20 m 8 f	1/20



GW 40 428

40 CDE - GERMAN STANDARD SURFACE-MOUNTING ENCLOSURES AND DISTRIBUTION BOARDS

40 CDe IP30 with terminal block



GW 43 022 S

Surface-mounting small distribution boards - White RAL 9016

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Pack Carton
GW 43 021 S	12	300x245x95	1
GW 43 022 S	24 (12X2)	300x370x95	1
GW 43 023 S	36 (12x3)	300x515x95	1
GW 43 024 S	48 (12x4)	300x640x95	1

Complementary items



GW 43 071 S

Blank doors for surface-mounting small distribution boards - White RAL 9016

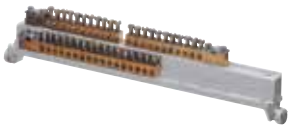
Code	No. of modules EN 50022	Colour	Pack Carton
GW 43 071 S	12	White RAL 9016	1/4
GW 43 072 S	24 (12X2)	White RAL 9016	1/6
GW 43 073 S	36 (12x3)	White RAL 9016	1/2
GW 43 074 S	48 (12x4)	White RAL 9016	1/2



GW 43 112 S

Plastic frontal for surface-mounting small distribution boards

Code	No. of modules EN 50022	Pack Carton
GW 43 111 S	12	1
GW 43 112 S	24 (12X2)	1
GW 43 113 S	36 (12x3)	1
GW 43 114 S	48 (12x4)	1



GW 40 451

Bipolar terminal blocks with support for german standard surface-mounting small distribution boards

Code	Pole 1 (mm²)	Pole 2 (mm²)	For enclosures	Pack Carton
GW 40 451	N (1x25)+(3x16)+(14x10)	E (1x25)+(3x16)+(14x10)	12 modules	20
GW 40 452	N (2x25)+(6x16)+(16x10)	E (1x25)+(3x16)+(14x10)	24 modules	20
GW 40 453	N (2x25)+(6x16)+(22x10)	E (1x25)+(5x16)+(22x10)	36-48 modules	20

CHARACTERISTICS: clip fixing.



GW 43 042 S

Sealable closure

Code	Suitable for	Pack Carton
GW 43 042 S	Wall mounting	2/20



GW 40 463

Security lock

Code	For enclosures	Pack Carton
GW 40 463	40 CDE German standard surface-mounting	1/10

ACCESSORIES SUPPLIED: 2 keys.

NOTES: All the keys and relative locks with the same product code are identical.

4.5 Modules cover - Colour white

GW 40 467

Code	No. of modules EN 50022	Colour	Pack Carton
GW 40 467	4.5	White RAL 9016	50

CHARACTERISTICS: clip fixing.

Circuit lettering strips



GW 43 122 S

Code	Dimensions (mm)	Pack Carton
GW 43 122 S	265x120	1/10

Circuit lettering strips



GW 43 044 S

Code	Dimensions (mm)	Pack Carton
GW 43 044 S	350x165	10/100

Enclosure door lock closing shutter



GW 43 052 S

Code	Description	Pack Carton
GW 43 052 S	Lock seat shutter	1/10

Screw for enclosure front



GW 43 040 S

Code	Description	Pack Carton
GW 43 040 S	Screws for enclosure front	100

40 CDE - GERMAN STANDARD FLUSH-MOUNTING DISTRIBUTION BOARDS

Metal door distribution boards - IP40



GW 40 153 N

Distribution boards for brick walls equipped with bipolar terminal blocks - RAL 9016

Code	No. of modules EN 50022	Pole 1 (mm²)	Pole 2 (mm²)	Dispersible power (W)	Pack Carton
GW 40 151 N	12+2	N (2x16)+(8x10)	PE (2x16)+(8x10)	60	1
GW 40 152 N	24+4 (12x2)	N (2x16)+(14x10)	PE (2x16)+(14x10)	80	1
GW 40 153 N	36+6 (12x3)	N 2x[(2x16)+(14x10)]	PE 2x[(2x16)+(14x10)]	90	1
GW 40 154 N	48+8 (12x4)	N 2x[(2x16)+(14x10)]	PE 2x[(2x16)+(14x10)]	100	1
GW 40 155 N	60+10 (12x5)	N 2x[(2x16)+(14x10)]	PE 2x[(2x16)+(14x10)]	120	1

Accessories supplied: positioning brackets, mortar guard, certification label, modules cover, terminal blocks.
Notes: extractable frame already installed.



GW 40 161 N

Distribution boards for plasterboard (GWT 850 °C) walls equipped with bipolar terminal blocks - RAL 9016

Code	No. of modules EN 50022	Pole 1 (mm²)	Pole 2 (mm²)	Dispersible power (W)	Pack Carton
GW 40 161 N	12+2	N (2x16)+(8x10)	PE (2x16)+(8x10)	60	1
GW 40 162 N	24+4 (12x2)	N (2x16)+(14x10)	PE (2x16)+(14x10)	80	1
GW 40 163 N	36+6 (12x3)	N 2x[(2x16)+(14x10)]	PE 2x[(2x16)+(14x10)]	90	1
GW 40 164 N	48+8 (12x4)	N 2x[(2x16)+(14x10)]	PE 2x[(2x16)+(14x10)]	100	1
GW 40 165 N	60+10 (12x5)	N 2x[(2x16)+(14x10)]	PE 2x[(2x16)+(14x10)]	120	1

Accessories supplied: installation brackets, plaster guard, certification label, modules cover, terminal blocks.
Notes: extractable frame already installed.

Metal door multimedia enclosure - IP40



GW 40 173 N

Multimedia enclosures for brick walls - RAL 9016

Code	No. line	Pack Carton
GW 40 173 N	3	1
GW 40 174 N	4	1

Accessories supplied: positioning brackets, mortar guard, 1x multimedia device bracket, 2x Schuko socket, 2x supports, 1x Dahlia plate
Notes: perforated mounting plates and patch panel already installed.



GW 40 178 N

Multimedia enclosures for plasterboard (GWT 850 °C) walls - RAL 9016

Code	No. line	Pack Carton
GW 40 178 N	3	1
GW 40 179 N	4	1

Accessories supplied: installation brackets, plaster guard, 1x multimedia device bracket, 2x Schuko socket, 2x supports, 1x Dahlia plate
Notes: perforated mounting plates and patch panel already installed.

Complementary items

Terminal blocks



GW 40 454 N

Code	Description	Pack Carton
GW 40 454 N	N+PE terminal block (2x16 mm² + 14x10 mm²)	1
GW 40 455 N	Terminal block N (7x16mm²)	1

Accessories

GW 40 467

Code	Description	Pack Carton
GW 40 461 N	Pair of brackets for horizontal coupling	1
GW 40 463 N	Safety lock for German standard flush-mounting enclosures	1
GW 40 467	Plastic module cover profile	50

40 CDE - FRENCH STANDARD MODULAR SURFACE-MOUNTING ENCLOSURES

Enclosures without door - IP30



GW 40 501

Enclosures equipped with multipolar terminal blocks - walls with knockout elements - White RAL 9016

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Phase terminal block (mm²)	Neutral terminal block (mm²)	Earth terminal block (mm²)	Pack Carton
GW 40 501	13	250x225x93.5	-	-	E(3x25)+(12x4)	8
GW 40 502	26 (13x2)	250x350x93.5	L(1x35)+(5x25)	N(1x35)+(5x25)	E(4x25)+(24x4)	4
GW 40 503	39 (13x3)	250x475x93.5	L(1x35)+(5x25)	N(1x35)+(5x25)	E(7x25)+(36x4)	4
GW 40 504	52 (13x4)	250x600x93.5	L(1x35)+(5x25)	N(1x35)+(5x25)	E(8x25)+(48x4)	2

ACCESSORIES SUPPLIED: terminal blocks, module masks, circuit labels with self-adhesive pictograms, instruction sheet.
NOTES: earth terminal blocks with Push-Wire technology.
To restore the double insulation, use the relative accessories (module masks and screwcaps)

Support bases for TARIF BLEU connecting switch



GW 40 512

Support bases without door for EDF connection switch - plumbable White RAL 9016

Code	Depth	Outer dim. LxHxD (mm)	Pack Carton
GW 40 511	40 mm	250x225x43.5	4
GW 40 512	55 mm	250x225x58.5	3

ACCESSORIES SUPPLIED: fixing screws for the circuit breaker, screwcaps for sealing.

Home VDI enclosure - Grade 1



GW 40 506

Home VDI enclosure grade 1 with 4 connectors RJ 45 and 4 TV-SAT outputs - White RAL 9016

Code	Outer dim. LxHxD (mm)	Pack Carton
GW 40 506	250x225x112	4

APPLICATIONS: allows to distribute Voice (telephone), Data (Internet) and Image (television) signals in every room of the house.
Complete and pre-equipped enclosure fitted with:
1 DTI RJ45 connection box with RC module integrated.
1 xDSL filter 4 outputs for phone et 1 output for modem.
1 TV-SAT splitter 5-2500 MHz 4 outputs.
1 Patch panel with 8 seats RJ45 "Keystone".
4 Connectors RJ45 Cat.5e UTP wiring without tool.
1 Kit of cords RJ45 for connection.
1 Earth terminal block.
1 Free space 100mm on DIN rail for the optical fiber DTI.
NOTES: complies with the minimum equipment required by the French standard NF C 15-100 and guide UTE C 90-483.



Accessories for expansion and wiring

Code	Description	Pack Carton
GW 40 596	Expansion kit with 2 RJ45 connectors cat. 5e	1/10
GW 40 597	Quadruple RJ45 cord	1/10

GW40596 is composed with:
2 Connectors RJ45 Cat.5e UTP wiring without tool:
1 Patch cord RJ45 - L = 30 cm.
NOTES: GW40597 cord RJ45 1 input/ 4 outputs RJ45 for delivering the phone on 4 connectors from only one input.

Complementary items



GW 40 516

Kit of modular spacers for subscriber enclosures, bases, containers and boards 50mm thick - Clip assembly - White RAL 9016

Code	Outer dim. LxHxD (mm)	Pack Carton
GW 40 516	250x225x50	8
GW 40 517	250x350x50	4
GW 40 518	250x475x50	4
GW 40 519	250x600x50	2

NOTE: code GW40516 is also suitable for the support bases and containers for services via cable (T.R.I.)



GW 40 546

2 pipe fittings for vertical and horizontal coupling of enclosures, bases and spacers

Code	Fixing type	Pack Carton
GW 40 546	Clip	20

APPLICATIONS: for creating combined compositions and subscriber boards.

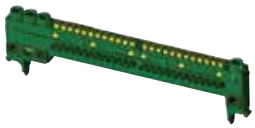


GW 40 526

Back-mounting plates in insulating material for surface-mounting enclosures and spacer kit - Slide fixing on rail

Code	Outer dim. LxHxD (mm)	For enclosures	Pack Carton
GW 40 526	156x216x2	13 mod.- 1 row	8
GW 40 527	156x341x2	26 mod.- 2 rows	4
GW 40 528	156x466x2	39 mod.- 3 rows	4
GW 40 529	156x591x2	52 mod.- 4 rows	2

Isolated unipolar terminal blocks IP20 for French standard modular enclosures



GW 40 591

Code	Type	Cap colour	Connections no. x section (mm²)	Type of connection	For enclosures	Pack Carton
GW 40 591	Earth	Green	(3x25)+(12x4)	Push-Wire	13M-39M	20
GW 40 592	Earth	Green	(4x25)+(24x4)	Push-Wire	26M-39M-52M	20
GW 40 593	Phase	Black	(1x35)+(5x25)	With screw	26M-39M-52M	20
GW 40 594	Neutral	Blue	(1x35)+(5x25)	With screw	26M-39M-52M	20

CHARACTERISTICS: Terminal blocks for phase and neutral with In=100 A and Vn=450V.

Blank door with frame for finishing French Standard modular enclosures without door - White RAL 9016 - IP40



GW 40 531

Code	For enclosures	Pack Carton
GW 40 531	13 mod.- 1 row	8
GW 40 532	26 mod.- 2 rows	4
GW 40 533	39 mod.- 3 rows	4
GW 40 534	52 mod.- 4 rows	2

CHARACTERISTICS: pre-arranged for housing the GW40422 cylinder security locks

Transparent smoked door with frame for finishing French Standard modular enclosures without door - White RAL 9016 - IP40



GW 40 536

Code	For enclosures	Pack Carton
GW 40 536	13 mod.- 1 row	8
GW 40 537	26 mod.- 2 rows	4
GW 40 538	39 mod.- 3 rows	4
GW 40 539	52 mod.- 4 rows	2

CHARACTERISTICS: pre-arranged for housing the GW40422 cylinder security locks

Door with frame for finishing support bases - Clip fixing - White RAL 9016 - IP40



GW 40 542

Code	Outer dim. LxHxD (mm)	Door colour	Pack Carton
GW 40 541	250x225	White RAL 9016	4
GW 40 542	250x225	Smoked Transparent	4

CHARACTERISTICS: pre-arranged for housing the GW40422 cylinder security locks.

Cylindrical security lock - for 40 CDe (French standard) enclosures

Code	Material	Pack Carton
GW 40 422	Pressure die-cast metal	1/10

ACCESSORIES SUPPLIED: 2 keys.
NOTES: All the keys and relative locks with the same product code are identical.



GW 40 422

Screwcaps in insulating material

Code	Description	For enclosures	Pack Carton
GW 44 622	Screwcap Ø16mm	GW42201	10/100

APPLICATIONS: used to maintain the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.



GW 44 622

Plastic module cover profile

Code	No. of modules EN 50022	Colour	Pack Carton
GW 40 467	4.5	White RAL 9016	50

CHARACTERISTICS: clip fixing.

GW 40 467



40 CDE



Scan the QR Code and find out all the technical informations.

FRENCH STANDARD ENCLOSURES



Surface-mounting enclosures equipped with phase, neutral and earth terminal blocks, with an IP20 rating in accordance with French regulations. Earth terminal blocks with Push-Wire clamping. VDI enclosures complete the offer for the distribution of TV, internet and telephony signals.

GERMAN STANDARD ENCLOSURES



IP65-rated surface-mounting enclosures with top or bottom cable-entry flanges. IP30 surface- and IP40 flush-mounting versions with metal frame and door for masonry and plasterboard. Also available flush-mounting multimedia enclosures.

SPANISH STANDARD ENCLOSURES



Flush-mounted versions with smoked door and IP40 rating. The enclosures are designed to accommodate the ICP power limiter.

47 CVX 160 E

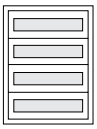
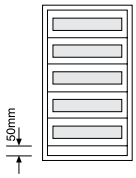
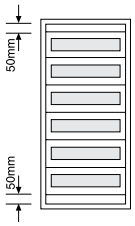
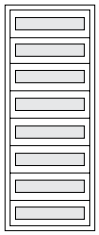
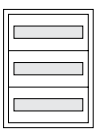
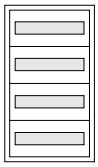
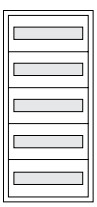
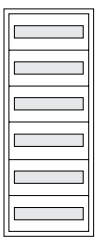
CVX 160 E distribution boards

CVX 160 E STRUCTURES

GENERAL CHARACTERISTICS In: up to 160 A Capacity: 24 modules per row Installation: indoor environments Colour: RAL 7035 grey		STRUCTURES			
FUNCTIONAL DIM. (LxH)		600x600 mm	600x800 mm	600x1000 mm	600x1200 mm
IP 30	**Without door** 	GW 47 001 E	GW 47 002 E	GW 47 003 E	GW 47 004 E
IP 40	**Glass door** 	GW 47 011 E	GW 47 012 E	GW 47 013 E	GW 47 014 E
	Solid door 	GW 47 021 E	GW 47 022 E	GW 47 023 E	GW 47 024 E
IP 55	**Glass door** 	GW 47 031 E	GW 47 032 E	GW 47 033 E	GW 47 034 E
	Solid door 	GW 47 041 E	GW 47 042 E	GW 47 043 E	GW 47 044 E
IP 65	**Solid door** 	-	GW 47 062 E	GW 47 063 E	GW 47 064 E

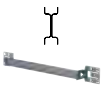
NOTE: the codes do not include DIN rail and front panels.

EXAMPLES OF BOARD CONFIGURATIONS

NO.ROWS / NO.MODULES MAX	**Pitch 150 mm**	 4 rows - 96 modules*	 5 rows - 120 modules*	 6 rows - 144 modules*	 8 rows - 192 modules*
	Pitch 200 mm	 3 rows - 72 modules*	 4 rows - 96 modules*	 5 rows - 120 modules*	 6 rows - 144 modules*

* EN 50022 modules (17.5 mm)

CVX 160 E DISTRIBUTION BOARD CONFIGURATION

Front panel height (mm)	KIT FOR INSTALLATION OF DEVICE ON DIN RAIL AND FRONT PANELS				DIN RAIL KIT			MOULDED CASE INSTALLATION KIT
	Window panels with EN 50022 rail	Window panels	Solid panels	Pairs of hinges	EN 50022 rail	Double EN 50022 rail (aluminium)	Double EN 50022 rail (aluminium)	For moulded case circuit breakers
								
50	-	-	GW 47 173	-	-	-	-	-
150	GW 47 171	GW 47 178	GW 47 174	GW 47 191	GW 47 181	GW 47 183	GW 47 182	GW 47 297 (MSX/M 160c)
200	GW 47 172	GW 47 179	GW 47 175					GW 47 298 (MSX/D 125)
								GW 47 299 (MSX/D 160)

COMPLEMENTARY ITEMS

Earth bar	Wiring trunking supports	Caged nuts	Cable gland plate	Module mask	Document pocket	Security lock with key	Earth terminal blocks
							
GW 47 193	GW 47 194 E	GW 47 195	GW 47 198 (Higher - Lower)	GW 47 291	GW 46 447	GW 47 192*	GW 45 538

*Not suitable for boards with IP65 protection degree

SPARE DOORS

Board functional height (mm)	IP 40		IP 55		IP 65
	Glass door	Solid door	Glass door	Solid door	Solid door
					
600	GW 47 116	GW 47 121	GW 47 136	GW 47 141	-
800	GW 47 117	GW 47 122	GW 47 137	GW 47 142	GW 47 162
1000	GW 47 118	GW 47 123	GW 47 138	GW 47 143	GW 47 163
1200	GW 47 119	GW 47 124	GW 47 139	GW 47 144	GW 47 164

47 CVX 160 E

Wall-mounting distribution boards up to 160 A with extractable frame



The CVX 160 E range of surface-mounted distribution boards up to 160A can be configured according to any requirement, from a minimum capacity of 72 modules up to a maximum of 192, using the appropriate choice of installation kits with holes every 150 mm or 200 mm.

STRUCTURES

IP30 distribution boards



GW 47 001 E

Monobloc distribution boards in painted sheet steel - Colour grey RAL 7035 - Without door - With extractable frame

Code	Functional dim. LxHxD (mm)	Outer dim. LxHxD (mm)	Pack Carton
GW 47 001 E	600x600x140	700x700x140	1
GW 47 002 E	600x800x140	700x900x140	1
GW 47 003 E	600x1000x140	700x1100x140	1
GW 47 004 E	600x1200x140	700x1300x140	1

ACCESSORIES SUPPLIED: 4pcs brackets complete with screws for wall fixing, 2pcs cable gland plates (upper and lower) complete with fixing screws.
NOTES: IP30 distribution boards cannot be fitted with glass or solid doors.

IP40 distribution boards



GW 47 011 E

Monobloc distribution boards in painted sheet steel - Colour grey RAL 7035 - Smoked flat tempered safety glass door equipped with 2 locks - With extractable frame

Code	Functional dim. LxHxD (mm)	Outer dim. LxHxD (mm)	Pack Carton
GW 47 011 E	600x600x180	700x700x180	1
GW 47 012 E	600x800x180	700x900x180	1
GW 47 013 E	600x1000x180	700x1100x180	1
GW 47 014 E	600x1200x180	700x1300x180	1

ACCESSORIES SUPPLIED: 4 brackets complete with screws for wall mounting. 2 cable gland plates (upper and lower) complete with fixing screws. 2 double-fin keys.



GW 47 021 E

Monobloc distribution boards in painted sheet steel - Colour grey RAL 7035 - Solid sheet metal door equipped with 2 locks - With extractable frame

Code	Functional dim. LxHxD (mm)	Outer dim. LxHxD (mm)	Pack Carton
GW 47 021 E	600x600x170	700x700x170	1
GW 47 022 E	600x800x170	700x900x170	1
GW 47 023 E	600x1000x170	700x1100x170	1
GW 47 024 E	600x1200x170	700x1300x170	1

ACCESSORIES SUPPLIED: 4 brackets complete with screws for wall mounting. 2 cable gland plates (upper and lower) complete with fixing screws. 2 double-fin keys.

IP55 distribution boards



GW 47 031 E

Monobloc distribution boards in painted sheet steel - Colour grey RAL 7035 Smoked flat tempered safety glass door equipped with 2 locks - With extractable frame

Code	Functional dim. LxHxD (mm)	Outer dim. LxHxD (mm)	Pack Carton
GW 47 031 E	600x600x180	700x700x180	1
GW 47 032 E	600x800x180	700x900x180	1
GW 47 033 E	600x1000x180	700x1100x180	1
GW 47 034 E	600x1200x180	700x1300x180	1

ACCESSORIES SUPPLIED: 4 brackets complete with screws for wall mounting. 2 cable gland plates (upper and lower) complete with fixing screws. 2 double-fin keys.
CHARACTERISTICS: sealing gaskets applied on the door and the cable gland plates.



GW 47 041 E

Monobloc distribution boards in painted sheet steel - Colour grey RAL 7035 - Solid sheet metal door equipped with 2 locks - With extractable frame

Code	Functional dim. LxHxD (mm)	Outer dim. LxHxD (mm)	Pack Carton
GW 47 041 E	600x600x170	700x700x170	1
GW 47 042 E	600x800x170	700x900x170	1
GW 47 043 E	600x1000x170	700x1100x170	1
GW 47 044 E	600x1200x170	700x1300x170	1

ACCESSORIES SUPPLIED: 4 brackets complete with screws for wall mounting. 2 cable gland plates (upper and lower) complete with fixing screws. 2 double-fin keys.
CHARACTERISTICS: sealing gaskets applied on the door and the cable gland plates.

IP65 distribution boards



GW 47 064 E

Monobloc distribution boards in painted sheet steel - Colour Grey RAL 7035 - Solid sheet metal door equipped with rod-mechanism lock - With extractable frame

Code	Functional dim. LxHxD (mm)	Outer dim. LxHxD (mm)	Pack Carton
GW 47 062 E	600x800x170	700x900x170	1
GW 47 063 E	600x1000x170	700x1100x170	1
GW 47 064 E	600x1200x170	700x1300x170	1

ACCESSORIES SUPPLIED: 4 brackets complete with screws for wall mounting. Key in zama.
CHARACTERISTICS: sealing gaskets applied on the door. Single lock with rod-mechanism lock with 4 mounting pins.

47 CVX 160 E

FRONT CONFIGURATION

Installation kit for devices on DIN rail



GW 47 172

Installation kit for modular devices (90 range) and moulded case devices up to 160 A (MSX/M 160c, MSX/D 125, MSX/D 160 range) - Complete with front panels with windows and standard DIN rail EN 50022 (DIN 35)

Code	Dimensions LxH (mm)	Section dim. HxD (mm)	Pack Carton
Modules: 24			
GW 47 171	600x150	35x15	1/10
GW 47 172	600x200	35x15	1/8

ACCESSORIES SUPPLIED: blanking module profile; pair of hinges; Standard EN 50022 (DIN 35) DIN rail in galvanised sheet metal with depth adjustment.
CHARACTERISTICS: quick coupling front panel, in Grey RAL 7035 insulating material, with ergonomic Blue RAL 5003 grip. Option on the panels for rotation hinges (included).
NOTES: for the assembly of the MSX moulded case circuit breakers on DIN rail, order the appropriate fixingl kit.
Depth adapter GWD3317 is necessary if modular devices are mounted close to MCCB on the same DIN rail.

Installation kit for fixed MCCB's on plate



GW 47 297

Installation kit for a boxed RCD up to 160A (MSX/M 160c, MSX/D 125, MSX/D 160 series) complete with drilled front panels and attachment plates

Code	Dimensions LxH (mm)	For MCCB	No. of poles	Installation	Pack Carton
Modules: 24					
GW 47 297	600x200	MSX/M160c	3P - 4P	Horizontal	1/5
GW 47 298	600x200	MSX/D125	3P - 4P	Horizontal	1/5
GW 47 299	600x200	MSX/D160	3P - 4P	Horizontal	1/5

COMPONENTS: The kit consists of 1 galvanised steel plate, 1 plastic front panel with 1 pair of hinges and attachment accessories.
CHARACTERISTICS: RAL 7035 Grey front panel, in quick-coupling insulating material with ergonomic RAL 5003 Blue handle.

Front panels



GW 47 179

Front panels with window for modular devices

Code	Dimensions LxH (mm)	Pack Carton
Modules: 24		
GW 47 178	600x150	1/10
GW 47 179	600x200	1/10

ACCESSORIES SUPPLIED: blanking module profile. Pair of hinges.
CHARACTERISTICS: quick coupling front panel, in Grey RAL 7035 insulating material, with ergonomic Blue RAL 5003 grip; prearrangement of the panels for rotation hinges (included).



GW 47 175

Blank front panels

Code	Dimensions LxH (mm)	Pack Carton
Modules: 24		
GW 47 173	600x50	1/10
GW 47 174	600x150	1/10
GW 47 175	600x200	1/10

ACCESSORIES SUPPLIED: pair of hinges.
CHARACTERISTICS: quick coupling front panel, in Grey RAL 7035 insulating material, with ergonomic Blue RAL 5003 grip. Prearrangement of the panels, except GW47173, for rotation hinges (included)

INTERNAL CONFIGURATION

DIN rail kit



GW 47 181

DIN rails for modular devices (90 range) and moulded case circuit breakers up to 160 A (MSX/M 160c, MSX/D 125, MSX/D 160 range) - Complete with brackets and supports for assembly

Code	Section dim. HxD (mm)	Profile	Material	Pack Carton
Modules: 24				
GW 47 181	35x15	EN 50022 (DIN 35)	Galvanized metal	1/10
GW 47 183	2x(35x7.5)	Double EN 50022 (DIN 35)	Aluminium	1/10
GW 47 182	32x15	EN 50035 (G 32)	Galvanized metal	1/10

NOTES: To mount the MSX moulded case circuit breakers, order the appropriate DIN rail mounting kit.
Stacking of modular and moulded case devices requires the depth adapter GWD3317.

Back-mounting plates



GW 47 186

Back-mounting plates for non-modular devices complete with mounting supports

Code	Dimensions LxH (mm)	No. mounting straps	Pack Carton
Modules: 24			
GW 47 186	600x200	2	1/5
GW 47 187	600x400	4	1/5

ACCESSORIES SUPPLIED: support brackets and relative fixing accessories.
CHARACTERISTICS: possibility to adjust the depth of the plate; hot galvanised sheet metal plate 15/10 mm thick.

47 CVX 160 E

COMPLEMENTARY ITEMS

Accessories



GW 47 191

Pair of hinges for front panels

Code	Fixing type	Opening angle	Suitable for	Pack Carton
GW 47 191	Clip	90°	For panels H higher than 50 mm	1/20

ACCESSORIES SUPPLIED: 1 panel closing cap.

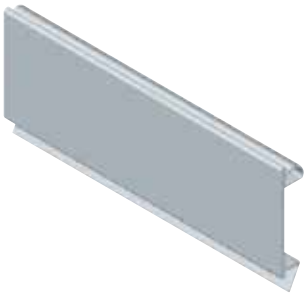


GW 47 194 E

Pair of supports for the fixing of wiring trunking

Code	Fixing type	Quantity	Pack Carton
GW 47 194 E	Clip on functional profile	2 pieces	1/20

APPLICATIONS: assembly of wiring trunking up to 60 mm in width vertically and up to 40 mm horizontally.

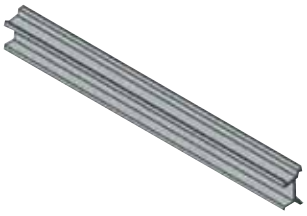


GW 47 291

Blanking module profile in plastic material - Colour grey RAL 7035

Code	No. of modules EN 50022	Pack Carton
GW 47 291	24	10

CHARACTERISTICS: clip fixing on DIN perforated front panels.



GW D3 317

Depth adapter

Code	Length (mm)	Pack Carton
GW D3 317	600	1

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).

Perforated and threaded earth busbar

Code	Dimensions LxHxD (mm)	N./diam. of threaded holes	Step drilling	For distribution boards	Pack Carton
GW 47 193	575x20x5	24xM6	18 mm	Flush and surface mounting	1/5

ACCESSORIES SUPPLIED: fixing accessories. (2 screws and 2 nuts in cage M6) 24 tin-plated screws M6.



GW 47 193

Earth terminal blocks

Code	N. terminal and section (mm²)	Pack Carton
GW 45 538	2x(1x35+11x16+13x10)	1

CHARACTERISTICS: copper bar with a 20 x 5 section and 6.5 mm hole spacing.



GW 45 538

Adhesive document pocket

Code	Dimensions LxH (mm)	Pack Carton
GW 46 447	230x310	1/10



GW 46 447

47 CVX 160 E



GW 47 192

Security lock

Code	Characteristics	Pack Carton
GW 47 192	Yale type	1/10

NOTE: the lock is supplied with identical keys.
It's not suited for IP65 version.



GW 47 195

Nut in cage

Code	Characteristics	Pack Carton
GW 47 195	Galvanised steel	10/100

APPLICATIONS: it is suitable for mounting wiring trunking and accessories on functional profile.

Spare parts

Tempered smoked-glass flat safety doors for IP40 enclosures



GW 47 116

Code	For boards LxH (mm)	Pack Carton
GW 47 116	600x600	1
GW 47 117	600x800	1
GW 47 118	600x1000	1
GW 47 119	600x1200	1

ACCESSORIES SUPPLIED: 2 mounting pins. 2 double-fin keys.

Solid doors in painted sheet metal for IP40 distribution boards



GW 47 121

Code	For boards LxH (mm)	Pack Carton
GW 47 121	600x600	1
GW 47 122	600x800	1
GW 47 123	600x1000	1
GW 47 124	600x1200	1

ACCESSORIES SUPPLIED: 2 mounting pins, 2 double-fin keys.

Tempered smoked-glass flat safety doors for IP55 enclosures



GW 47 136

Code	For boards LxH (mm)	Pack Carton
GW 47 136	600x600	1
GW 47 137	600x800	1
GW 47 138	600x1000	1
GW 47 139	600x1200	1

ACCESSORIES SUPPLIED: 2 mounting pins. 2 double-fin keys.

Solid doors in painted sheet metal for IP55 distribution boards



GW 47 141

Code	For boards LxH (mm)	Pack Carton
GW 47 141	600x600	1
GW 47 142	600x800	1
GW 47 143	600x1000	1
GW 47 144	600x1200	1

ACCESSORIES SUPPLIED: 2 mounting pins, 2 double-fin keys.

47 CVX 160 E



GW 47 164

Solid doors in painted sheet steel for IP65 distribution boards equipped with rod-mechanism closures

Code	For boards LxH (mm)	Pack Carton
GW 47 162	600x800	1
GW 47 163	600x1000	1
GW 47 164	600x1200	1

ACCESSORIES SUPPLIED: 4 mounting pins. Key in zama.



GW 47 198

Cable gland plate - Colour Blue RAL 5003

Code	Description	No. of pieces	Material	Pack Carton
GW 47 198	Top/Bottom plate	1	Plastic	1/10



47 CVX 160 E



Scan the QR Code and find out all the technical informations.

SCREW AND TOOL-FREE MOUNTING



The rail brackets have been designed for screw-free fitting thanks to coupling on functional profiles. In addition, the innovative support allows the rails to be attached to the brackets and adjusted in depth without the use of screws and tools.

FAST FIXING OF INSULATION PANELS



The plastic front panels allow quick fitting via two ¼ turn inserts and require no grounding. A kit is included throughout the range to enable the panels to be hinged.

FACILITATED WIRING



The removable frame makes it easier to connect the switches, allowing convenient bench wiring first and then installation in the finished circuit box.