

40 CD range

Surface-mounting distribution boards and enclosures

Four families capable of offering various solutions in industrial, commercial and domestic sectors.

- High modularity: from 2 to 72 modules.
- Wide performance range: from IP40 to IP65.
- Extractable frame versions.
- Halogen-free material versions.












IMQ quality mark products.



40 CD RANGE

SURFACE-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

40 CD RANGE

		SURFACE-MOUNTING ENCLOSURES										
		40 CDK SURFACE-MOUNTING MODULAR WATERTIGHT ENCLOSURES AND BOARDS IP65		40 CD SURFACE-MOUNTING WATERTIGHT ENCLOSURES IP55		40 CD PROTECTED SURFACE-MOUNTING DECORATIVE ENCLOSURES IP40		40 CD PROTECTED SURFACE-MOUNTING ENCLOSURES IP40				
		Colour: RAL 7035 Grey Door: smoked transparent Doors: smooth 	Colour: RAL 7035 Grey Door: smoked transparent Doors: with perforation centres 	Colour: RAL 9016 White Door: smoked transparent Doors: smooth 	Colour: RAL 7035 Grey Door: no Doors: with perforation centres 							
MODULES	2	-	-	-	-	-	-	-	GW 40 022			
	4	GW 40 101	-	GW 40 001	-	-	-	-	GW 40 023			
	6	-	-	-	-	-	-	-	GW 40 024			
	8	GW 40 102	-	GW 40 003	-	GW 40 043	-	-	GW 40 026			
	12	GW 40 103	-	GW 40 005	-	GW 40 045	-	-	GW 40 028			
	with terminal block	-	-	GW 40 004	-	GW 40 044	-	-	GW 40 027			
	18	GW 40 106	-	-	-	-	-	-	-			
	24	GW 40 104	-	GW 40 007	-	GW 40 047	-	-	GW 40 030			
	(12x2) with terminal block	-	-	GW 40 006	-	GW 40 046	-	-	GW 40 029			
	36	GW 40 105	-	-	-	-	-	-	GW 40 032			
	(12x3) with terminal block	-	-	-	-	-	-	-	GW 40 031			
36	GW 40 107	-	GW 40 009	-	GW 40 049	-	-	-				
(18x2) with terminal block	-	-	GW 40 008	-	GW 40 048	-	-	-				
54	GW 40 108	-	-	-	GW 40 051	-	-	-				
(18x3)	-	-	-	-	-	-	-	-				
72	GW 40 109	-	-	-	GW 40 053	-	-	-				
(18x4)	-	-	-	-	-	-	-	-				
COMPLEMENTARY ITEMS	INSTALLATION	Surface-mounting fixing brackets for enclosures and boards 	4 x GW 44 621		4 x GW 44 621		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	Insulated neutral and earth terminal blocks (*) 	Modules	Code	Modules	Code	Modules	Code	Modules	Code		
			8	GW 40 401	8-24	GW 40 401	8-24	GW 40 401	8-24	GW 40 401		
			12-24-36(12x3)	GW 40 402	12-36	GW 40 402	12-36-54-72	GW 40 402	12-36	GW 40 402		
		18-36(18x2)-54-72	GW 40 404									
		Internal horizontal dividers 	Modules	Code								
			24-36(12x3)	GW 40 487								
		36(18x2)-54-72	GW 40 488									
		1-module high blank cover panels 	Modules	Code								
			24-36(12x3)	GW 40 492								
	36(18x2)-54-72	GW 40 493										
	MISCELLANEOUS	Cylindrical safety lock 	Modules	Code			Modules	Code				
4-8-12-24-36(18x2)			1 x GW 40 422			8-12-18-24-36-54	1 x GW 40 422					
36(12x3)-54-72		2 x GW 40 422			72	2 x GW 40 422						
Triangular key 	-	-	1 x GW 40 421		-	-						

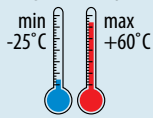
(*) For the number of terminal blocks that can be installed in each enclosure, refer to the relative pages of the catalogue.

40 CD RANGE

SURFACE-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

40 CDK - MODULAR WATERTIGHT ENCLOSURES AND DISTRIBUTION BOARDS - IP65

INSTALLATION



10 J



EN 62262

IP65



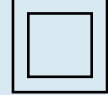
EN 60529

GWT 650°C



EN 60695-2-11

CLASS II



EN 61140

40 CD RANGE

SMOKED TRANSPARENT DOOR - SMOOTH WALLS

GW40101



ENCLOSURES - PRE-ARRANGED FOR TERMINAL BLOCK - GREY RAL 7035



EN 50267-2-2



EN 62208

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Installable terminal blocks	Dispersible power (W)	Pack Carton
GW 40 101	4	143x210x100		13	19
GW 40 102	8	215x210x100	1xGW40401	16	12
GW 40 103	12	298x260x140	1xGW40402	26	6
GW 40 106	18	410x285x140	1xGW40404	38	3

ACCESSORIES SUPPLIED: screwcaps and module masks, circuit labels.

NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the GW52401 milling cutter.

To restore the doubleinsulation, 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.

GW40105



DISTRIBUTION BOARDS WITH PANELS WITH WINDOW AND EXTRACTABLE FRAME PROVISION FOR TERMINAL BLOCK - GREY RAL 7035



EN 50267-2-2



EN 62208

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Installable terminal blocks	Dispersible power (W)	Pack Carton
GW 40 104	24 (12x2)	298x420x140	1xGW40402	32	3
GW 40 105	36 (12x3)	298x570x140	2xGW40402	42	2
GW 40 107	36 (18x2)	410x463x140	2xGW40404	43	2
GW 40 108	54 (18x3)	410x655x140	2xGW40404	66	1
GW 40 109	72 (18x4)	410x878x160	4xGW40404	89	1

ACCESSORIES SUPPLIED: screwcaps and module masks, circuit labels.

NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the GW52401 milling cutter.

To restore the doubleinsulation, 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.

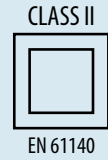
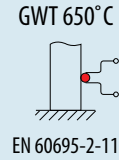
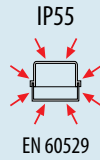
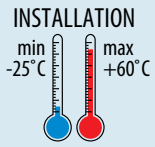
CHARACTERISTICS: removable, sealing panels with windows. Thermo-pressure with ball equal to 70°C.

40 CD RANGE

SURFACE-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

40 CD RANGE

40 CD - WATERTIGHT ENCLOSURES - IP55



SMOKED TRANSPARENT DOOR - WALLS WITH PERFORATION CENTRES

GW40001



ENCLOSURES PREARRANGED FOR HOUSING TERMINAL BLOCKS - GREY RAL 7035



EN 50267-2-2



EN 62208

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Installable terminal blocks	Dispersible power (W)	Pack Carton
GW 40 001	4	105x170x98		12	24
GW 40 003	8	180x180x98	1xGW40401	13	24
GW 40 005	12	250x250x135	1xGW40402	25	8
GW 40 007	24 (12X2)	250x375x135	2xGW40401	27	6
GW 40 009	36 (18x2)	376x400x135	2xGW40402	41	4

ACCESSORIES SUPPLIED: screwcaps and module masks, circuit labels, spare screws in insulating material.

GW40005, GW40007, GW40009: doors equipped with lock, with 2 triangular keys.

NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the GW52401 milling cutter.

To restore the doubleinsulation, 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.

GW40008



ENCLOSURES EQUIPPED WITH TERMINAL BLOCK - GREY RAL 7035



EN 62208

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Terminal block N (mm ²)	Terminal block T (mm ²)	Dispersible power (W)	Pack Carton
GW 40 004	12	250x250x135	(3x25)+(10x10)	(3x25)+(10x10)	25	6
GW 40 006	24 (12X2)	250x375x135	2x[(1x25)+(7x10)]	2x[(1x25)+(7x10)]	27	6
GW 40 008	36 (18x2)	376x400x135	2x[(3x25)+(10x10)]	2x[(3x25)+(10x10)]	41	4

ACCESSORIES SUPPLIED: terminal block, screwcaps and module masks for double insulation, circuit labels, spare screws in insulating material.

Doors equipped with lock, with 2 triangular keys.

NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the GW52401 milling cutter.

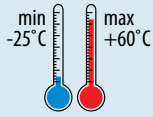
To restore the doubleinsulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621).

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

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

40 CD - PROTECTED DECORATIVE ENCLOSURES - IP40

INSTALLATION



5 J



EN 62262

IP40



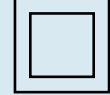
EN 60529

GWT 650°C



EN 60695-2-11

CLASS II



EN 61140

SMOKED TRANSPARENT DOOR - SMOOTH WALLS

GW40043



ENCLOSURES PRE-ARRANGED FOR TERMINAL BLOCK - WHITE RAL 9016



EN 50267-2-2

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Installable terminal blocks	Dispersible power (W)	Pack Carton
GW 40 043	8	200x180x100	1xGW40401	15	14
GW 40 045	12	280x225x100	1xGW40402	22	9
GW 40 047	24 (12X2)	280x350x100	2xGW40401	25	6
GW 40 049	36 (18x2)	400x400x130	2xGW40402	45	2
GW 40 051	54 (18x3)	400x550x130	2xGW40402	63	2
GW 40 053	72 (18x4)	400x850x150	4xGW40402	75	1

ACCESSORIES SUPPLIED: module masks, circuit labels.

GW40049, GW40051, GW40053, equipped with removable frame for carrying out wiring operations outside the enclosure.

NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the GW52401 milling cutter.

To restore the double insulation, use the relative accessories (module masks, screwcaps, or brackets for surface-mounting).

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

GW40048



ENCLOSURES FITTED UP WITH TERMINAL BLOCK - WHITE RAL 9016

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Dispersible power (W)	Pack Carton
GW 40 044	12	280x225x100	22	9
GW 40 046	24 (12X2)	280x350x100	25	6
GW 40 048	36 (18x2)	400x400x130	45	2

ACCESSORIES SUPPLIED: terminal block, module masks, circuit labels.

GW40044: Terminal block N (mm²) (3x25) + (10x10) and terminal block T (mm²) (3x25) + (10x10);

GW40046: Terminal block N (mm²) 2x[(1x25) + (7x10)] and terminal block T (mm²) 2x[(1x25) + (7x10)];

GW40048: Terminal block N (mm²) 2x[(1x25) + (7x10)] and terminal block T (mm²) 2x[(1x25) + (7x10)];

fitted with removable frame, to carry out the wiring operations outside the enclosure.

NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the GW52401 milling cutter.

To restore the double insulation, use the relative accessories (module masks, screwcaps or wall mounting brackets).

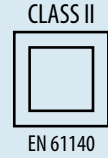
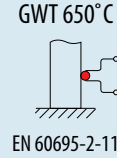
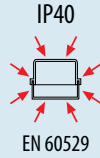
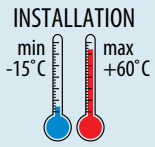
CHARACTERISTICS: Thermo-pressure with ball equal to 70°C.

40 CD RANGE

SURFACE-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

40 CD RANGE

40 CD - PROTECTED ENCLOSURES - IP40



WITHOUT DOOR - WALLS WITH PERFORATION CENTRES

GW40022



ENCLOSURES PRE-ARRANGED FOR TERMINAL BLOCK - GREY RAL 7035



Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Installable terminal blocks	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	1xGW40401	18	24
GW 40 028	12+1	250x215x95	1xGW40402	27	12
GW 40 030	24+2 (12x2)	250x340x95	2xGW40401	40	12
GW 40 032	36+3 (12x3)	250x465x95	2xGW40402	54	9

CHARACTERISTICS: Thermo-pressure with ball equal to 70°C. GW40022 sealable front.

ACCESSORIES SUPPLIED: module masks, circuit labels.

NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the GW52401 milling cutter.

To restore the double insulation, use the relative accessories (module masks, 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).

GW40029



ENCLOSURES FITTED UP WITH TERMINAL BLOCK - GREY RAL 7035

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Terminal block N (mm ²)	Terminal block T (mm ²)	Dispersible power (W)	Pack Carton
GW 40 027	12+1	250x215x95	(3x25)+(10x10)	(3x25)+(10x10)	27	12
GW 40 029	24+2 (12x2)	250x340x95	2x[(1x25)+(7x10)]	2x[(1x25)+(7x10)]	40	12
GW 40 031	36+3 (12x3)	250x465x95	2x[(3x25)+(10x10)]	2x[(3x25)+(10x10)]	54	9

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

ACCESSORIES SUPPLIED: terminal block, module masks, circuit labels.

NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the GW52401 milling cutter.

To restore the double insulation, use the relative accessories (module masks, screwcaps or wall mounting brackets).

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).

COMPLEMENTARY ITEMS

INSTALLATION AND COUPLING

GW44621



WALL FIXING BRACKET

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

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

GW40474



AESTHETIC COUPLING COVERS FOR CONDUIT AND TRUNKING ENTRY FOR CDK DISTRIBUTION BOARDS AND ENCLOSURES

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

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

WIRING

GW40402



TERMINAL BLOCKS WITH INSULATED NEUTRAL AND EARTH BARS FOR ENCLOSURES AND BOARDS

Code	Terminal block N (mm ²)	Terminal block T (mm ²)	For enclosures	Fixing	Pack Carton
GW 40 401	(1x25)+(7x10)	(1x25)+(7x10)	8 modules EN 50022	With screws	10
GW 40 402	(3x25)+(10x10)	(3x25)+(10x10)	12 modules EN 50022	With screws	10
GW 40 404	(5x25)+(14x10)	(5x25)+(14x10)	18 modules EN 50022	With screws and/or clip	10

ACCESSORIES SUPPLIED: fixing screws.

GW40488



INTERNAL HORIZONTAL DIVIDERS FOR CDKI DISTRIBUTION BOARDS

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

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

GW40493



BLANK COVER PANELS 1 MODULE HIGH FOR CDK DISTRIBUTION BOARDS

Code	Suitable for	For boards EN 50022 rail	Colour	Characteristics	Pack Carton
GW 40 492	Wall mounting distr. boards	12 Modules	Grey RAL 7035	Halogen free	20
GW 40 493	Wall mounting distr. boards	18 Modules	Grey RAL 7035	Halogen free	20

CHARACTERISTICS: sealing.

MISCELLANEOUS

GW40421



SECURITY TRIANGULAR KEY

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

GW40422



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.

GW40467



PLASTIC MODULE COVER PROFILE

Code	No. of modules EN 50022	Colour	Characteristics	Pack Carton
GW 40 467	4,5	White RAL 9016	Halogen free	50
GW 40 423	4,5	Grey RAL 7035	Halogen free	50

CHARACTERISTICS: clip fixing.

GW44623



INSULATING SCREW CAPS

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

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