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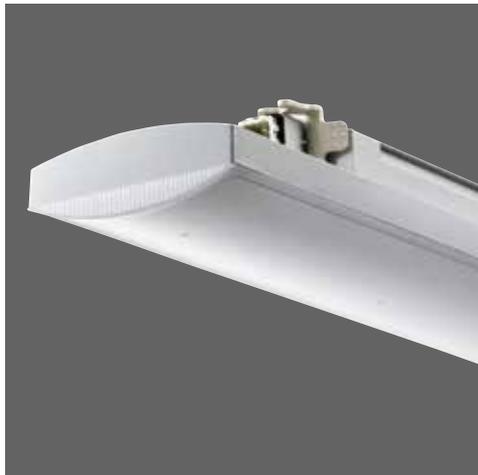




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44 CE RANGE - SURFACE-MOUNTING JUNCTION BOXES									
Material	Technopolymer GW PLAST 75								
Heat resistance	Thermo-pressure with ball: 85°C								
Fire resistance	Glow Wire Test: 650°C - UL94: HB								
Applications	For ordinary junctions								
Degree of protection	IP44	IP55			IP56				
Walls	with quick entry cable glands	with quick entry cable glands		smooth	smooth				
Depth of back-mounting box	standard	standard		standard	standard		high capacity		
Cover	blank plain	1/4 turn screws blank plain	blank plain	1/4 turn screws blank plain	blank plain	deep blank	blank plain	transparent plain	
INTERNAL DIMENSIONS OF BOX BASE LxH (mm)	Dimensions (mm)								
	Ø 65	GW 44 001							
	Ø 80	GW 44 002							
	80x80	GW 44 003							
	100x100		GW 44 024	GW 44 004	GW 44 234	GW 44 204	GW 44 214	GW 44 114	
	120x80			GW 44 005		GW 44 205	GW 44 215		
	150x110		GW 44 026	GW 44 006	GW 44 236	GW 44 206	GW 44 216		
	190x140			GW 44 007		GW 44 207	GW 44 217	GW 44 117	GW 44 137
	240x190			GW 44 008		GW 44 208	GW 44 218	GW 44 118	GW 44 138
	300x220			GW 44 009		GW 44 209	GW 44 219	GW 44 119	GW 44 139
	380x300			GW 44 010		GW 44 210	GW 44 220	GW 44 120	GW 44 140
	460x380			GW 44 011		GW 44 211	GW 44 221		

(*) Versions with red back-mounting box and grey cover

(**) Versions CSA approved (in accordance to the UL50 Standard)

(***) UL94: V0 only back-mounting box and cover

In green: insulation voltage $U_i=1000V$ according to EN 60670-1 and EN 60670-22. For photovoltaic applications use the wall fixing brackets , code GW 44 621.

In red: insulation voltage $U_i=750V$ according to EN 60670-1 and EN 60670-22. For photovoltaic applications use the wall fixing brackets , code GW 44 621.

Halogen-Free versions.

44 CE RANGE - SURFACE-MOUNTING JUNCTION BOXES

Technopolymer GW PLAST 75					Technopolymer GW PLAST 120			
Thermo-pressure with ball: 85°C					Thermo-pressure with ball: 110°C			
Glow Wire Test: 960 °C - UL94: V0 (***)					Glow Wire Test: 650°C - UL94: HB			
For special uses (e.g. raised floors, suspended ceilings...)					For industrial uses			
IP44	IP55		IP56		IP56			
with quick entry cable glands	with quick entry cable glands		smooth		smooth			
standard	standard		standard		standard			
blank plain	1/4 turn screws blank plain	blank plain	blank plain	deep blank	blank plain	deep blank	transparent plain	transparent deep
								
GW 44 051 GW 44 051 R (*)								
GW 44 052								
GW 44 053 GW 44 053 R (*)								
	GW 44 054 GW 44 054 R (*)		GW 44 274	GW 44 254	GW 44 404	GW 44 414		
		GW 44 055	GW 44 275	GW 44 255	GW 44 405	GW 44 415		
	GW 44 056 GW 44 056 R (*)		GW 44 276 GW 44 276 C (**)	GW 44 256	GW 44 406	GW 44 416	GW 44 426	GW 44 436
		GW 44 057	GW 44 277 GW 44 277 C (**)	GW 44 257	GW 44 407	GW 44 417	GW 44 427	GW 44 437
		GW 44 058	GW 44 278	GW 44 258	GW 44 408	GW 44 418	GW 44 428	GW 44 438
		GW 44 059	GW 44 279	GW 44 259	GW 44 409	GW 44 419	GW 44 429	GW 44 439
		GW 44 060	GW 44 280	GW 44 260	GW 44 410	GW 44 420	GW 44 430	GW 44 440
		GW 44 061	GW 44 281	GW 44 261	GW 44 411	GW 44 421	GW 44 431	GW 44 441

		ACCESSORIES APPLICATION TABLE												
		INTERNAL DIMENSIONS OF BOX BASE (mm)												
		Code	Ø 65	Ø 80	80x80	100x100	120x80	150x110	190x140	240x190	300x220	380x300	460x380	
ACCESSORIES FOR COUPLING AND JUNCTION SURFACE-MOUNTING BOXES	EQUIPOTENTIAL SINGLE-POLE TERMINAL BLOCKS	 GW 44 704	•	•	•	•	•	•	•	•	•	•	•	
		GW 44 706	•	•	•	•	•	•	•	•	•	•	•	•
		GW 44 708		•	•	•	•	•	•	•	•	•	•	•
		 GW 44 671	•	•	•	•	•	•	•	•	•	•	•	•
		GW 44 672		•	•	•	•	•	•	•	•	•	•	•
		GW 44 673												
		GW 44 674					•		•	•	•	•	•	•
		GW 44 675							•	•	•	•	•	•
	GW 44 676							•	•	•	•	•	•	
	MULTIPLE TERMINAL BLOCKS	 GW 44 606	•	•	•	•	•							
		GW 44 607	•	•	•	•	•							
		GW 44 608	•	•	•	•	•							
	MULTIPLE FEEDTHROUGH TERMINAL BLOCKS	 GW 44 609		•	•	•	•		•	•	•	•	•	•
		GW 44 610												
		GW 44 611												
		GW 44 610 (**)					•	•	•	•	•	•	•	•
		GW 44 612												
		GW 44 613								•	•	•	•	•
	BACK-MOUNTING PLATES	Galvanised sheet metal	GW 44 615							•	• (*)			
			GW 44 616								•	• (*)		
			GW 44 617									•	• (*)	
			GW 44 618										•	
			GW 44 619											•
		Insulating material	GW 44 625							•	• (*)			
			GW 44 626								•	• (*)		
			GW 44 627									•	• (*)	
			GW 44 628										•	
			GW 44 629											•
COUPL.	 GW 44 620				•			•	•	•	•	•		
SCREW CAPS	 GW 44 622	2	2	2	4	4	4	4	4	4				
	GW 44 623											6	supplied	
BRACKET	 GW 44 621								6	8	12	16	8	
Cable glands		GW 50 428												
		GW 50 429	4	4	6									
		GW 50 430				6	6	10						
		GW 50 431							10	12				
		GW 50 432										12	12	14

(*) GW 44 615 and GW 44 625 are also suitable for GW 44 118 and GW 44 138.

(**) CSA certified version (in accordance with UL50 standards).

GW 44 616 and GW 44 626 are also suitable for GW 44 119 and GW 44 139.

GW 44 617 and GW 44 627 are also suitable for GW 44 120 and GW 44 140.

Note: quick entry cable glands with exception GW 50 428.

44 CE

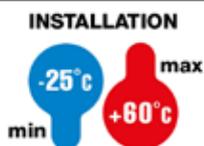
Technopolymer surface-mounting watertight junction boxes

Junction boxes with degree of protection up to IP56 for regular, special and industrial junctions. Made of technopolymer GWT 650°C (in halogen-free material) and GWT 960°C. 11 sizes with smooth walls or cable glands with quick input. Lids that may be shallow, deep, blank or transparent, and with conventional or ¼ turn screws. Also available with high-capacity back plate to create high electrification systems with the entry of pipes up to Ø50mm.



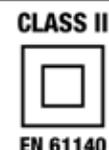
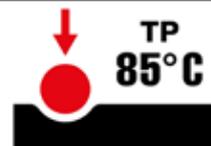
Technical characteristics page 1174

SURFACE-MOUNTING BOXES IN GWPLAST 75 - GWT 650°C - FOR ORDINARY JUNCTIONS



IK
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GWT
650°C



WALLS WITH QUICK ENTRY CABLE GLANDS - IP44 AND IP55



GW 44 001

JUNCTION BOXES WITH PLAIN PRESS-ON LID - IP44 - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Pack Carton
GW 44 001	Ø 65x35	4 / 23	5/280
GW 44 002	Ø 80x40	4 / 23	5/135
GW 44 003	80x80x40	6 / 23	5/90

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.

CHARACTERISTICS: IP 44 boxes with IK07 impact resistance.

The external part of the junction box bottom is provided of central threaded seat. Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 mm. pressure closing lid.



GW 44 024

JUNCTION BOXES WITH PLAIN QUICK FIXING LID - IP55 - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Lid screws (no. and type)	Pack Carton
GW 44 024	100x100x50	6 / 29	4 insul. a 1/4 turn, sealable	66
GW 44 026	150x110x70	10 / 29	4 insul. a 1/4 turn, sealable	40

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.

CHARACTERISTICS: Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 and 25 mm. the box bottom has 2 windows of dimensions 6 x 4 mm that allows the box mounting of the box, using the cables ties, to mesh wire cables trays, perforated cables trays, pole supports, etc...



GW 44 007

JUNCTION BOXES WITH PLAIN SCREWED LID - IP55 - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Lid screws (no. and type)	Pack Carton
GW 44 004	100x100x50	6 / 29	4 - Stainless steel	66
GW 44 005	120x80x50	6 / 29	4 - Stainless steel	66
GW 44 006	150x110x70	10 / 29	4 - Stainless steel	40
GW 44 007	190x140x70	10 / 37	4 insul. sealable hinged	24
GW 44 008	240x190x90	12 / 37	4 insul. sealable hinged	12
GW 44 009	300x220x120	12 / 48	4 insul. sealable hinged	6
GW 44 010	380x300x120	12 / 48	4 insul. sealable hinged	4
GW 44 011	460x380x120	14 / 48	6 insul. sealable hinged	3

ACCESSORIES SUPPLIED: GW44011 screwcaps for double insulation.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

CHARACTERISTICS:

quick entry cable glands, suitable for cables with Ø from 4 to 14mm.

For GW44007 and GW44008 quick entry cable glands suitable for conduits ø 16, 20, 25 and 32mm.

For GW44007, GW44008 quick entry cable glands suitable for conduits ø 16, 20, 25 and 32 mm.

For GW44009, GW44010, GW44011 quick entry cable glands suitable for conduits ø 16, 20, 25, 32 and 40mm.

SMOOTH WALLS - IP55 AND IP56



GW 44 234

JUNCTION BOXES WITH PLAIN QUICK FIXING LID - IP55 - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Pack Carton
GW 44 234	100x100x50	29 mm	4 insul. a 1/4 turn, sealable	105
GW 44 236	150x110x70	29 mm	4 insul. a 1/4 turn, sealable	50

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.



GW 44 207

JUNCTION BOXES WITH PLAIN SCREWED LID - IP56 - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Pack Carton
GW 44 204	100x100x50	29 mm	4 - Stainless steel	105
GW 44 205	120x80x50	29 mm	4 - Stainless steel	91
GW 44 206	150x110x70	29 mm	4 - Stainless steel	50
GW 44 207	190x140x70	37 mm	4 insul. sealable hinged	30
GW 44 208	240x190x90	37 mm	4 insul. sealable hinged	14
GW 44 209	300x220x120	48 mm	4 insul. sealable hinged	6
GW 44 210	380x300x120	48 mm	4 insul. sealable hinged	4
GW 44 211	460x380x120	48 mm	6 insul. sealable hinged	3

ACCESSORIES SUPPLIED: GW44211 screwcaps for double insulation.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.



GW 44 217

JUNCTION BOXES WITH DEEP SCREWED LID - IP56 - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Pack Carton
GW 44 214	100x100x120	29 mm	4 - Stainless steel	45
GW 44 215	120x80x120	29 mm	4 - Stainless steel	55
GW 44 216	150x110x140	29 mm	4 - Stainless steel	24
GW 44 217	190x140x140	37 mm	4 insul. sealable hinged	12
GW 44 218	240x190x160	37 mm	4 insul. sealable hinged	12
GW 44 219	300x220x180	48 mm	4 insul. sealable hinged	7
GW 44 220	380x300x180	48 mm	4 insul. sealable hinged	3
GW 44 221	460x380x180	48 mm	6 insul. sealable hinged	2

ACCESSORIES SUPPLIED: GW44221 screwcaps for double insulation.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

HIGH CAPACITY BOTTOM WITH SMOOTH WALLS - IP56



GW 44 117

JUNCTION BOXES WITH HIGH CAPACITY BOTTOM AND PLAIN SCREWED LID - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Effective height of bottom	Lid screws (no. and type)	Pack Carton
GW 44 114	100x100x80	48 mm	63 mm	4 - Stainless steel	1/45
GW 44 117	190x140x110	54 mm	83 mm	4 insul. sealable hinged	1/16
GW 44 118	240x190x130	54 mm	100 mm	4 insul. sealable hinged	1/12
GW 44 119	300x220x170	54 mm	119 mm	4 insul. sealable hinged	1/7
GW 44 120	380x300x170	54 mm	119 mm	4 insul. sealable hinged	1/3

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

For all box/back-mounting plate combinations, refer to the summary.

APPLICATIONS: used to connect conduits up to Ø 40mm (for the 100x100x80mm version) and up to Ø 50mm (for the other sizes).

CHARACTERISTICS: for codes GW44117; GW44118; GW44119; GW44120, Ui=750V in accordance with EN 60670-1 and EN 60670-22. For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621.



GW 44 137

JUNCTION BOXES WITH HIGH CAPACITY BOTTOM AND TRANSPARENT PLAIN SCREWED LID GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Effective height of bottom	Lid screws (no. and type)	Pack Carton
GW 44 137	190x140x110	54 mm	83 mm	4 insul. sealable hinged	1/16
GW 44 138	240x190x130	54 mm	100 mm	4 insul. sealable hinged	1/12
GW 44 139	300x220x170	54 mm	119 mm	4 insul. sealable hinged	1/7
GW 44 140	380x300x170	54 mm	119 mm	4 insul. sealable hinged	1/3

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

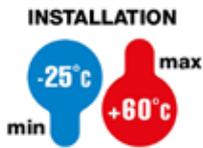
For all box/back-mounting plate combinations, refer to the summary.

APPLICATIONS: used to connect conduits up to Ø 50mm.

CHARACTERISTICS: for codes GW44137; GW44138; GW44139; GW44140, Ui=750V in accordance with EN 60670-1 and EN 60670-22.

For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621.

SURFACE-MOUNTING BOXES IN GWPLAST 75 - GWT 960°C - FOR SPECIAL USES



**IK
08**

**GWT
960°C**



WALLS WITH QUICK ENTRY CABLE GLANDS - IP44 AND IP55



GW 44 051

JUNCTION BOXES WITH PLAIN PRESS-ON LID - IP44 - GREY RAL 7035

**GWT
960°C**

Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Pack Carton
GW 44 051	Ø 65x35	4 / 23	5/280
GW 44 052	Ø 80x40	4 / 23	5/135
GW 44 053	80x80x40	6 / 23	5/90

CHARACTERISTIC: Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1. IK07 impact resistance.

The external part of the junction box bottom is provided of central threaded seat. Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 mm. pressure closing lid.

APPLICATIONS: ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.

Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 mm.



GW 44 054

JUNCTION BOXES WITH PLAIN QUICK FIXING LID - IP55 - GREY RAL 7035

**GWT
960°C**

Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Lid screws (no. and type)	Pack Carton
GW 44 054	100x100x50	6 / 29	4 insul. a 1/4 turn, sealable	66
GW 44 056	150x110x70	10 / 29	4 insul. a 1/4 turn, sealable	40

CHARACTERISTICS: Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1. Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 and 25 mm. the box bottom has 2 windows of dimensions 6 x 4 mm that allows the box mounting of the box, using the cables ties, to mesh wire cables trays, perforated cables trays, pole supports, etc...

APPLICATIONS: ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.



GW 44 051 R

**JUNCTION BOXES WITH PLAIN PRESS-ON LID - IP44
BOX BASE RED RAL 3000, LID AND CABLE GLAND GREY RAL 7035**

**GWT
960°C**

Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Pack Carton
GW 44 051 R	Ø 65x35	4 / 23	5/280
GW 44 053 R	80x80x40	6 / 23	5/90

CHARACTERISTICS: Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1. thermo-pressure with ball = 75° C.

The external part of the junction box bottom is provided of central threaded seat. Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 mm. pressure closing lid.

APPLICATION: Ideal for safety circuits (door release, illumination, signal) and for ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.

Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 mm.



GW 44 054 R

JUNCTION BOXES WITH PLAIN QUICK FIXING LID - IP55 BOX BASE RED RAL 3000, LID AND CABLE GLAND GREY RAL 7035

**GWT
960°C**

Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Lid screws (no. and type)	Pack Carton
GW 44 054 R	100x100x50	6 / 29	4 insul. a 1/4 turn, sealable	66
GW 44 056 R	150x110x70	10 / 29	4 insul. a 1/4 turn, sealable	40

CHARACTERISTICS: Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1. thermo-pressure with ball = 75° C. Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 and 25 mm. the box bottom has 2 windows of dimensions 6 x 4 mm that allows the box mounting of the box, using the cables ties, to mesh wire cables trays, perforated cables trays, pole supports, etc...

APPLICATIONS: ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps.

Quick entry cable glands for cables with Ø from 4 to 14 mm and tubes with Ø 16, 20 and 25 mm.



GW 44 057

JUNCTION BOXES WITH PLAIN SCREWED LID - IP55 - GREY RAL 7035

**GWT
960°C**

Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Lid screws (no. and type)	Pack Carton
GW 44 055	120x80x50	6 / 29	4 - Stainless steel	66
GW 44 057	190x140x70	10 / 37	4 insul. sealable hinged	24
GW 44 058	240x190x90	12 / 37	4 insul. sealable hinged	12
GW 44 059	300x220x120	12 / 48	4 insul. sealable hinged	6
GW 44 060	380x300x120	12 / 48	4 insul. sealable hinged	4
GW 44 061	460x380x120	14 / 48	4 insul. sealable hinged	3

ACCESSORIES SUPPLIED: GW44061 screwcaps for double insulation.

CHARACTERISTICS: Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1.

APPLICATIONS: ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

For GW44055 quick entry cable glands, suitable for cables with Ø from 4 to 14mm and conduits Ø 16, 20 and 25mm.

For GW44057 and GW44058 quick entry cable glands, suitable for cables with Ø from 4 to 14mm and conduits Ø 16, 20, 25 and 32mm.

For GW44059, GW44060 and GW44061 quick entry cable glands, suitable for cables with Ø from 4 to 14mm and conduits Ø 16, 20, 25, 32 and 40mm.

SMOOTH WALLS - IP56



GW 44 277

JUNCTION BOXES WITH PLAIN SCREWED LID - IP56 - GREY RAL 7035

**GWT
960°C**

Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Pack Carton
GW 44 274	100x100x50	29 mm	4 - Stainless steel	105
GW 44 275	120x80x50	29 mm	4 - Stainless steel	91
GW 44 276	150x110x70	29 mm	4 - Stainless steel	50
GW 44 276 C	150x110x70	29 mm	4 - Stainless steel	50
GW 44 277	190x140x70	37 mm	4 insul. sealable hinged	30
GW 44 277 C	190x140x70	37 mm	4 insul. sealable hinged	30
GW 44 278	240x190x90	37 mm	4 insul. sealable hinged	14
GW 44 279	300x220x120	48 mm	4 insul. sealable hinged	6
GW 44 280	380x300x120	48 mm	4 insul. sealable hinged	4
GW 44 281	460x380x120	48 mm	6 insul. sealable hinged	3

ACCESSORIES SUPPLIED: GW44281 screwcaps for double insulation.

CHARACTERISTICS: for codes GW44277; GW44277C; GW44278; GW44279; GW44280; GW44281 Ui=750V in accordance with EN 60670-1 and EN 60670-22.

For applications in the photovoltaic environment, use the surface-mounting brackets - code GW44621. Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1. For junction boxes GW44276C and GW44277C, thermo-pressure with ball TP = 75° C according to EN 60670-1 and IEC 60670-1.

APPLICATIONS: ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

Junction boxes GW44276C and GW44277C certified CSA (in accordance with UL50). To be used with multipolar terminal blocks 5 6 mm² GW44610C.



GW 44 260

JUNCTION BOXES WITH DEEP SCREWED LID - IP56 - GREY RAL 7035

**GWT
960°C**

Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Pack Carton
GW 44 254	100x100x120	29 mm	4 - Stainless steel	45
GW 44 255	120x80x120	29 mm	4 - Stainless steel	55
GW 44 256	150x110x140	29 mm	4 - Stainless steel	24
GW 44 257	190x140x140	37 mm	4 insul. sealable hinged	16
GW 44 258	240x190x160	37 mm	4 insul. sealable hinged	12
GW 44 259	300x220x180	48 mm	4 insul. sealable hinged	7
GW 44 260	380x300x180	48 mm	4 insul. sealable hinged	3
GW 44 261	460x380x180	48 mm	6 insul. sealable hinged	2

ACCESSORIES SUPPLIED: GW44261 screwcaps for double insulation.

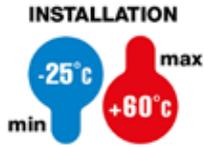
CHARACTERISTICS: for codes GW44257; GW44258; GW44259; GW44260; GW44261 Ui=750V in accordance with EN 60670-1 and EN 60670-22.

For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621. Casing type H in accordance with EN60670-1, and type Ha in accordance with IEC60670-1.

APPLICATIONS: ideal for applications requiring a minimum GWT of 850°C in compliance with standards EN 60670 and IEC 60670, such as floating floors and suspended ceilings.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

SURFACE-MOUNTING BOXES IN GWPLAST 120 - GWT 650°C - FOR INDUSTRIAL USES



IK
08

GWT
650°C



BLANK LID - IP56



GW 44 407

BOXES WITH SMOOTH WALLS FOR JUNCTIONS AND FOR ELECTRIC AND ELECTRONIC EQUIPMENT PLAIN SCREWED LID - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Pack Carton
GW 44 404	100x100x50	29 mm	4 - Stainless steel	108
GW 44 405	120x80x50	29 mm	4 - Stainless steel	108
GW 44 406	150x110x70	29 mm	4 - Stainless steel	50
GW 44 407	190x140x70	37 mm	4 insul. sealable hinged	32
GW 44 408	240x190x90	37 mm	4 insul. sealable hinged	14
GW 44 409	300x220x120	48 mm	4 insul. sealable hinged	6
GW 44 410	380x300x120	48 mm	4 insul. sealable hinged	4
GW 44 411	460x380x120	48 mm	6 insul. sealable hinged	3

ACCESSORIES SUPPLIED: GW44411 screwcaps for double insulation.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

CHARACTERISTICS: for codes GW44407; GW44408; GW44409; GW44410; GW44411 Ui=1000V in accordance with EN 60670-1 and EN 60670-22.

For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621.



GW 44 417

BOXES WITH SMOOTH WALLS FOR JUNCTIONS AND FOR ELECTRIC AND ELECTRONIC EQUIPMENT DEEP SCREWED LID - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Pack Carton
GW 44 414	100x100x120	29 mm	4 - Stainless steel	45
GW 44 415	120x80x120	29 mm	4 - Stainless steel	55
GW 44 416	150x110x140	29 mm	4 - Stainless steel	24
GW 44 417	190x140x140	37 mm	4 insul. sealable hinged	16
GW 44 418	240x190x160	37 mm	4 insul. sealable hinged	12
GW 44 419	300x220x180	48 mm	4 insul. sealable hinged	7
GW 44 420	380x300x180	48 mm	4 insul. sealable hinged	3
GW 44 421	460x380x180	48 mm	6 insul. sealable hinged	2

ACCESSORIES SUPPLIED: GW44421 screwcaps for double insulation.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

CHARACTERISTICS: for codes GW44417; GW44418; GW44419; GW44420; GW44421 Ui=1000V in accordance with EN 60670-1 and EN 60670-22.

For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621.

TRANSPARENT LID - IP56



GW 44 427

**BOXES WITH SMOOTH WALLS FOR JUNCTIONS AND FOR ELECTRIC AND ELECTRONIC EQUIPMENT
PLAIN SCREWED LID - GREY RAL 7035**



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Pack Carton
GW 44 426	150x110x70	29 mm	4 - Stainless steel	50
GW 44 427	190x140x70	37 mm	4 insul. sealable hinged	32
GW 44 428	240x190x90	37 mm	4 insul. sealable hinged	14
GW 44 429	300x220x120	48 mm	4 insul. sealable hinged	6
GW 44 430	380x300x120	48 mm	4 insul. sealable hinged	4
GW 44 431	460x380x120	48 mm	6 insul. sealable hinged	3

ACCESSORIES SUPPLIED: GW44431 screwcaps for double insulation.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

CHARACTERISTICS: for codes GW44427; GW44428; GW44429; GW44430; GW44431 Ui=1000V in accordance with EN 60670-1 and EN 60670-22.
For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621.



GW 44 437

**BOXES WITH SMOOTH WALLS FOR JUNCTIONS AND FOR ELECTRIC AND ELECTRONIC EQUIPMENT
DEEP SCREWED LID - GREY RAL 7035**



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Pack Carton
GW 44 436	150x110x140	29 mm	4 - Stainless steel	24
GW 44 437	190x140x140	37 mm	4 insul. sealable hinged	16
GW 44 438	240x190x160	37 mm	4 insul. sealable hinged	12
GW 44 439	300x220x180	48 mm	4 insul. sealable hinged	7
GW 44 440	380x300x180	48 mm	4 insul. sealable hinged	3
GW 44 441	460x380x180	48 mm	6 insul. sealable hinged	2

ACCESSORIES SUPPLIED: GW44441 screwcaps for double insulation.

NOTES: to restore the double insulation and original IP degree of protection of the boxes, use the isolating screwcaps or the surface-mounting fixing brackets for boxes measuring at least 190x140mm.

CHARACTERISTICS: for codes GW44437; GW44438; GW44439; GW44440; GW44441 Ui=1000V in accordance with EN 60670-1 and EN 60670-22.
For applications in the photovoltaic environment, use the wall fixing brackets - code GW44621.



GW 44 620

WATERTIGHT COUPLER - IP56

Code	For boxes centre distance BxH (mm)	For holes Ø (mm)	Ø ring nut (mm)	Internal Ø (mm)	Length (mm)	Pack Carton
GW 44 620	300x220 380x300 460x380	48	58.5	39	37.5	10/160

NOTES: suitable for all boxes with high capacity bottom.



GW 50 430

CABLE GLANDS IN FLEXIBLE POLYMER - GREY RAL 7035 - IP55

Code	For ext. conduits max (mm)	Mounting hole Ø (mm)	Glow Wire Test	Pack Carton
GW 50 428	16	19	960 °C	100/1000
GW 50 429	20	23	960 °C	100/1000
GW 50 430	25	29	960 °C	100/1000
GW 50 431	32	37	960 °C	50/500
GW 50 432	40	48	960 °C	35/350

NOTES: quick entry cable glands, except GW50428.

CHARACTERISTICS: quick entry cable glands, suitable for cables with Ø from 4 to 14mm.

Cable gland GWS0429, suitable for conduits ø 16, 20mm.

Cable gland GWS0430, suitable for conduits ø 16, 20, 25mm.

Cable gland GWS0431, suitable for conduits ø 16, 20, 25, 32mm.

Cable gland GWS0432, suitable for conduits ø 16, 20, 25, 32, 40mm.



GW 52 401

MULTI-DIAMETER DRILL MILLING CUTTER IN HSS STEEL TO DRILL BOXES, BOARDS AND TRUNKING IN INSULATING MATERIAL

Code	Description	Ø of perforation	Pack Carton
GW 52 401	Drill milling cutter	From 3.5 to 40	1/4

44 CE



VERSIONS WITH QUICK ENTRY CABLE GLANDS



The boxes fitted with cable glands make it possible to quickly insert rigid and flexible cables between \varnothing 4 and 14 mm and rigid conduits. The innovative geometry guarantees high mechanical performance and ensures the maintenance of the degree of protection of the box, also with the cables or conduits inserted.

HIGH-CAPACITY BOXES



The high-capacity back-mounting boxes were designed in detail to optimise and facilitate installation and use, so that conduits with a wide diameter can also be connected (up to 50 mm). This attention to detail has produced a range of boxes that are ideal in systems with a high connection density.

HINGED COVER VERSIONS



All GEWISS junction boxes measuring 190x140 mm or more have plastic screws with a spherical head that makes it possible to open the cover like a small board (GEWISS patent). This innovative system also allows for sealing the coversd.

44 CE - SURFACE-MOUNTING BOXES IN GW PLAST® 75; GWT 650°C FOR ORDINARY JUNCTIONS

TECHNICAL CHARACTERISTICS

Standard: EN 60670-1 (CEI 23-48); EN 60670-22 (23-94)

Degree of protection: IP44; IP55; IP56

Protection against indirect contact: double insulation - (*)

Installation temperature: max. +60°C; min. -25°C

Material: GW PLAST 75 technopolymer, versions with smooth walls, halogen-free in accordance with EN 60754-2 (CEI EN 50267-2-2)

Impact resistance: IK 07 (IP44 box) IK 08 (IP55 and IP56 boxes)

Heat resistance: thermo-pressure with ball 85°C

Resistance to abnormal heat and fire: Glow wire test 650°C

(*) Complete insulation, in accordance with EN 61140 Standard, obtainable with GW 44 622 or GW 44 623 screwcaps or GW 44 621 fixing brackets in insulating material. Spanner coupler - screwed lid: 1 Nm for boxes with dim. BxH (mm) 100x100 and 120x80; 1.2 Nm for boxes with dim. BxH (mm) 150x110; 1.8 Nm for boxes with dim. BxH (mm) form 190x140 to 460x380.

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Ethyl alcohol		
Resistant	Limited resistance	Resistant	Resistant	Resistant	Limited resistance	Not resistant	Not resistant	Limited resistance	Limited resistance	Limited resistance

44 CE - SURFACE-MOUNTING BOXES IN GW PLAST® 75; GWT 960°C FOR SPECIAL USES

TECHNICAL CHARACTERISTICS

Standard: EN 60670-1 (CEI 23-48); EN 60670-22 (23-94)

Degree of protection: IP44; IP55; IP56

Protection against indirect contact: double insulation - (*)

Installation temperature: max. +60°C; min. -25°C

Material: GW PLAST 75 technopolymer

Impact resistance: IK 07 (IP44 box); IK 08 (IP55 and IP56 boxes)

Heat resistance: thermo-pressure with ball 85°C (**)

Resistance to abnormal heat and fire: Glow wire test 960°C

(*) Complete insulation, in accordance with EN 61140 Standard, obtainable with GW 44 622 or GW 44 623 screwcaps or GW 44 621 fixing brackets in insulating material. Spanner coupler - screwed lid: 1 Nm for boxes with dim. BxH (mm) 100x100 and 120x80; 1.2 Nm for boxes with dim. BxH (mm) 150x110; 1.8 Nm for boxes with dim. BxH (mm) form 190x140 to 460x380.

(**) fo boxes GW44051R; GW44053R; GW44054R, GW44056R, GW440276C e GW440277C thermo-pressure with ball = 75°C

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Ethyl alcohol		
Resistant	Limited resistance	Resistant	Resistant	Resistant	Limited resistance	Not resistant	Not resistant	Limited resistance	Limited resistance	Limited resistance