

48 PT / PT DIN and 48 PTC: cardboard mortar guard element supplied			ACCESSORIES APPLICATION TABLE					
			Dimensions (mm)	Protective shield	No. of internal dividers	Coupling element	spare lids	
RANGE	Code						Plain	Deep
48 PT / PT DIN	GW 48 001		92x92x45	-	-	-	IP40 GW 48 013	-
	GW 48 002		118x96x50	-	-	-	IP40 GW 48 014	-
	GW 48 003		118x96x70	-	-	2 x GW 48 051	IP40 GW 48 014	-
	GW 48 004		152x98x70	-	-	2 x GW 48 051	IP40 GW 48 015	IP40 GW 48 084
	GW 48 005		160x130x70	-	-	2 x GW 48 051	IP40 GW 48 016	IP40 GW 48 085
	GW 48 006		196x152x70	1 X GW 48 006 P	1 x GW 48 012	2 x GW 48 051	IP40 GW 48 017	IP40 GW 48 086
	GW 48 007		294x152x70	1 X GW 48 007 P	2 x GW 48 012	2 x GW 48 051	IP40 GW 48 018	IP40 GW 48 087
	GW 48 008		392x152x70	1 X GW 48 008 P	3 x GW 48 012	2 x GW 48 051	IP40 GW 48 019	IP40 GW 48 088
	GW 48 009		480x160x70	1 X GW 48 009 P	2 x GW 48 012	2 x GW 48 051	IP40 GW 48 020	-
	GW 48 010		516x202x80	1 x GW 48 010 P	2 x GW 48 012	2 x GW 48 051	IP40 GW 48 021	-
	GW 48 011		516x294x80	1 x GW 48 011 P	5 supplied	2 x GW 48 051	IP40 GW 48 022	-
48 CM	GW 48 207		260x260x121	-	1 supplied	2 supplied	IP44 GW 48 247	IP44 GW 48 267
	GW 48 211		520x260x121	-	4 supplied	2 supplied	IP44 GW 48 251	IP44 GW 48 271
	GW 48 227		260x260x121	-	2 supplied	2 supplied	IP44 GW 48 247	IP44 GW 48 267
	GW 48 231		520x260x121	-	5 supplied	2 supplied	IP44 GW 48 251	IP44 GW 48 271
48 PTC - IP 40	GW 48 661		138x169x70	-	-	In-line coupling connector GW 48 026 	GW 48 611	-
	GW 48 662		308x169x70	-	1 x GW 48 024		GW 48 612	-
	GW 48 663		398x169x70	-	2 x GW 48 024		GW 48 613	-
48 PTC - IP 55	GW 48 671		138x169x70	-	-		GW 48 621	-
	GW 48 691		308x169x70	-	1 x GW 48 024		GW 48 651	-
	GW 48 672		308x169x70	-	1 x GW 48 024		GW 48 622	-
	GW 48 673		398x169x70	-	2 x GW 48 024		GW 48 623	-

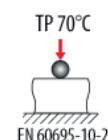
Flush-mounting junction and modular range boxes

The system comprises three ranges: 48 PT / PT DIN range with integrated DIN rail on the back plate, in conformity with the CEI 23-48, ideal for the pre-arrangement and hosting of domotic modules; 48 CM range - High capacity connection and junction boxes, ideal for uprights 48 PTC range - modular, IP55 watertight, for junctions, command and distribution - ideal for indoor applications subject to sudden splashes of water. Entirely in halogen-free technopolymer.



Technical characteristics page 1401

48 PT / PT DIN - JUNCTION, CONNECTION AND DOMOTIC BOXES - IP40



FOR BRICK WALLS



GW 48 004

48 PT - JUNCTION AND CONNECTION BOXES FOR SIDE-BY-SIDE ASSEMBLY - WHITE LID RAL 9016



Code	Outer dim. LxHxD (mm)	Compartment pre-arrangement	Pack Carton
GW 48 001	92x92x45	1	162
GW 48 002	118x96x50	1	114
GW 48 003	118x96x70	1	84
GW 48 004	152x98x70	1	64
GW 48 005	160x130x70	1	49

CHARACTERISTICS: surface embossing of the lids to facilitate painting.

External knurling of the base to improve mortar adherence.

Pre-arrangement for combined coupling (both horizontal and vertical) via the joining element GW48051.

Lid protected with heat-shrinking film that also contains the bag of fixing screws.

Mortar guard element assembled by pressing on the base opening.

ACCESSORIES SUPPLIED: ø3x25 mm screw kit for lid fixing, mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

NOTES: for the inputs, remove the knockouts after cutting the relative tangs with scissors.



GW 48 006

48 PT DIN - JUNCTION AND CONNECTION BOXES FOR SIDE-BY-SIDE ASSEMBLY WITH DIN RAIL INTEGRATED ON THE BACK-MOUNTING BOX COLOUR: WHITE LID RAL 9016



Code	Outer dim. LxHxD (mm)	Compartment pre-arrangement	No. EN 50022 mod. per comp.	Domotic equipment coupling	Dispersible max power (W)	No. supports GW44720	Pack Carton
GW 48 006	196x152x75	2	4.5	DIN rail	11	2	34
GW 48 007	294x152x75	3	5	DIN rail	13	3	22
GW 48 008	392x152x75	4	5	DIN rail	17	4	17
GW 48 009	480x160x75	3	8	DIN rail	25	5	17
GW 48 010	516x202x90	3	9	DIN rail	29	5	9
GW 48 011	516x294x90	6	4	DIN rail	30	5	5

APPLICATIONS: boxes with a built-in DIN rail on the back-mounting box, in accordance with regulations that require to fix by DIN rail the devices that disperse a certain amount of power inside the junction boxes (calculated in compliance with CEI 23-49). Ideal for relocation of domotic equipment as actuators, power supplies, etc...

CHARACTERISTICS: surface embossing of the covers to facilitate painting. External knurling of the base to improve mortar adherence. Pre-arrangement for combined coupling (both horizontal and vertical) via the joining element GW48051. Lid protected with heat-shrinking film that also contains the bag of fixing screws. Mortar guard element assembled by pressing on the base opening.

ACCESSORIES SUPPLIED: Junction box GW48011 supplied with 5 internal separators. ø 3x25mm screw kit for lid fixing. Mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

NOTES: for the inputs, remove the knockouts after cutting the relative tangs with scissors.

COMPLEMENTARY ITEMS FOR 48 PT / PT DIN E 48 PT DIN GREEN WALL

COMPLEMENTARY ITEMS



GW 48 007 P

PROTECTIVE SHIELD FOR JUNCTION, CONNECTION AND DOMOTICS BOXES



Code	For boxes PT DIN	For PT DIN GREEN WALL boxes	Pack Carton
GW 48 006 P	GW48006	GW48006PM and GW48126PM	70
GW 48 007 P	GW48007	GW48007PM	60
GW 48 008 P	GW48008	GW48008PM	50
GW 48 009 P	GW48009	GW48009PM	40
GW 48 010 P	GW48010		30
GW 48 011 P	GW48011		25

CHARACTERISTICS: in technopolymer. Total protection during brick wall work, painting and finishing operations. Applying the protective shield beneath the lid, the dispersible power of the box is reduced by 2 W for GW48006, GW48007, GW48008, GW48010, GW48011, GW48006PM, GW48007PM, GW48008PM boxes and by 3W GW48009 and GW48009PM boxes.
NOTES: clip fixing to speed up assembly and removal operations. Reusable.



GW 48 051

JOINING ELEMENT FOR PT / PT DIN AND PT DIN GREEN WALL BOXES



Code	For PT / PT DIN boxes	For PT DIN GREEN WALL boxes	Pack Carton
GW 48 051	GW48003 - GW48011	GW48006PM - GW48009PM	10

NOTES: the use of the joining element makes it possible to create horizontal and/or vertical sets of boxes PT/PT DIN. For PT DIN GREEN WALL boxes, GW40425 element permits horizontal paths. GW48051 also for the box with transparent lid GW48126PM. GWT 850 °C according to EN 60695-2-11.



GW 48 012

INTERNAL SEPARATOR FOR PT DIN AND PT DIN GREEN WALL BOXES



Code	For boxes PT DIN	For PT DIN GREEN WALL boxes	Pack Carton
GW 48 012	GW48006 - GW48011	GW48006PM - GW48009PM	50/300



GW 48 018

HIGH RESISTANCE SHOCKPROOF PLAIN LIDS FOR PT / PT DIN AND PT DIN GREEN WALL BOXES
WHITE RAL 9016 - IP40

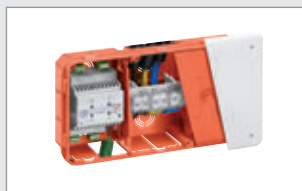


Code	Suitable for	Shock resistance	Pack Carton
GW 48 013	GW48001	IK10	10/120
GW 48 014	GW48002 - GW48003	IK10	10/100
GW 48 015	GW48004	IK10	10/100
GW 48 016	GW48005	IK10	10/100
GW 48 017	GW48006 and GW48006PM	IK10	10/100
GW 48 018	GW48007 and GW48007PM	IK10	10/80
GW 48 019	GW48008 and GW48008PM	IK10	10/40
GW 48 020	GW48009 and GW48009PM	IK10	10/40
GW 48 021	GW48010	IK10	10/30
GW 48 022	GW48011	IK10	10/20

CHARACTERISTICS: surface embossing of the covers to facilitate painting. GWT 850 °C according to EN 60695-2-11.



48 PT / PT DIN BOXES



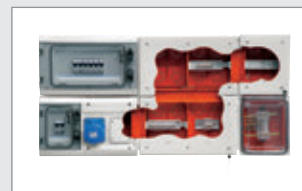
11 sizes complete with mortar guard elements, for creating junction points on the basis of specific needs. In sizes 6-11, the boxes have a built-in DIN rail on the back-mounting box; this makes the range unique. Dispersible max power can be used to match the value with domotic and video entryphone devices. a characteristic that makes the range unique in the market.

48 CM BOXES



Thanks to the considerable box depth (121 mm), all the models in this range can accommodate a greater number of conduits (even with a wide diameter) along the vertical and horizontal walls. These characteristics make the 48CM boxes ideal for junction along system uprights.

48 PTC BOXES



A system consisting of boxes, enclosures and modular boards for junction, command and distribution. The IP55 version is ideal for applications in technical rooms, kitchens or places where there is a risk of the system being struck by sudden jets of water.

48 PT / PT DIN - CONNECTION AND JUNCTION BOXES ALSO FOR DOMOTICS - IP40

TECHNICAL CHARACTERISTICS

Standard: IEC EN 60670-1 (CEI 23-48); IEC EN 60670-22 (CEI 23-94); IEC EN 60670-24 (CEI 23-49) (*)

Degree of protection: IP40

Installation temperature: max +60°C; min. -15°C

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

Impact resistance: IK 07 (standard and deep covers)

IK 10 (impact resistant cover)

Heat resistance: thermo-pressure with ball 70°C

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

Applications: for brickwork walls

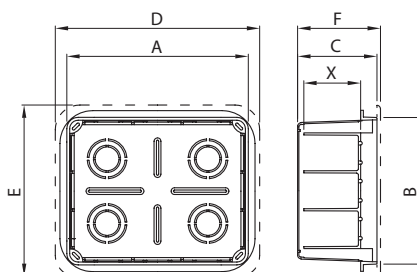
(*) Enclosure type: GP (CEI 23-51) and PD

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Agent	Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
		Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Ethyl alcohol		
48 PT / PT DIN standard cover	Resistant	Not resistant	Not resistant	Limited resistance	Limited resistance	Not resistant	Not resistant	Not resistant	Limited resistance	Limited resistance	Limited resistance
Shockproof cover for 48 PT / PT DIN	Resistant	Not resistant	Limited resistance	Not resistant	Limited resistance	Resistant	Not resistant	Not resistant	Limited resistance	Limited resistance	Limited resistance

Dimension tables

JUNCTION BOXES (GW48001-GW48005)



Code	Modular boxes										Cover			Deep lid				max Ø of conduit per sector	max Ø of conduit in the back-mounting plate	Maximum dispersible power
	A	B	C	X	N° - S	No. modules N° - M	I	L	'I	'L	D	E	F	'D	'E	G	H			
GW 48 001	92	92	45	30	-	-	-	-	-	-	112	112	48.5	-	-	-	-	Ø32	Ø25	-
GW 48 002	118	96	50	36	-	-	-	-	-	-	138	116	53.5	-	-	-	-	Ø32	Ø25	-
GW 48 003	118	96	70	50	-	-	-	-	-	-	138	116	73.5	-	-	-	-	Ø32	Ø25	-
GW 48 004 GW 48 084	152	98	70	50	-	-	-	-	-	-	172	118	73.5	170	116	49	56	Ø40	Ø32	-
GW 48 005 GW 48 085	160	130	70	50	-	-	-	-	-	-	186	156	74	178	148	49	56	Ø40	Ø32	-

Code	Quantity		Page
	Pack/carton	Pallet	
GW 47 113	1	8	594
GW 47 113	1	8	833
GW 47 113	1	8	848
GW 47 114	1	10	848
GW 47 121	1	12	833
GW 47 121	1	12	848
GW 47 122	1	12	833
GW 47 122	1	12	848
GW 47 123	1	10	833
GW 47 123	1	10	848
GW 47 124	1	10	848
GW 47 131	1	6	848
GW 47 132	1	6	848
GW 47 133	1	9	848
GW 47 134	1	9	848
GW 47 141	1	10	848
GW 47 142	1	10	848
GW 47 143	1	5	848
GW 47 144	1	10	848
GW 47 162	1	10	849
GW 47 163	1	10	849
GW 47 164	1	9	849
GW 47 171	1/10	240	842
GW 47 172	1/8	192	842
GW 47 173	1/10	360	828
GW 47 173	1/10	360	843
GW 47 174	1/10	120	828
GW 47 174	1/10	120	843
GW 47 175	1/10	360	828
GW 47 175	1/10	360	843
GW 47 176	1/10	250	828
GW 47 176	1/10	250	843
GW 47 177	1/10	250	828
GW 47 177	1/10	250	843
GW 47 178	1/10	360	828
GW 47 178	1/10	360	843
GW 47 179	1/10	420	828
GW 47 179	1/10	420	843
GW 47 181	1/10	480	844
GW 47 182	1/10	240	844
GW 47 183	1/10	240	844
GW 47 186	1/5	60	844
GW 47 187	1/5	80	844
GW 47 191	1/20	2880	830
GW 47 191	1/20	2880	845
GW 47 192	1/10	1440	598
GW 47 192	1/10	1440	831
GW 47 192	1/10	1440	846
GW 47 192	1/10	1440	871
GW 47 192	1/10	1440	894
GW 47 193	1/5	300	598
GW 47 193	1/5	300	831
GW 47 193	1/5	300	846
GW 47 194 E	1/20	800	830
GW 47 194 E	1/20	800	845
GW 47 195	10/100	14400	831
GW 47 195	10/100	14400	847
GW 47 197	1/10	1280	832
GW 47 198	1/10	150	849
GW 47 201	1/5	120	955
GW 47 202	1/5	100	955
GW 47 204	1/5	35	955
GW 47 206	1	32	955
GW 47 207	1	90	955

Code	Quantity		Page
	Pack/carton	Pallet	
GW 47 211	10/100	12800	955
GW 47 213	10/100	5000	955
GW 47 215	10/100	28000	955
GW 47 220	10/100	28000	955
GW 47 226	10/100	12800	955
GW 47 228	10/100	5000	955
GW 47 231	10/100	12800	955
GW 47 233	10/100	5000	955
GW 47 246	10/100	12800	955
GW 47 248	10/100	5000	955
GW 47 251	1/10	480	829
GW 47 252	1/10	120	829
GW 47 253	1/10	180	829
GW 47 261	1/5	15	842
GW 47 262	1/5	15	842
GW 47 263	1/5	15	828
GW 47 277	1/5	35	842
GW 47 278	1/5	35	842
GW 47 279	1/5	35	842
GW 47 280	1/5	35	842
GW 47 291	10	800	830
GW 47 291	10	800	845
GW 47 291	10	800	867
GW 47 291	10	800	891
GW 47 291	10	800	931
GW 47 291	10	800	1230
GW 47 472	1/10	960	893
GW 47 473	1/10	120	893
GW 47 491	1/10	3120	895
GW 47 492	1	312	934
GW 47 494	1	312	871
GW 47 494	1	312	895
GW 47 601	1	32	958
GW 47 602	1	20	958
GW 47 637	1	100	963
GW 47 651	1	500	965
GW 47 652	1	500	965
GW 47 653	1	500	965
GW 47 654	1	500	965
GW 47 655	1	50	965
GW 47 656	1	40	965
GW 47 691	1/5	200	867
GW 47 691	1/5	200	891
GW 47 691	1/5	200	932
GW 47 692	1/5	125	867
GW 47 692	1/5	125	891
GW 47 692	1/5	125	932
GW 47 693	1/5	50	867
GW 47 693	1/5	50	891
GW 47 693	1/5	50	932
GW48			
GW 48 001	162	4050	1389
GW 48 002	114	2850	1389
GW 48 003	84	2100	1389
GW 48 004	64	1600	1389
GW 48 005	49	980	1389
GW 48 006	34	850	1389
GW 48 006 P	70	840	1340
GW 48 006 P	70	840	1390
GW 48 006 PM	1/30	750	1339
GW 48 007	22	440	1389
GW 48 007 P	60	720	1340
GW 48 007 P	60	720	1390

Code	Quantity		Page
	Pack/carton	Pallet	
GW 48 007 PM	1/21	420	1339
GW 48 008	17	340	1389
GW 48 008 P	50	800	1340
GW 48 008 P	50	800	1390
GW 48 008 PM	1/14	350	1339
GW 48 009	17	272	1389
GW 48 009 P	40	360	1340
GW 48 009 P	40	360	1390
GW 48 009 PM	1/12	144	1339
GW 48 010	9	180	1389
GW 48 010 P	30	270	1390
GW 48 011	5	125	1389
GW 48 011 P	25	175	1390
GW 48 012	50/300	16200	1340
GW 48 012	50/300	16200	1390
GW 48 013	10/120	6480	1390
GW 48 014	10/100	6400	1390
GW 48 015	10/100	5000	1390
GW 48 016	10/100	4000	1390
GW 48 017	10/100	3600	1340
GW 48 017	10/100	3600	1390
GW 48 018	10/80	2400	1340
GW 48 018	10/80	2400	1390
GW 48 019	10/40	1600	1340
GW 48 019	10/40	1600	1390
GW 48 020	10/40	360	1340
GW 48 020	10/40	360	1390
GW 48 021	10/30	720	1390
GW 48 022	10/20	220	1390
GW 48 023	300/4200	0	1341
GW 48 023	300/4200	0	1391
GW 48 024	10/200	5600	1398
GW 48 026	5/25	700	1373
GW 48 026	5/25	700	1398
GW 48 051	10	3120	1340
GW 48 051	10	3120	1390
GW 48 084	1/10	280	1391
GW 48 085	1/8	128	1391
GW 48 086	1/10	180	1341
GW 48 086	1/10	180	1391
GW 48 087	1/5	90	1341
GW 48 087	1/5	90	1391
GW 48 088	1/5	55	1341
GW 48 088	1/5	55	1391
GW 48 126 PM	1/30	360	1339
GW 48 207	8	200	1394
GW 48 207 PM	8	128	1344
GW 48 211	6	120	1394
GW 48 211 PM	6	96	1344
GW 48 227	4	100	1394
GW 48 231	4	64	1394
GW 48 247	1/15	420	1344
GW 48 247	1/15	420	1395
GW 48 251	1/10	200	1344
GW 48 251	1/10	200	1395
GW 48 267	1/10	80	1344
GW 48 267	1/10	80	1395
GW 48 271	1/5	100	1344
GW 48 271	1/5	100	1395
GW 48 611	1/70	490	1400
GW 48 612	1/25	500	1400
GW 48 613	1/40	240	1400
GW 48 621	1/30	810	1400
GW 48 622	1/20	540	1400