JUNCTION BOXES



TECHNICAL SPECIFICATION

Particularly strong design to grant the right rigidity also on rough or irregular walls

Integrated hinges for an easy and quick installation

The back plates, the din rails and the brass terminal blocks can be mounted very easily thanks to the proper guides



A draining hole can be easily made in the box wall

Soft stepped glands perfectly fitting to the box and easy to cut

Anticorrosive steel screws or quick-closing ¼ turn plastic screws

Lid with integrated gasket

The wall mounting junction boxes are manufactured both with thermoresistant halogen free raw material and with self-extinguishing (V0 according to the Standard UL94) raw material. With 175 items, divided in different series, the range of the wall mounting boxes fulfils any distribution or derivation need the installer has: stepped glands or smooth-sides, solid or clear covers, low or high covers, steel or plastic screws. The boxes made of self-extinguishing ABS with a high resistance to abnormal heat (960° C) is suitable for the heaviest applications and, in the red version, can be used in fire and security systems.
The polycarbonate boxes offer the installers the ideal solution for their specific and particular applications.
The boxes can be installed very easily and quickly thanks to the accessories supplied with the box or available as fittings.
The high mechanical strength protects the wiring devices and equipments in the outdoor installations, in industrial and domestic applications.
The range also includes the boxes suitable for electrical devices like GW systems, Magic or similar ones.

POLYETHYLENE CABLE JUNCTION BOX - **IP55**



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 411C1	GC	PCS	80x33x38 - 6 entries cable Ø 7-9 mm	1/
EC 411C2	GC	PCS	65x65x32 - 7 entries cable Ø 8-14 mm	1/
EC 411C3	GC	PCS	75x75x35 - 12 entries cable Ø 8-14 mm	1/
EC 411C4	GC	PCS	90x90x35 - 16 entries cable Ø 8-14 mm	1/

JUNCTION BOX WITH STEPPED GLANDS - **IP44**



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 400C1	GC	PCS	Ø 65x35	5/120
EC 400C2	GC	PCS	Ø 80x40	5/150
EC 400C3	GC	PCS	80x80x40	5/160
EC 400C1A	GC	PCS	Ø 65x35 - GWT 960°	5/120
EC 400C2A	GC	PCS	Ø 80x40 - GWT 960°	5/150
EC 400C3A	GC	PCS	80x80x40 - GWT 960°	5/160

JUNCTION BOX WITH STEPPED GLANDS - **IP55**



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 400C4	GC	PCS	100x100x50	1/90
EC 400C4R	GC	PCS	120x80x50	1/90
EC 400C5	GC	PCS	150x110x70	1/45
EC 400C6	GC	PCS	190x140x70	1/25
EC 400C7	GC	PCS	240x190x90	1/14
EC 400C8	GC	PCS	300x220x120	1/6
EC 400C9	GC	PCS	380x300x120	1/4
EC 400C10	GC	PCS	460x380x120	1/4
EC 400C4A	GC	PCS	100x100x50 - GWT 960°	1/90
EC 400C4RA	GC	PCS	120x80x50 - GWT 960°	1/90
EC 400C5A	GC	PCS	150x110x70 - GWT 960°	1/45
EC 400C6A	GC	PCS	190x140x70 - GWT 960°	1/25
EC 400C7A	GC	PCS	240x190x90 - GWT 960°	1/14
EC 400C8A	GC	PCS	300x220x120 - GWT 960°	1/6
EC 400C9A	GC	PCS	380x300x120 - GWT 960°	1/4
EC 400C10A	GC	PCS	460x380x120 - GWT 960°	1/4

SMOOTH SIDED JUNCTION BOX - **IP56**



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 410C4	GC	PCS	100x100x50	1/100
EC 410C4R	GC	PCS	120x80x50	1/100
EC 410C5	GC	PCS	150x110x70	1/42
EC 410C6	GC	PCS	190x140x70	1/24
EC 410C7	GC	PCS	240x190x90	1/16
EC 410C8	GC	PCS	300x220x120	1/6
EC 410C9	GC	PCS	380x300x120	1/4
EC 410C10	GC	PCS	460x380x120	1/4
EC 410C4A	GC	PCS	100x100x50 - GWT 960°	1/100
EC 410C4RA	GC	PCS	120x80x50 - GWT 960°	1/100
EC 410C5A	GC	PCS	150x110x70 - GWT 960°	1/42
EC 410C6A	GC	PCS	190x140x70 - GWT 960°	1/24
EC 410C7A	GC	PCS	240x190x90 - GWT 960°	1/16
EC 410C8A	GC	PCS	300x220x120 - GWT 960°	1/6
EC 410C9A	GC	PCS	380x300x120 - GWT 960°	1/4
EC 410C10A	GC	PCS	460x380x120 - GWT 960°	1/4

COLOURS: **B**=WHITE RAL 9001, **GC**=GREY RAL 7035, **R**=RED RAL 3000, **N**=BLACK, **AR**=ORANGE, **G**=YELLOW, **BL**=BLUE

SMOOTH SIDED JUNCTION BOX - TRANSPARENT LID - **IP56**



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 420C5	GC	PCS	150x110x70	1/42
EC 420C6	GC	PCS	190x140x70	1/24
EC 420C7	GC	PCS	240x190x90	1/16
EC 420C8	GC	PCS	300x220x120	1/6
EC 420C9	GC	PCS	380x300x120	1/4
EC 420C10	GC	PCS	460x380x120	1/4

SMOOTH SIDED JUNCTION BOX - HIGH LID - IP56



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 430C5	GC	PCS	150x110x140	1/18
EC 430C6	GC	PCS	190x140x140	1/16
EC 430C7	GC	PCS	240x190x160	1/8
EC 430C8	GC	PCS	300x220x180	1/4
EC 430C9	GC	PCS	380x300x180	1/3

SMOOTH SIDED JUNCTION BOX - HIGH TRANSPARENT LID - IP56



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 440C5	GC	PCS	150x110x140	1/18
EC 440C6	GC	PCS	190x140x140	1/16
EC 440C7	GC	PCS	240x190x160	1/8
EC 440C8	GC	PCS	300x220x180	1/4
EC 440C9	GC	PCS	380x300x180	1/3

SMOOTH SIDED JUNCTION BOX - IP56 - 120°C



120° polycarbonate

ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 480C4	GC	PCS	100x100x50	1/100
EC 480C4R	GC	PCS	120x80x50	1/100
EC 480C5	GC	PCS	150x110x70	1/42
EC 480C6	GC	PCS	190x140x70	1/24
EC 480C7	GC	PCS	240x190x90	1/16
EC 480C8	GC	PCS	300x220x120	1/6
EC 480C9	GC	PCS	380x300x120	1/4
EC 480C10	GC	PCS	460x380x120	1/4

SMOOTH SIDED JUNCTION BOX - HIGH LID - IP56 - 120°C



120° polycarbonate

ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 490C5	GC	PCS	150x110x140	1/18
EC 490C6	GC	PCS	190x140x140	1/16
EC 490C7	GC	PCS	240x190x160	1/8
EC 490C8	GC	PCS	300x220x180	1/4
EC 490C9	GC	PCS	380x300x180	1/3

METAL BACK PLATE



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 450P6		PCS	190x140	1/30
EC 450P7		PCS	240x190	1/30
EC 450P8		PCS	300x220	1/20
EC 450P9		PCS	380x300	1/10
EC 450P10		PCS	460x380	1/10

INSULATING PLASTIC BACK PLATE



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 451P6		PCS	190x140	1/30
EC 451P7		PCS	240x190	1/30
EC 451P8		PCS	300x220	1/20
EC 451P9		PCS	380x300	1/10
EC 451P10		PCS	460x380	1/10

DIN RAILS EN 50022 FOR JUNCTION BOXES



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 460D5		PCS	150x110	10
EC 460D6		PCS	190x140	10
EC 460D7		PCS	240x190	10
EC 460D8		PCS	300x220	10
EC 460D9		PCS	380x300	10
EC 460D10		PCS	460x380	10

PLASTIC STEPPED GLAND



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 47020	GC	PCS	concentric - hole Ø 23	100/800
EC 47025	GC	PCS	concentric - hole Ø 29	100/600
EC 47032	GC	PCS	concentric - hole Ø 37	100/500
EC 47040	GC	PCS	concentric - hole Ø 48	100/300
EC 47025S	GC	PCS	direct inlet - hole Ø 29	100/600

SCREW HEAD CAPS FOR DOUBLE INSULATION



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC TFLEX13	GC	PCS	caps for C1-C2-C3-C4	100/2000
EC TFLEX18	GC	PCS	caps for C5-C6-C7-C8	100/2000
EC TFLEX25	GC	PCS	caps for C9-C10	100/1500

PLASTIC BRACKET



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 600SF	GC	PCS	plastic bracket to keep IP-protection and double insulation - for all boxes series 400/410/420/430/440/480/490 - dimensions C6-C7-C8-C9-C10	50

SPARE SCREWS



EC 400KV1		PCS	10 screws for C4-C5-C6	10
EC 400KV2		PCS	10 screws for C7	10
EC 400KV3		PCS	10 screws for C8-C9-C10	10

COLOURS: **B**=WHITE RAL 9001, **GC**=GREY RAL 7035, **R**=RED RAL 3000, **N**=BLACK, **AR**=ORANGE, **G**=YELLOW, **BL**=BLUE

NEW

1/4 TURN PLASTIC SCREWS

JUNCTION BOX WITH CABLE DIRECT INLET - **IP55**



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 401C4	GC	PCS	105x105x55	1/60
EC 401C5	GC	PCS	155x110x70	1/45
EC 401C4A	GC	PCS	105x105x55 - GWT 960°	1/60
EC 401C5A	GC	PCS	155x110x70 - GWT 960°	1/45

JUNCTION BOX WITH STEPPED GLANDS - **IP55**



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 405C4	GC	PCS	105x105x55	1/60
EC 405C5	GC	PCS	155x110x70	1/45
EC 405C4A	GC	PCS	105x105x55 - GWT 960°	1/60
EC 405C5A	GC	PCS	155x110x70 - GWT 960°	1/45

SMOOTH SIDED JUNCTION BOX - **IP56**



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 415C4	GC	PCS	105x105x55	1/80
EC 415C5	GC	PCS	155x110x70	1/42
EC 415C4A	GC	PCS	105x105x55 - GWT 960°	1/80
EC 415C5A	GC	PCS	155x110x70 - GWT 960°	1/42

RED JUNCTION BOX WITH CABLE DIRECT INLET - **IP55** - V0 - 960°C



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 407C4A	R	PCS	105x105x55	1/60
EC 407C5A	R	PCS	155x110x70	1/45

RED JUNCTION BOX WITH STEPPED GLANDS - **IP55** - V0 - 960°C



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 406C4A	R	PCS	105x105x55	1/60
EC 406C5A	R	PCS	155x110x70	1/45

RED SMOOTH SIDED JUNCTION BOX - **IP56** - V0 - 960°C



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 416C4A	R	PCS	105x105x55	1/80
EC 416C5A	R	PCS	155x110x70	1/42

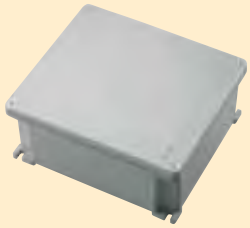
COLOURS: **B**=WHITE RAL 9001, **GC**=GREY RAL 7035, **R**=RED RAL 3000, **N**=BLACK, **AR**=ORANGE, **G**=YELLOW, **BL**=BLUE

ALVEOLAR BOARD WITH REVERSIBLE DOOR



ITEM	COLOUR	UM	DESCRIPTION EXTERNAL DIMENSIONS	PACK-AGING
EC 65001	GC	PCS	200x150x40	1/20
EC 65002	GC	PCS	200x150x60	1/40
EC 65003	GC	PCS	200x150x80	1/28
EC 65004	GC	PCS	300x200x40	1/30
EC 65005	GC	PCS	300x200x60	1/16
EC 65006	GC	PCS	300x200x80	1/12
EC 65007	GC	PCS	300x200x120	1/8
EC 65008	GC	PCS	400x300x60	1/8
EC 65009	GC	PCS	400x300x80	1/6
EC 65010	GC	PCS	400x300x120	1/4

ALUMINIUM WALL MOUNTING JUNCTION BOXES - **IP66**



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 485C1		PCS	90x90x53	1/32
EC 485C2		PCS	128x103x55	1/24
EC 485C3		PCS	154x129x58	1/16
EC 485C4		PCS	178x155x74	1/18
EC 485C5		PCS	239x202x85	1/8
EC 485C6		PCS	294x244x114	1/2
EC 485C7		PCS	392x298x144 (IP55)	1/2

METAL BACK PLATE FOR ALUMINIUM JUNCTION BOXES



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 455P2		PCS	122x97	1/30
EC 455P3		PCS	147x123	1/30
EC 455P4		PCS	165x124	1/30
EC 455P5		PCS	206x172	1/20
EC 455P6		PCS	254x210	1/10
EC 455P7		PCS	349x260	1/10

DIN RAILS EN 50022 FOR ALUMINIUM JUNCTION BOXES



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 465D1		PCS	90x90	10
EC 465D2		PCS	128x103	10
EC 465D3		PCS	154x129	10
EC 465D4		PCS	178x155	10
EC 465D5		PCS	239x202	10
EC 465D6		PCS	294x244	10
EC 465D7		PCS	392x298	10

WARNING LIGHT



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 320B		PCS	blue colour	1/30
EC 320G		PCS	yellow colour	1/30
EC 320R		PCS	red colour	1/30
EC 320T		PCS	transparent colour	1/30
EC 320V		PCS	green colour	1/30

SELF-SUPPORTING PROTECTING COVER FOR ELECTRICAL DEVICES GW SYSTEM, MAGIC OR SIMILAR - **IP55**



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 316B	B	PCS	white - 3 devices	1/40
EC 316G	GC	PCS	grey - 3 devices	1/40
EC 316N	N	PCS	anthracit - 3 devices	1/40

WALL BOX FOR ELECTRICAL DEVICES GW SYSTEM, MAGIC OR SIMILAR - **IP40**



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 300A1	GC	PCS	1 device	1/60
EC 300A2	GC	PCS	2 devices	1/60
EC 300A3	GC	PCS	3 devices	1/40
EC 300A4	GC	PCS	4 devices	1/30
EC 300A4V	GC	PCS	4 vertical devices	1/25
EC 300A6	GC	PCS	6 devices	1/20
EC 300A6V	GC	PCS	6 vertical devices	1/18

WALL BOX FOR ELECTRICAL DEVICES GW SYSTEM, MAGIC OR SIMILAR - **IP55**



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 310A1	GC	PCS	1 device	1/50
EC 310A2	GC	PCS	2 devices	1/50
EC 310A3	GC	PCS	3 devices	1/35
EC 310A4	GC	PCS	4 devices	1/25
EC 310A4V	GC	PCS	4 vertical devices	1/20
EC 310A6V	GC	PCS	6 vertical devices	1/15

COLOURS: **B**=WHITE RAL 9001, **GC**=GREY RAL 7035, **R**=RED RAL 3000, **N**=BLACK, **AR**=ORANGE, **G**=YELLOW, **BL**=BLUE

NEW

FLUSH MOUNTING JUNCTION BOX WITH COVER - IP40



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 350C1	B	PCS	92x92x45	1/240
EC 350C2	B	PCS	120x100x50	1/150
EC 350C3	B	PCS	120x100x70	1/100
EC 350C4	B	PCS	152x100x70	1/80
EC 350C5	B	PCS	160x130x70	1/60
EC 350C6	B	PCS	196x152x70	1/40
EC 350C7	B	PCS	294x152x70	1/28
EC 350C8	B	PCS	392x152x70	1/20
EC 350C9	B	PCS	480x160x70	1/18

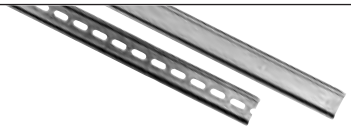
FLUSH MOUNTING JUNCTION BOX WITH COVER AND PROTECTION LID - **IP40**



ITEM	COLOUR	UM	DESCRIPTION INTERNAL DIMENSIONS	PACK-AGING
EC 350C1P	B	PCS	92x92x45	1/120
EC 350C2P	B	PCS	120x100x50	1/90
EC 350C3P	B	PCS	120x100x70	1/70
EC 350C4P	B	PCS	152x100x70	1/80
EC 350C5P	B	PCS	160x130x70	1/60
EC 350C6P	B	PCS	196x152x70	1/40
EC 350C7P	B	PCS	294x152x70	1/28
EC 350C8P	B	PCS	392x152x70	1/20
EC 350C9P	B	PCS	480x160x70	1/18

SPARE COVERS FOR FLUSH MOUNTING BOX SERIES 350

ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 351C1	B	PCS	92x92	1/200
EC 351C3	B	PCS	120x100	1/150
EC 351C4	B	PCS	152x100	1/120
EC 351C5	B	PCS	160x130	1/100
EC 351C6	B	PCS	196x152	1/50
EC 351C7	B	PCS	294x152	1/50
EC 351C8	B	PCS	392x152	1/50
EC 351C9	B	PCS	480x160	1/30

ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
INTERNAL SEPARATOR 				
EC 3500S		PCS	internal separator from C4 up to C9	10/100
DIN RAILS EN 50022 				
EC 460		PCS	35x7,5x1 - 2 mt	20
EC 46015		PCS	35x15x1,5 - 2 mt	20
EC 460F		PCS	35x7,5x1 - 2 mt perforated	20

ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
INSULATED BRASS TERMINAL BLOCK TO BE SET ON DIN EN 50022 RAIL 				
EC 890050		PCS	1x35+6x16-blue	10/340
EC 890051		PCS	1x35+1x25+10x16-blue	10/320
EC 890052		PCS	1x35+2x25+12x16-blue	10/240
EC 890053		PCS	1x35+6x16-green	10/340
EC 890054		PCS	1x35+1x25+10x16-green	10/320
EC 890055		PCS	1x35+2x25+12x16-green	10/240
EC 890056		PCS	1x35+6x16-black	10/340
EC 890057		PCS	1x35+1x25+10x16-black	10/320
EC 890058		PCS	1x35+2x25+12x16-black	10/240

COLOURS: **B**=WHITE RAL 9001, **GC**=GREY RAL 7035, **R**=RED RAL 3000, **N**=BLACK, **AR**=ORANGE, **G**=YELLOW, **BL**=BLUE

60x60 STANDARD MODULAR BOX FOR DEVICE



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 37301	AR	PCS	2 devices	300

MODULAR BOX FOR DEVICE - HIGH INTERNAL VOLUME



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 37100	G	PCS	3 devices	10/400
EC 37104	G	PCS	4 devices	10/240
EC 37106	G	PCS	6 devices	10/150
EC 37110	G	PCS	3 devices protection lid	10/400
EC 37114	G	PCS	4 devices protection lid	10/800
EC 37116	G	PCS	6 devices protection lid	10/800
EC 37111	G	PCS	plastic spacer	20/200

FLUSH MOUNTING ROUND BOXES



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 37065	AR	PCS	box Ø 60x40	10/600
EC 37085	AR	PCS	box Ø 80x40	10/400
EC 37160	B	PCS	screwless cover Ø 60	50/2000
EC 37165	B	PCS	cover with brackets Ø 60	50/800
EC 37180	B	PCS	screwless cover Ø 80	50/1200
EC 37185	B	PCS	cover with brackets Ø 80	50/600
EC 37322	AR	PCS	protection lid Ø 60	10/3000
EC 37323	AR	PCS	protection lid Ø 80	10/2000

DRY LINING INSTALLATION BOX - MODULAR DEVICES



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 34003	BL	PCS	3 devices	10/300
EC 34004	BL	PCS	4 devices	10/230
EC 34006	BL	PCS	6 devices	10/160
EC 34040	BL	PCS	Ø 68x40 - 2 devices	10/550

DRY LINING INSTALLATION JUNCTION BOXES



ITEM	COLOUR	UM	DESCRIPTION	PACK-AGING
EC 34045	BL	PCS	Ø 80x45	10/350
EC 37180	B	PCS	screwless cover Ø 80	50/1200
EC 37185	B	PCS	cover with brackets Ø 80	50/600
EC 340105	BL	PCS	120x100x50 - internal dimensions	1/150
EC 340106	BL	PCS	200x150x75 - internal dimensions	1/40