



 **Quitérios®**



GENERAL CATALOG 2024



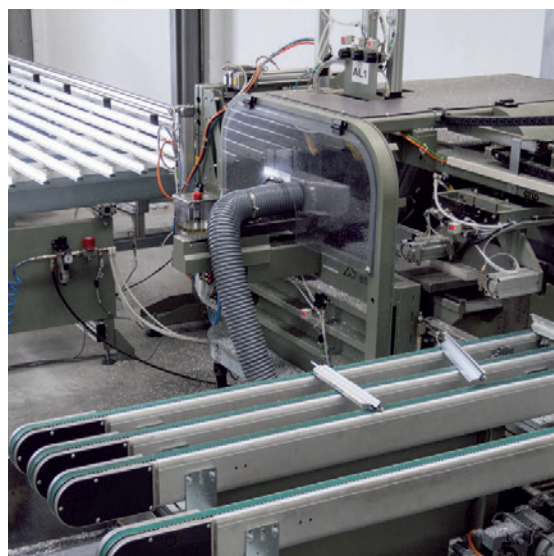
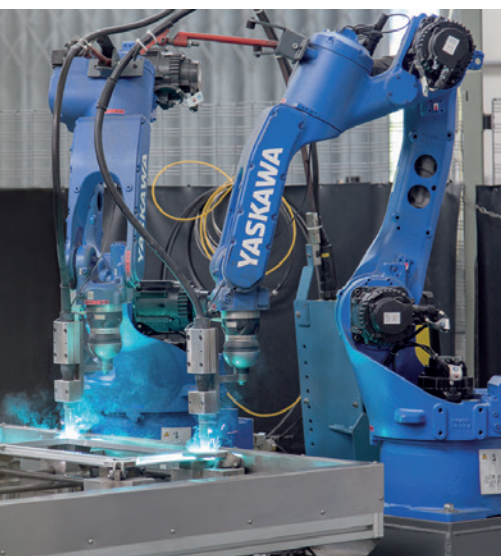
Quitérios®



Quitérios is a Portuguese company with more than 40 years experience in designing and manufacturing solutions for electrical and network distribution - distribution boards, vdi and racks - for household and commercial buildings.

As a market leader in its sector, with a wide network of customers that include the top electrical material wholesalers around the world, **Quitérios** has built its growth upon rigor, trust, dedication and loyalty to its partners.

Through its R&D department, centred on searching and developing new, complementary or alternative solutions, **Quitérios** has the most contributions to technological improvements of its sector.



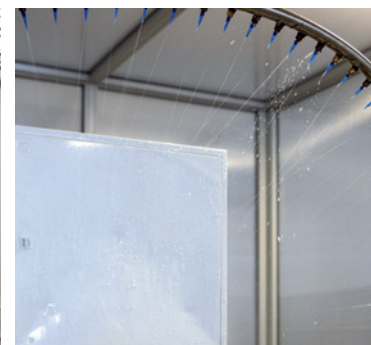


As an ISO 9001 Quality standard and NP4457 Innovation standard certified company, all processes, products and services obey to international quality regulations and standards.

Being present in many countries, **Quitérios'** products are the market's choice when it comes to quality, functionality, aesthetics and cutting-edge technology.

"We evolve with the clear sense that perfection is unattainable... but is always within reach."





LABORATORY

The demand of having an increased Quality control to emphasize the unequivocal Quality of its products, resulted in the construction of Quitérios' laboratory, able to evaluate, among others:

- ✓ Mechanical protection degree (IK)
- ✓ Solid particle protection degree (IP)
- ✓ Liquid ingress protection degree (IP)
- ✓ Resistance to corrosion
- ✓ Heat dissipation
- ✓ Glowing/ hot-wire
- ✓ Dielectric strength
- ✓ Heating limit

SURFACE TREATMENT AND COATING

- ✓ Surface treatment with advanced technology, ensuring total corrosion resistance and high coat adhesion.
- ✓ Thermosetting powder coating with polyester resins.
- ✓ High resistance in outdoor applications.
- ✓ Glossy finish, with remarkable color stability.
- ✓ Environment preservation through wastewater treatment processes (WWTP).



Quitérios®

NEW WEBSITE

www.quiterios.com

EASY NAVIGATION

FUNCTIONAL AND EFFECTIVE

COMPLETE

MULTILINGUAL



The updated version of Quitérios website allows a more effective experience throughout the entire navigation, since it provides all the essential information, per code, for all our products:

- ✓ Technical Datasheet
- ✓ Assembly Instructions
- ✓ CE Declarations
- ✓ CAD Files
- ✓ BIM Objects
- ✓ Product Images

Additionally, the new website allows you to create a shopping list, and it is also prepared to establish a direct contact with QUITÉRIOS.





INDEX

ELECTRICAL DISTRIBUTION

08

SAFETYMAX® DISTRIBUTION BOARDS

16 UP TO 168 MODULES CAPACITY
CLASS II INSULATION
90, 125 AND 200mm DEPTHS
ACCESSORIES



24

SAFETYMAXPRO DISTRIBUTION BOARDS WITH INCREASED SPACE BETWEEN DIN RAILS

80 UP TO 120 MODULES CAPACITY
CLASS II INSULATION
125 AND 200mm DEPTHS
ACCESSORIES

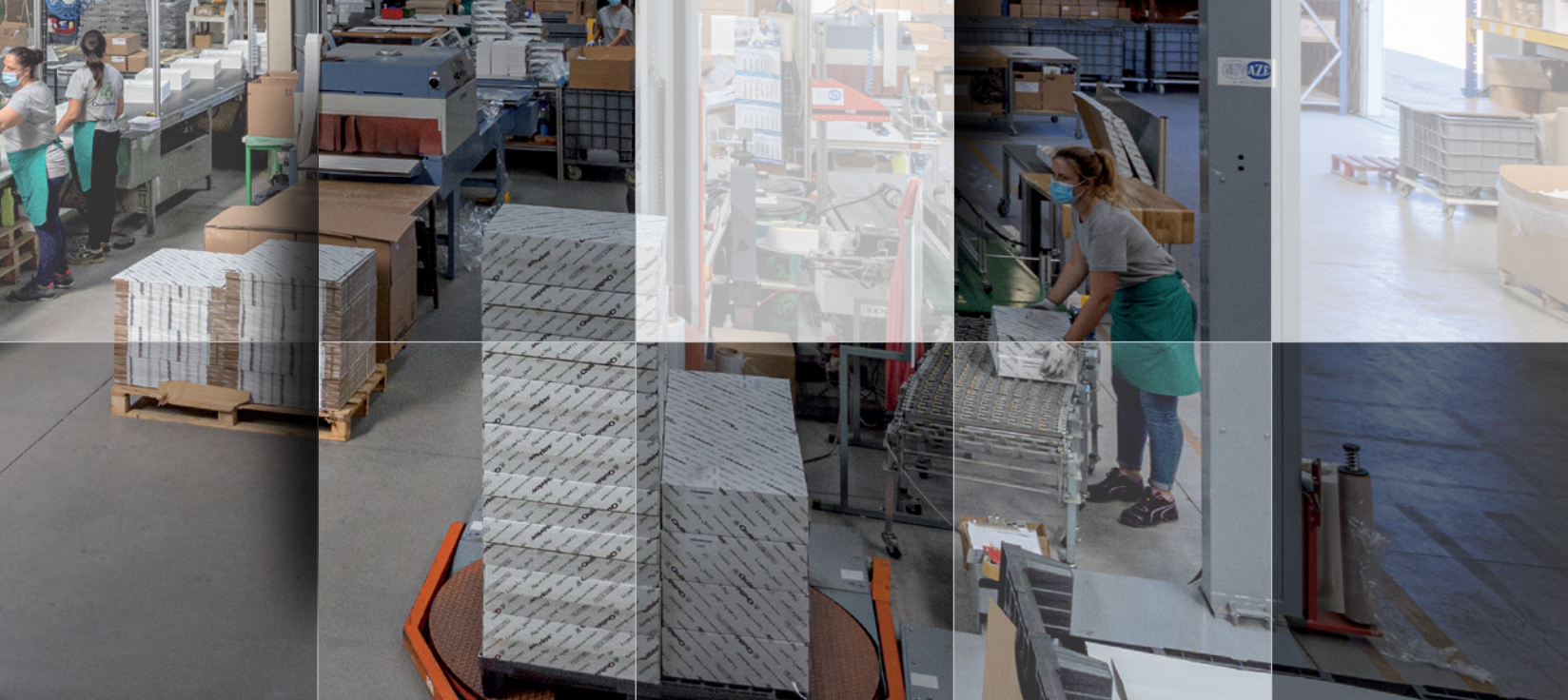


34

MONDEGO® IP65 DISTRIBUTION ENCLOSURES

4, 8, 12, 18, 24, 36 AND 48 MODULES
CLASS II INSULATION
ACCESSORIES





TELECOMMUNICATION DISTRIBUTION



VDI_RACK®

RACK TYPE SOLUTIONS FOR VOICE, DATA AND IMAGE DISTRIBUTION
FOR HOUSING AND COMMERCIAL INSTALLATION

VDI_RACK® ENCLOSURES
COAXIAL; COPPER PAIR AND OPTICAL FIBER PANELS
ACCESSORIES

40



RAQUITED®

RACK SOLUTIONS FOR TELECOMMUNICATIONS

19" AND 10" RACKS
19" AND 10" PANELS FOR COAXIAL; COPPER PAIR AND OPTICAL FIBER
ACCESSORIES

50

DOCUMENTATION



TECHNICAL FEATURES

62





safetymax[®] 

- 12** DISTRIBUTION BOARDS D90 - 16 to 71 MD
- 14** DISTRIBUTION BOARDS D125 - 16 to 72 MD
- 16** DISTRIBUTION BOARDS FM D125 and D200 - 60 to 168 MD
- 18** DISTRIBUTION BOARDS SM D125 and D200 - 60 to 168 MD
- 20** ACCESSORIES



- ✓ **Class II Insulation Distribution Boards** with aluminum frame and door for **16 up to 168 DIN rail modules** capacity.
- ✓ Enclosures with **90mm, 125mm and 200mm** depths.
- ✓ Available for **Surface (SM)** and **Flush Mounted (FM)** applications, **Safetymax®** distribution boards ensure **IP54 and IK07** grades of protection.
- ✓ The **Surface Mounted (SM)** enclosures with **750mm, 875mm and 1000mm height** are manufactured with a **metal cover - Mechanical Reinforcement** - which increases its resistance and stability and ensures a mechanical protection degree of **IK09**.
- ✓ It allows a perfect **horizontal or vertical assembly** between enclosures.



NEW WEBSITE

Check out the technical information for all product codes, at **quiterios.com**:

- ✓ Technical Datasheet
- ✓ Assembly Instructions
- ✓ CE Declarations
- ✓ CAD Files
- ✓ BIM Objects
- ✓ Product Images

CHECK THE ADVANTAGES:



- 1 Class II Insulation enclosure
- 2 Aluminum frame and door
- 3 Modular panels
- 4 Removable chassis in aluminum
- 5 Easy access to insulated busbars
- 6 Surface Mounted enclosures with 750, 875 and 1000mm height manufactured with a metal cover (IK09)

ACCESSORIES AND COMPLEMENTS:



Installation kit

Insulated busbars; circuit marking labels; blanking plate to cover the empty modules.



Metallic Reinforcement kit

Metallic cover kit for D125 surface mounted (SM) enclosures with 375mm and 500mm height, which ensures an **IK09** protection degree.



video



Circuit identification

Editable file for circuits identification available at quiterios.com. Plastic label holders and document holder as additional accessories.



video



Easy to Assemble

Assemble the SAFETymax® Distribution Board with the VDI_RACK® and get a perfect final solution.



- ✓ Enclosures with 90mm depth
- ✓ 16 up to 71 modules capacity
- ✓ Surface and Flush Mounted applications
- ✓ White lacquered aluminum frame and door
- ✓ Supplied with insulated neutral and earth busbars, circuit marking labels and blanking plate to cover the empty modules
- ✓ Class II Insulation
- ✓ IP54 and IK07



solutions



video



CODE	DESIGNATION	W x H x D (mm)
+32810	DISTRIBUTION ENCLOSURE (2x8) 16md D90 FM	250x375x90
+32860	DISTRIBUTION ENCLOSURE (2x8) 16md D90 SM	250x375x90



CODE	DESIGNATION	W x H x D (mm)
+32814	CAJA DISTRIBUCIÓN (2x8+1x7) 23md P90 EMP	250x500x90
+32864	CAJA DISTRIBUCIÓN (2x8+1x7) 23md P90 SUP	250x500x90



CODE	DESIGNATION	W x H x D (mm)
+32816	DISTRIBUTION ENCLOSURE (2x12) 24md D90 FM	325x375x90
+32866	DISTRIBUTION ENCLOSURE (2x12) 24md D90 SM	325x375x90



CODE	DESIGNATION	W x H x D (mm)
+32818	DISTRIBUTION ENCLOSURE (2x16) 32md D90 FM	400x375x90
+32868	DISTRIBUTION ENCLOSURE (2x16) 32md D90 SM	400x375x90

CODE	DESIGNATION	W x H x D (mm)
+32820	DISTRIBUTION ENCLOSURE (2x12+1x11) 35md D90 FM	325x500x90
+32870	DISTRIBUTION ENCLOSURE (2x12+1x11) 35md D90 SM	325x500x90



CODE	DESIGNATION	W x H x D (mm)
+32822	DISTRIBUTION ENCLOSURE (2x20) 40md D90 FM	475x375x90
+32872	DISTRIBUTION ENCLOSURE (2x20) 40md D90 SM	475x375x90



CODE	DESIGNATION	W x H x D (mm)
+32826	DISTRIBUTION ENCLOSURE (2x16+1x15) 47md D90 FM	400x500x90
+32876	DISTRIBUTION ENCLOSURE (2x16+1x15) 47md D90 SM	400x500x90



CODE	DESIGNATION	W x H x D (mm)
+32830	DISTRIBUTION ENCLOSURE (2x24) 48md D90 FM	550x375x90
+32880	DISTRIBUTION ENCLOSURE (2x24) 48md D90 SM	550x375x90



CODE	DESIGNATION	W x H x D (mm)
+32834	DISTRIBUTION ENCLOSURE (2x20+1x19) 59md D90 FM	475x500x90
+32884	DISTRIBUTION ENCLOSURE (2x20+1x19) 59md D90 SM	475x500x90



CODE	DESIGNATION	W x H x D (mm)
+32838	DISTRIBUTION ENCLOSURE (2x24+1x23) 71md D90 FM	550x500x90
+32888	DISTRIBUTION ENCLOSURE (2x24+1x23) 71md D90 SM	550x500x90





- ✓ Enclosures with 125mm depth
- ✓ 16 up to 72 modules capacity
- ✓ Surface and Flush Mounted applications
- ✓ White lacquered aluminum frame and door
- ✓ Supplied with insulated neutral and earth busbars, circuit marking labels and blanking plate to cover the empty modules
- ✓ With flat plastic handle lock (cod. 0021008)
- ✓ Class II Insulation
- ✓ IP54 and IK07 (IK09 with the Reinforcement Kit)



CODE	DESIGNATION	W x H x D (mm)
+330	DISTRIBUTION ENCLOSURE (2x8) 16md D125 FM	250x375x125
+353*	DISTRIBUTION ENCLOSURE (2x8) 16md D125 SM	250x375x125

***Accessory:** Mechanical Reinforcement Kit for surface mounted enclosures (cod. 0022012) increasing the mechanical protection degree to IK09.



CODE	DESIGNATION	W x H x D (mm)
+333	DISTRIBUTION ENCLOSURE (3x8) 24md D125 FM	250x500x125
+356*	DISTRIBUTION ENCLOSURE (3x8) 24md D125 SM	250x500x125

***Accessory:** Mechanical Reinforcement Kit for surface mounted enclosures (cod. 0022018) increasing the mechanical protection degree to IK09.



CODE	DESIGNATION	W x H x D (mm)
+334	DISTRIBUTION ENCLOSURE (2x12) 24md D125 FM	325x375x125
+357*	DISTRIBUTION ENCLOSURE (2x12) 24md D125 SM	325x375x125

***Accessory:** Mechanical Reinforcement Kit for surface mounted enclosures (cod. 0022021) increasing the mechanical protection degree to IK09.



CODE	DESIGNATION	W x H x D (mm)
+336	DISTRIBUTION ENCLOSURE (2x16) 32md D125 FM	400x375x125
+359*	DISTRIBUTION ENCLOSURE (2x16) 32md D125 SM	400x375x125

***Accessory:** Mechanical Reinforcement Kit for surface mounted enclosures (cod. 0022024) increasing the mechanical protection degree to IK09.

CODE	DESIGNATION	W x H x D (mm)
+337	DISTRIBUTION ENCLOSURE (3x12) 36md D125 FM	325x500x125
+360*	DISTRIBUTION ENCLOSURE (3x12) 36md D125 SM	325x500x125



***Accessory:** Mechanical Reinforcement Kit for surface mounted enclosures (cod. 0022023) increasing the mechanical protection degree to IK09.

CODE	DESIGNATION	W x H x D (mm)
+338	DISTRIBUTION ENCLOSURE (2x20) 40md D125 FM	475x375x125
+361*	DISTRIBUTION ENCLOSURE (2x20) 40md D125 SM	475x375x125



***Accessory:** Mechanical Reinforcement Kit for surface mounted enclosures (cod. 0022036) increasing the mechanical protection degree to IK09.

CODE	DESIGNATION	W x H x D (mm)
+340	DISTRIBUTION ENCLOSURE (2x24) 48md D125 FM	550x375x125
+363*	DISTRIBUTION ENCLOSURE (2x24) 48md D125 SM	550x375x125



***Accessory:** Mechanical Reinforcement Kit for surface mounted enclosures (cod. 0022048) increasing the mechanical protection degree to IK09.

CODE	DESIGNATION	W x H x D (mm)
+342	DISTRIBUTION ENCLOSURE (3x16) 48md D125 FM	400x500x125
+365*	DISTRIBUTION ENCLOSURE (3x16) 48md D125 SM	400x500x125



***Accessory:** Mechanical Reinforcement Kit for surface mounted enclosures (cod. 0022030) increasing the mechanical protection degree to IK09.

CODE	DESIGNATION	W x H x D (mm)
+344	DISTRIBUTION ENCLOSURE (3x20) 60md D125 FM	475x500x125
+367*	DISTRIBUTION ENCLOSURE (3x20) 60md D125 SM	475x500x125



***Accessory:** Mechanical Reinforcement Kit for surface mounted enclosures (cod. 0022042) increasing the mechanical protection degree to IK09.

CODE	DESIGNATION	W x H x D (mm)
+348	DISTRIBUTION ENCLOSURE (3x24) 72md D125 FM	550x500x125
+371*	DISTRIBUTION ENCLOSURE (3x24) 72md D125 SM	550x500x125



***Accessory:** Mechanical Reinforcement Kit for surface mounted enclosures (cod. 0022054) increasing the mechanical protection degree to IK09.



- ✓ Enclosures with 125mm and 200mm depths
- ✓ 60 up to 168 modules capacity
- ✓ Flush Mounted application
- ✓ White lacquered aluminum frame and door
- ✓ Supplied with insulated neutral and earth busbars, circuit marking labels and blanking plate to cover the empty modules
- ✓ With two flat plastic handle locks (cod. 0021008)
- ✓ Class II Insulation
- ✓ IP54 and IK07



solutions



video



CODE	DESIGNATION	W x H x D (mm)
+34906	DISTRIBUTION ENCLOSURE (5x12) 60md P125 FM	325x750x125



CODE	DESIGNATION	W x H x D (mm)
+34910	DISTRIBUTION ENCLOSURE (5x16) 80md D125 FM	400x750x125
+34912	DISTRIBUTION ENCLOSURE (5x16) 80md D200 FM	400x750x200



CODE	DESIGNATION	W x H x D (mm)
+34915	DISTRIBUTION ENCLOSURE (6x16) 96md D125 FM	400x875x125
+34917	DISTRIBUTION ENCLOSURE (6x16) 96md D200 FM	400x875x200



CODE	DESIGNATION	W x H x D (mm)
+34920	DISTRIBUTION ENCLOSURE (5x20) 100md D125 FM	475x750x125
+34922	DISTRIBUTION ENCLOSURE (5x20) 100md D200 FM	475x750x200

CODE	DESIGNATION	W x H x D (mm)
+34925	DISTRIBUTION ENCLOSURE (7x16) 112md D125 FM	400x1000x125
+34927	DISTRIBUTION ENCLOSURE (7x16) 112md D200 FM	400x1000x200



CODE	DESIGNATION	W x H x D (mm)
+34928	DISTRIBUTION ENCLOSURE (5x24) 120md D125 FM	550x750x125
+34929	DISTRIBUTION ENCLOSURE (5x24) 120md D200 FM	550x750x200



CODE	DESIGNATION	W x H x D (mm)
+34930	DISTRIBUTION ENCLOSURE (6x20) 120md D125 FM	475x875x125
+34932	DISTRIBUTION ENCLOSURE (6x20) 120md D200 FM	475x875x200



CODE	DESIGNATION	W x H x D (mm)
+34935	DISTRIBUTION ENCLOSURE (7x20) 140md D125 FM	475x1000x125
+34937	DISTRIBUTION ENCLOSURE (7x20) 140md D200 FM	475x1000x200

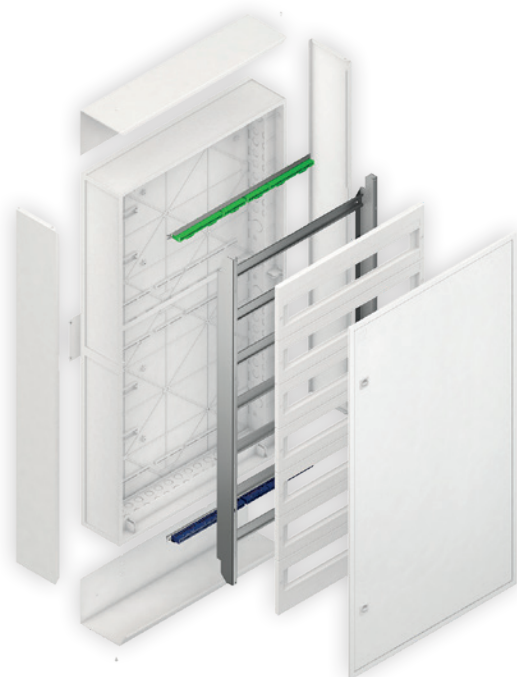


CODE	DESIGNATION	W x H x D (mm)
+34938	DISTRIBUTION ENCLOSURE (6x24) 144md D125 FM	550x875x125
+34939	DISTRIBUTION ENCLOSURE (6x24) 144md D200 FM	550x875x200



CODE	DESIGNATION	W x H x D (mm)
+34940	DISTRIBUTION ENCLOSURE (7x24) 168md D125 FM	550x1000x125
+34942	DISTRIBUTION ENCLOSURE (7x24) 168md D200 FM	550x1000x200





- ✓ Enclosures with 125mm and 200mm depth
- ✓ Surface mounted application manufactured with metal cover - Mechanical Reinforcement
- ✓ 60 up to 168 modules capacity
- ✓ Supplied with insulated neutral and earth busbars, circuit marking labels and blanking plate to cover the empty modules
- ✓ With two flat plastic handle locks (cod. 0021008)
- ✓ Class II Insulation
- ✓ IP54 and IK09



CODE	DESIGNATION	W x H x D (mm)
+37206	DISTRIBUTION ENCLOSURE (5x12) 60md P125 SM	325x750x125



CODE	DESIGNATION	W x H x D (mm)
+37210	DISTRIBUTION ENCLOSURE (5x16) 80md D125 SM	400x750x125
+37212	DISTRIBUTION ENCLOSURE (5x16) 80md D200 SM	400x750x200



CODE	DESIGNATION	W x H x D (mm)
+37215	DISTRIBUTION ENCLOSURE (6x16) 96md D125 SM	400x875x125
+37217	DISTRIBUTION ENCLOSURE (6x16) 96md D200 SM	400x875x200



CODE	DESIGNATION	W x H x D (mm)
+37220	DISTRIBUTION ENCLOSURE (5x20) 100md D125 SM	475x750x125
+37222	DISTRIBUTION ENCLOSURE (5x20) 100md D200 SM	475x750x200

CODE	DESIGNATION	W x H x D (mm)
+37225	DISTRIBUTION ENCLOSURE (7x16) 112md D125 SM	400x1000x125
+37227	DISTRIBUTION ENCLOSURE (7x16) 112md D200 SM	400x1000x200



CODE	DESIGNATION	W x H x D (mm)
+37228	DISTRIBUTION ENCLOSURE (5x24) 120md D125 SM	550x750x125
+37229	DISTRIBUTION ENCLOSURE (5x24) 120md D200 SM	550x750x200



CODE	DESIGNATION	W x H x D (mm)
+37230	DISTRIBUTION ENCLOSURE (6x20) 120md D125 SM	475x875x125
+37232	DISTRIBUTION ENCLOSURE (6x20) 120md D200 SM	475x875x200



CODE	DESIGNATION	W x H x D (mm)
+37235	DISTRIBUTION ENCLOSURE (7x20) 140md D125 SM	475x1000x125
+37237	DISTRIBUTION ENCLOSURE (7x20) 140md D200 SM	475x1000x200



CODE	DESIGNATION	W x H x D (mm)
+37238	DISTRIBUTION ENCLOSURE (6x24) 144md D125 SM	550x875x125
+37239	DISTRIBUTION ENCLOSURE (6x24) 144md D200 SM	550x875x200



CODE	DESIGNATION	W x H x D (mm)
+37240	DISTRIBUTION ENCLOSURE (7x24) 168md D125 SM	550x1000x125
+37242	DISTRIBUTION ENCLOSURE (7x24) 168md D200 SM	550x1000x200





0020504

0020508

CODE	DESIGNATION	QTT PACK
0020504	TRIANGULAR PLASTIC CAM LOCK + KEY D90	1
0020508	FLAT PLASTIC HANDLE LOCK D90	1



00206

0021008



0021208

0021204

CODE	DESIGNATION	QTT PACK
00206	TRIANGULAR PLASTIC CAM LOCK + KEY	1
0021008	FLAT PLASTIC HANDLE LOCK	1
0021204	CURVED CAM LOCK + TRIANGULAR KEY	1
0021208	CURVED CAM PLASTIC HANDLE LOCK	1



0020514/ 0020518

00213/ 002132

CODE	DESIGNATION	QTT PACK
0020514	METALLIC CAM LOCK DIFFERENT KEYS D90	1
0020518	METALLIC CAM LOCK IDENTICAL KEYS D90	1
00213	METALLIC CAM LOCK W/ DIFFERENT KEYS	1
002132	METALLIC CAM LOCK IDENTICAL KEYS	1

All locks of the 00213 and 0020514 codes have different set of cylinder and key.
All locks of the 002132 and 0020518 codes have the same set of cylinder and key.



00225

00226

CODE	DESIGNATION	QTT PACK
00225*	PLASTIC BOLT NUT FM	4
00226**	SCREW-NUT SM	4

* to assemble flush mounted enclosures

** to assemble surface mounted enclosures



0022720

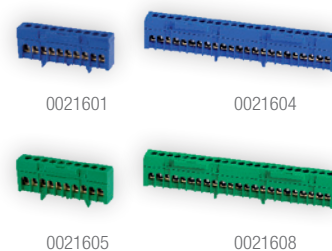
0022724

CODE	DESIGNATION	QTT PACK
0022720	PLASTIC SCREW F/ DIST ENCL LID	2
0022724	SEALABLE PLASTIC SCREW F/ F/ DIST ENCL LID	2

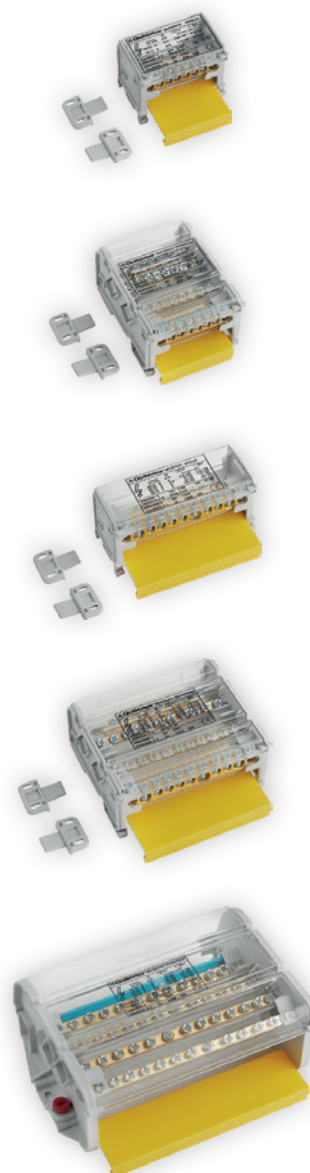


CODE	DESIGNATION	QTT PACK
002512	SCREW COVERS M6	4
002514	SCREW COVERS M8	4

CODE	DESIGNATION	QTT PACK
0021601	INSULATED NEUTRAL BUSBAR 10 CONNECT (1x25+9x16) BLUE	5
0021604	INSULATED NEUTRAL BUSBAR 23 CONNECT (11x16+12x10) BLUE	5
0021605	INSULATED EARTH BUSBAR 10 CONNECT (1x25+9x16) GREEN	5
0021608	INSULATED EARTH BUSBAR 23 CONNECT (11x16+12x10) GREEN	5



CODE	DESIGNATION	In	CONNECT CAP.	QTT PACK
002180632	DIST. TERMINAL BLOCK 2P 63A	63A	6 x Ø5,3 2 x Ø6	4
002180634	DIST. TERMINAL BLOCK 4P 63A	63A	6 x Ø5,3 2 x Ø6	2
002181252	DIST. TERMINAL BLOCK 2P 125A	125A	6 x Ø6 2 x Ø7 2 x Ø8 1 x Ø9	2
002181254	DIST. TERMINAL BLOCK 4P 125A	125A	6 x Ø6 2 x Ø7 2 x Ø8 1 x Ø9	1
002181604	DIST. TERMINAL BLOCK 4P 160A	160A	8 x Ø7 2 x Ø8 2 x Ø9 1 x Ø12	1



SMART CODE

Main code ———— 002180632

In: 063 = 63A; 125 = 125A; 160 = 160A ————

Number of Poles ————



CODE	DESIGNATION	QTT PACK
00223216	M16 CABLE GLAND WITH LOCKNUT 15mm	5
00223220	M20 CABLE GLAND WITH LOCKNUT 15mm	5
00223225	M25 CABLE GLAND WITH LOCKNUT 15mm	5
00223232	M32 CABLE GLAND WITH LOCKNUT 15mm	5
00223240	M40 CABLE GLAND WITH LOCKNUT 18mm	2
00223250	M50 CABLE GLAND WITH LOCKNUT 18mm	2
00223263	M63 CABLE GLAND WITH LOCKNUT 18mm	2



CODE	DESIGNATION	QTT PACK
00230*	CIRCUIT MARKING LABELS 24md	1
0023020	KIT 10 DOCUMENT HOLDER A5	1

*Editable file for circuit identification available at quiterios.com



CODE	DESIGNATION	QTT PACK
0023008	KIT 5 PLASTIC LABEL HOLDER 220x18 12md	1
0023012	KIT 5 PLASTIC LABEL HOLDER 370X18 20md	1
0023014	KIT 5 PLASTIC LABEL HOLDER 440X18 24md	1



CODE	DESIGNATION	QTT PACK
0029310	BLANKING PLATE F/ DIST BOARD 220mm 12MD	5

CODE	DESIGNATION	QTT PACK
00242	MULTI-POLE DISTRIBUTION BLOCKS 95/16	5



CODE	DESIGNATION	W x H x D (mm)
0028560	EARTH BOX (COPPER) 1 IN + 5 OUT	100x200x60
0028570	EARTH BOX (COPPER) 5 IN + 5 OUT	100x200x60
0028580	EARTH BOX (COPPER) 1 IN + 1 OUT	100x200x60



IP43 and IK07. Copper hardware. Stainless steel screws. To connect unprepared conductors.

CODE	DESIGNATION	W x H x D (mm)
0029434	BRACKET F/ MOULDED CASE + TERM BLOCK W475	386x180x24
0029435	BRACKET F/ MOULDED CASE + TERM BLOCK W550	461x180x24



METALLIC REINFORCEMENT KIT FOR D125 SURFACE MOUNTED (SM) ENCLOSURES

CODE	DESIGNATION
0022012	MECHANICAL REINFORCEMENT KIT 250x375x125
0022018	MECHANICAL REINFORCEMENT KIT 250x500x125
0022021	MECHANICAL REINFORCEMENT KIT 325x375x125
0022023	MECHANICAL REINFORCEMENT KIT 325x500x125
0022024	MECHANICAL REINFORCEMENT KIT 400x375x125
0022030	MECHANICAL REINFORCEMENT KIT 400x500x125
0022036	MECHANICAL REINFORCEMENT KIT 475x375x125
0022042	MECHANICAL REINFORCEMENT KIT 475x500x125
0022048	MECHANICAL REINFORCEMENT KIT 550x375x125
0022054	MECHANICAL REINFORCEMENT KIT 550x500x125



The application of the Metallic Reinforcement Kit provides IK09 protection to the surface mounted enclosures.





safetymax[®] PRO

- 28** DISTRIBUTION BOARDS FM D125 AND D200 - 80 TO 120MD
- 29** DISTRIBUTION BOARDS SM D125 AND D200 - 80 TO 120MD
- 30** ACCESSORIES



- ✓ With **blind panels** to adjust the distance between **DIN rails**, the **SafetymaxPro** solutions offer a significant **diversity of configurations**, as well as an increase of the **functionality** and **flexibility** on the electrification of the Distribution Boards.
- ✓ **Class II Insulation** enclosures with **aluminum frame and door** and **metallic mounting plate**, the **SafetymaxPro** Distribution Boards are available for **80, 96, 100 and 120 modules**.
- ✓ **125mm and 200mm** depth enclosures available for **Flush** and **Surface Mounted** applications. The surface mounted enclosures have an **aluminum cover** to increase its **mechanical resistant** and **stability**.
- ✓ It allows the installation of modular equipment up to **250A**.
- ✓ **IP54 and IK09** protection degrees.

SMART CODE



NEW WEBSITE

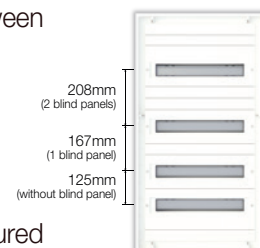
Check out the technical information for all product codes, at **quiterios.com**:

- ✓ Technical Datasheet
- ✓ CAD Files
- ✓ Assembly Instructions
- ✓ BIM Objects
- ✓ CE Declarations
- ✓ Product Images

CHECK ITS ADVANTAGES:



- 1** Class II Insulation enclosure
- 2** Aluminum frame and door
- 3** Blind panels to adjust the distance between DIN rails
- 4** Modular panels
- 5** Metallic mounting plate
- 6** Surface mounted (SM) enclosures manufactured with aluminum cover
- 7** Surface mounted (SM) enclosures with 200mm depth with pre-cuts to fix the multigate panels
- 8** Removable chassis in aluminum
- 9** Insulated earth and neutral busbars



ACCESSORIES AND COMPLEMENTS:



Installation kit

Insulated busbars; fixing screws; circuit marking labels and holders; blanking plate to cover the empty space of the frames; document holder.



Treastles

To install equipments with different depths, use the mounting brackets (codes 0029434 and 0029435), and fix them to the chassis (D125 and D200 enclosures) or to the metallic mounting plate (D200 enclosures).



Increase the number of modules

Replace 3 spacers for the Single Frame + DIN rail KIT for 20 or 24 modules (cod. 0029444; 0029445) and get more modules.



Circuit identification

Editable file for circuits identification available at quiterios.com.

Plastic label holders and document holder as additional accessories.





- ✓ Distribution Boards for 80, 96, 100 and 120 modules
- ✓ 6 blind panels to adjust the distance between DIN rails
- ✓ 125mm and 200mm depths
- ✓ Flush Mounted application
- ✓ Class II Insulation
- ✓ IP54 and IK09



solutions



video



CODE	DESIGNATION	W x H x D (mm)
+42430	DISTRIBUTION ENCL PRO (4x20) 80md D125 FM	475x875x125
+42432	DISTRIBUTION ENCL PRO (4x20) 80md D200 FM	475x875x200



CODE	DESIGNATION	W x H x D (mm)
+42450	DISTRIBUTION ENCL PRO (4x24) 96md D125 FM	550x875x125
+42452	DISTRIBUTION ENCL PRO (4x24) 96md D200 FM	550x875x200



CODE	DESIGNATION	W x H x D (mm)
+42460	DISTRIBUTION ENCL PRO (5x20) 100md D125 FM	475x1000x125
+42462	DISTRIBUTION ENCL PRO (5x20) 100md D200 FM	475x1000x200



CODE	DESIGNATION	W x H x D (mm)
+42470	DISTRIBUTION ENCL PRO (5x24) 120md D125 FM	550x1000x125
+42472	DISTRIBUTION ENCL PRO (5x24) 120md D200 FM	550x1000x200



- ✓ Distribution Boards for 80, 96, 100 and 120 modules
- ✓ 6 blind panels to adjust the distance between DIN rails
- ✓ 125mm and 200mm depths
- ✓ Surface mounted (SM) enclosures with aluminum cover to increase mechanical resistance
- ✓ Class II Insulation
- ✓ IP54 and IK09



solution



video

CODE	DESIGNATION	W x H x D (mm)
+42530	DISTRIBUTION ENCL PRO (4x20) 80md D125 SM	475x875x125
+42532	DISTRIBUTION ENCL PRO (4x20) 80md D200 SM	475x875x200



CODE	DESIGNATION	W x H x D (mm)
+42550	DISTRIBUTION ENCL PRO (4x24) 96md D125 SM	550x875x125
+42552	DISTRIBUTION ENCL PRO (4x24) 96md D200 SM	550x875x200



CODE	DESIGNATION	W x H x D (mm)
+42560	DISTRIBUTION ENCL PRO (5x20) 100md D125 SM	475x1000x125
+42562	DISTRIBUTION ENCL PRO (5x20) 100md D200 SM	475x1000x200



CODE	DESIGNATION	W x H x D (mm)
+42570	DISTRIBUTION ENCL PRO (5x24) 120md D125 SM	550x1000x125
+42572	DISTRIBUTION ENCL PRO (5x24) 120md D200 SM	550x1000x200





CODE	DESIGNATION	QTT PACK
00206	TRIANGULAR PLASTIC CAM LOCK + KEY	1
0021008	FLAT PLASTIC HANDLE LOCK	1
0021204	CURVED CAM LOCK + TRIANGULAR KEY	1
0021208	CURVED CAM PLASTIC HANDLE LOCK	1



00213/ 002132

CODE	DESIGNATION	QTT PACK
00213	METALLIC CAM LOCK W/ DIFFERENT KEYS	1
002132	METALLIC CAM LOCK IDENTICAL KEYS	1

All locks of the 00213 have different set of cylinder and key.
All locks of the 002132 have the same set of cylinder and key.



CODE	DESIGNATION	QTT PACK
0022720	PLASTIC SCREW F/ DIST ENCL LID	2
0022724	SEALABLE PLASTIC SCREW F/ F/ DIST ENCL LID	2



CODE	DESIGNATION	QTT PACK
002512	SCREW COVERS M6	4
002514	SCREW COVERS M8	4



CODE	DESIGNATION	QTT PACK
00230*	CIRCUIT MARKING LABELS 24md	1
0023020	KIT 10 DOCUMENT HOLDER A5	1

Editable file for circuit identification available at quiterios.com



CODE	DESIGNATION	QTT PACK
0023008	KIT 5 PLASTIC LABEL HOLDER 220x18 12md	1
0023012	KIT 5 PLASTIC LABEL HOLDER 370X18 20md	1
0023014	KIT 5 PLASTIC LABEL HOLDER 440X18 24md	1

CODE	DESIGNATION	QTT PACK
00223216	M16 CABLE GLAND WITH LOCKNUT 15mm	5
00223220	M20 CABLE GLAND WITH LOCKNUT 15mm	5
00223225	M25 CABLE GLAND WITH LOCKNUT 15mm	5
00223232	M32 CABLE GLAND WITH LOCKNUT 15mm	5
00223240	M40 CABLE GLAND WITH LOCKNUT 18mm	2
00223250	M50 CABLE GLAND WITH LOCKNUT 18mm	2
00223263	M63 CABLE GLAND WITH LOCKNUT 18mm	2



SMART CODE 00223216
 Main Code
 Metric measurement: ex: 16= M16; 20= M20

CODE	DESIGNATION	CABLE Ø	W x D (mm)
00223010	MULTIGATE PANEL IP55 6 IN	2 x (24-54mm) 1 x (30-60mm) 4 x (8-12mm)*	214 x 88

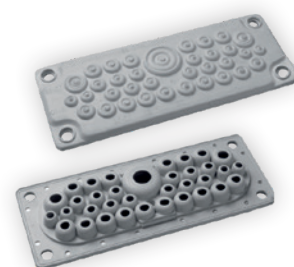
*IP54

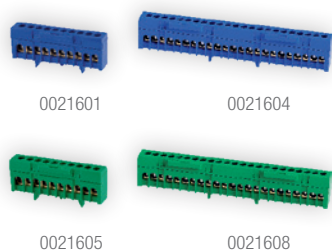


00223016	MULTIGATE PANEL IP55 25 IN	1 x (20-26 / 12-55mm) 16 x (8-14 / 7-10mm) 4 x (14-20 / 5-10mm) 5 x (5-7mm)	214 x 88
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00223018	MULTIGATE PANEL IP65 35 IN	1 x (17-32mm) 2 x (12-18mm) 16 x (10-14mm) 12 x (7-12mm) 4 x (6-10mm)	214 x 88
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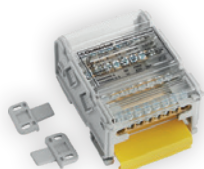




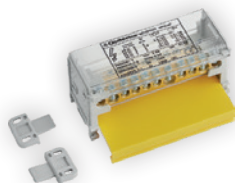
CODE	DESIGNATION	QTT PACK
0021601	INSULATED NEUTRAL BUSBAR 10 CONNECT (1x25+9x16) BLUE	5
0021604	INSULATED NEUTRAL BUSBAR 23 CONNECT (11x16+12x10) BLUE	5
0021605	INSULATED EARTH BUSBAR 10 CONNECT (1x25+9x16) GREEN	5
0021608	INSULATED EARTH BUSBAR 23 CONNECT (11x16+12x10) GREEN	5



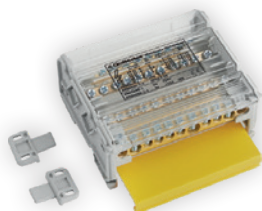
CODE	DESIGNATION	In	CON. CAPACITY	QTT PACK
002180632	DIST. TERMINAL BLOCK 2P 63A	63A	6 x Ø5,3 2 x Ø6	4



002180634	DIST. TERMINAL BLOCK 4P 63A	63A	6 x Ø5,3 2 x Ø6	2
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002181252	DIST. TERMINAL BLOCK 2P 125A	125A	6 x Ø6 2 x Ø7 2 x Ø8 1 x Ø9	2
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002181254	DIST. TERMINAL BLOCK 4P 125A	125A	6 x Ø6 2 x Ø7 2 x Ø8 1 x Ø9	1
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002181604	DIST. TERMINAL BLOCK 4P 160A	160A	8 x Ø7 2 x Ø8 2 x Ø9 1 x Ø12	1
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SMART CODE

Main code 002180632
 In: 063 = 63A; 125 = 125A; 160 = 160A
 Number of Poles

CODE	DESIGNATION	QTT PACK
00225*	PLASTIC BOLT NUT FM	4
00226**	SCREW-NUT SM	4

* to assemble flush mounted enclosures

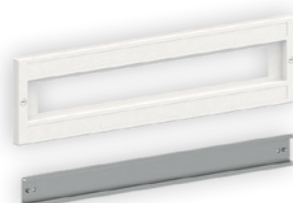
** to assemble surface mounted enclosures



CODE	DESIGNATION	QTT PACK
0029310	BLANKING PLATE F/ DIST BOARD 220mm 12MD	5



CODE	DESIGNATION	QTT PACK
0029444	SINGLE C FRAME + DIN RAIL 20md SFT_PRO W475	1
0029445	SINGLE C FRAME + DIN RAIL 24md SFT_PRO W550	1



CODE	DESIGNATION	W x H x D (mm)
0029434	BRACKET F/ MOULDED CASE + TERM BLOCK W475	386x180x24
0029435	BRACKET F/ MOULDED CASE + TERM BLOCK W550	461x180x24







mondego[®]
IP65

38 IP65 ENCLOSURES

39 ACCESSORIES



solutions



video



- ✓ The **Mondego®** line consists of a variety of **watertight Class II Insulation enclosures** with **4, 6, 8, 12, 18, 24, 36 and 48 DIN modules capacity and IP65 protection degree**.
- ✓ With **IP65** protection degree and made of **ASA** (high resistance to the UV), **Mondego®** distribution boards are the best solution for **harsh applications**.

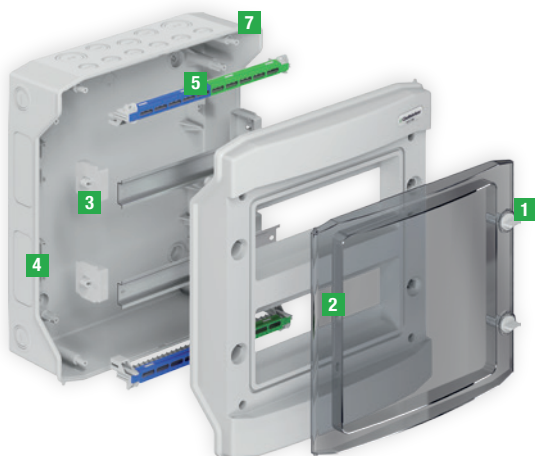


NEW WEBSITE

Check out the technical information for all product codes, at **quiterios.com**:

- ✓ Technical Datasheet
- ✓ Assembly Instructions
- ✓ CE Declarations
- ✓ CAD Files
- ✓ BIM Objects
- ✓ Product Images

CHECK ITS ADVANTAGES:

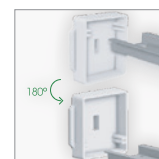


1 Rotating plastic handle lock that can be replaced by the metallic cam lock (code +61310)

2 Fast changing of door position - right or left side - with 180° opening (except on the +60104, +60106 and +60108).



3 Depth-adjustable DIN rail holder (except on the +60104, +60106 and +60108)



4 Cropped sides to improve accessibility and handling.

5 Insulated neutral and earth busbars made of ABS + Polycarbonate + Fiberglass

6 Pre-tears on the sides and tops with metric identification for cabling. Identification of the distance between holes on the back to fix the box on the wall.

7 Allows sealing protection



ACCESSORIES AND COMPLEMENTS:



Installation kit

Blanking plate for empty modules; protective covers for fixing screws (Class II); box mounting kit (wall plugs and screws); user instructions; circuit identification labels.



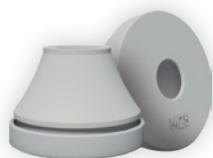
- ✓ 4, 6, 8, 12, 18, 24, 36 and 48 modules capacity
- ✓ Class II Insulation
- ✓ Surface Mounted (SM) application
- ✓ Polycarbonate transparent door
- ✓ RAL 7035
- ✓ IP65 and IK08



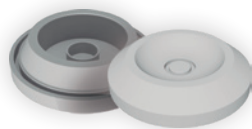
CODE	DESIGNATION	W x H x D (mm)
+60104	DISTRIBUTION ENCL (1x4) 4md IP65 SM	127x200x120
+60106	DISTRIBUTION ENCL (1x6) 6md IP65 SM	165x200x120
+60108	DISTRIBUTION ENCL (1x8) 8md IP65 SM	200x200x120
+60112	DISTRIBUTION ENCL (1x12) 12md IP65 SM	318x258x144
+60118	DISTRIBUTION ENCL (1x18) 18md IP65 SM	428x258x144
+60212	DISTRIBUTION ENCL (2x12) 24md IP65 SM	318x383x144
+60312	DISTRIBUTION ENCL (3x12) 36md IP65 SM	318x535x144
+60412	DISTRIBUTION ENCL (4x12) 48md IP65 SM	318x664x144

+60104
Code reading

+60 - Main code of the Mondego[®] line
1 - Number of tears (rails)
04 - Number of modules per tear



CONIC CABLE GROMMET

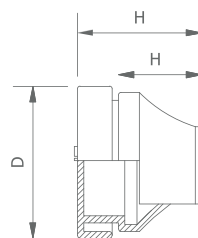
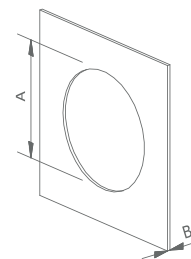


FLAT CABLE GROMMET

- ✓ IP67
- ✓ Suitable for surface mounting application
- ✓ Works as sealing lid before cable installation
- ✓ Resistant to vibrations
- ✓ Fast and easy installation
- ✓ No tools required
- ✓ Halogen free

CONIC CABLE GROMMET

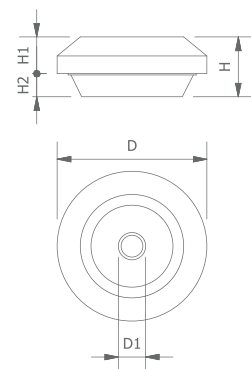
CODE	DESIGNATION	A (mm)	B (mm)	D (mm)	H (mm)	H1 (mm)	CABLE/ TUBE ø (mm)	QTY PACK
+61116	CONIC CABLE GROMMET M16	16,5	1 - 4	21	17,7	11	5 - 9	5
+61120	CONIC CABLE GROMMET M20	20,5	1 - 4	25,5	20	13,4	8 - 13	5
+61125	CONIC CABLE GROMMET M25	25,5	1 - 4	30,5	21,3	15,3	11 - 17	5
+61132	CONIC CABLE GROMMET M32	32,5	1 - 4	38,5	24,6	18,6	15 - 20	2
+61140	CONIC CABLE GROMMET M40	40,5	1 - 4	48,5	29,5	21,7	19 - 28	2
+61150	CONIC CABLE GROMMET M50	50,5	1 - 4	60,5	34,8	25	27 - 35	2



FLAT CABLE GROMMET

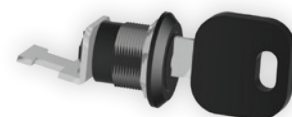
CODE	DESIGNATION	A (mm)	B (mm)	D* (mm)	D1 (mm)	H (mm)	H1 (mm)	H2* (mm)	CABLE/TUBE ø (mm)	QTY PACK
+61216	FLAT CABLE GROMMET M16	16,5	0,5 - 3	23,5	4	11	6,75	1 - 4	5 - 10	5
+61220	FLAT CABLE GROMMET M20	20,5	0,5 - 3	27,5	5	11	6,75	1 - 4	6 - 13	5
+61225	FLAT CABLE GROMMET M25	25,5	0,5 - 3,5	32,5	7	11	6,75	1 - 4	8 - 17	5
+61232	FLAT CABLE GROMMET M32	32,5	0,5 - 4,5	39,5	11	11	6,75	1 - 4	12 - 24	2

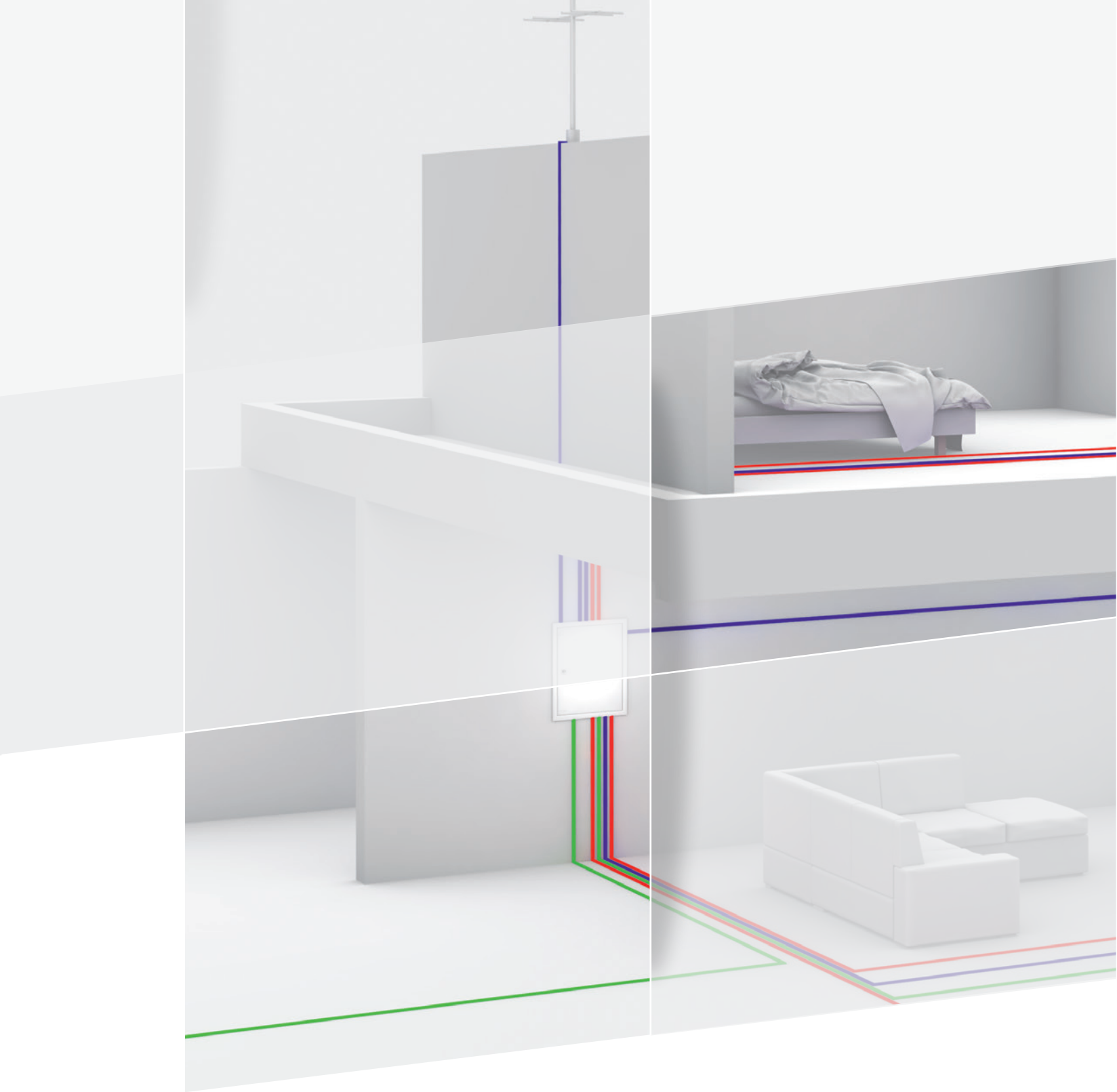
* Variable depending on the thickness of the material to be installed.

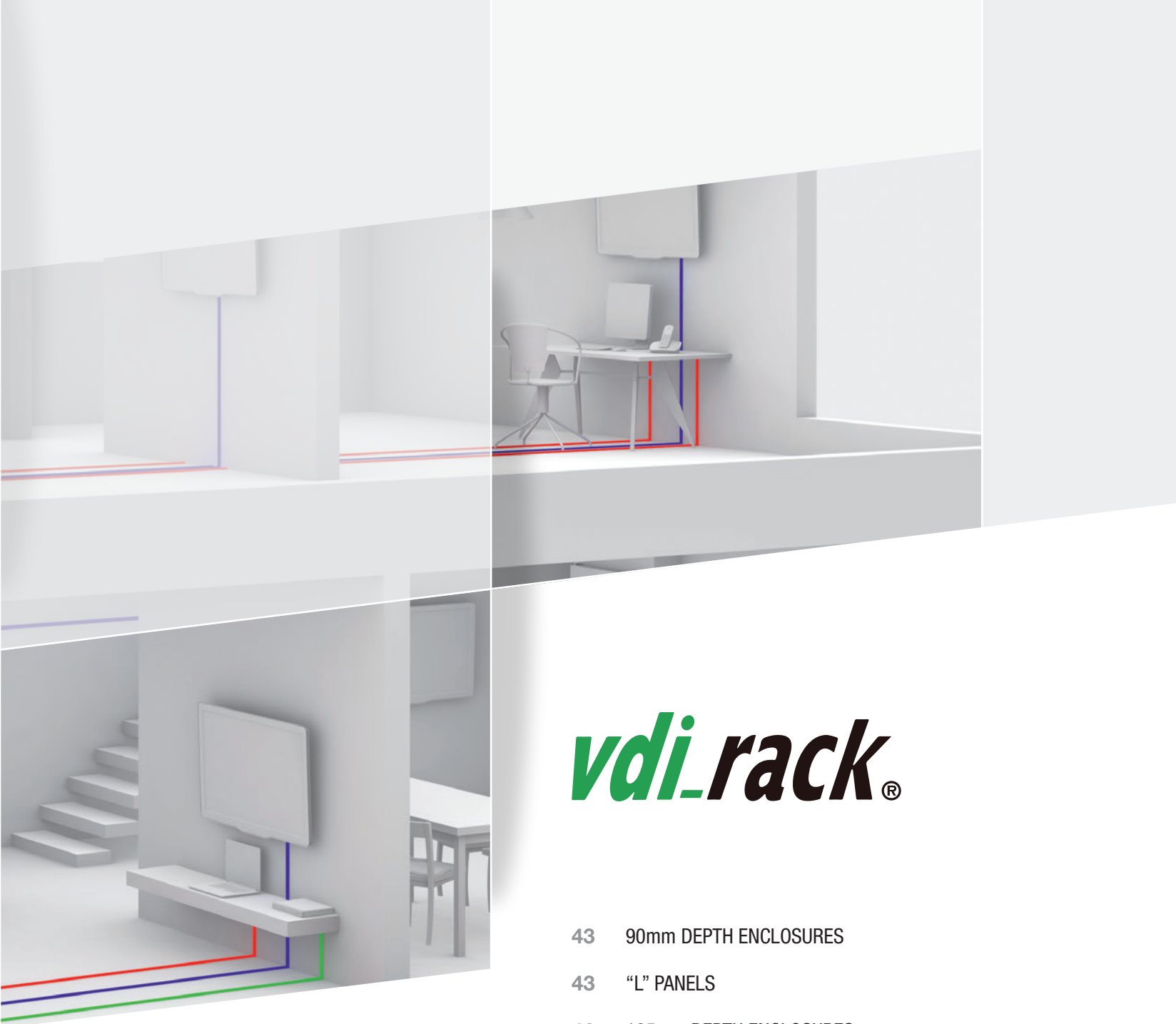


CAM LOCK

CODE	DESIGNATION	QTY PACK
+61310	MONDEGO CAM LOCK W/ KEY	1







vdi**_rack®**

- 43 90mm DEPTH ENCLOSURES
- 43 "L" PANELS
- 46 125mm DEPTH ENCLOSURES
- 46 FRONTAL PANELS
- 47 ACCESSORIES



FM



SM

- ✓ **Rack type solutions**, designed to **centralize and distribute voice, data and image**, for **housing and commercial building** applications.
- ✓ Allows a **custom made solution**, by getting the **VDI_RACK® enclosure** and any of the **Coaxial, Copper Pair and Optical Fiber panels**.
- ✓ **90mm and 125mm depths**.
- ✓ Available for **Flush and Surface mounted applications**, the **VDI_RACK®** enclosures ensure an **IP42 and IK07** protection degrees.
- ✓ With **metallic mounting plate, schuko socket** and **space for active equipment** (modem; switch; router).



NEW WEBSITE

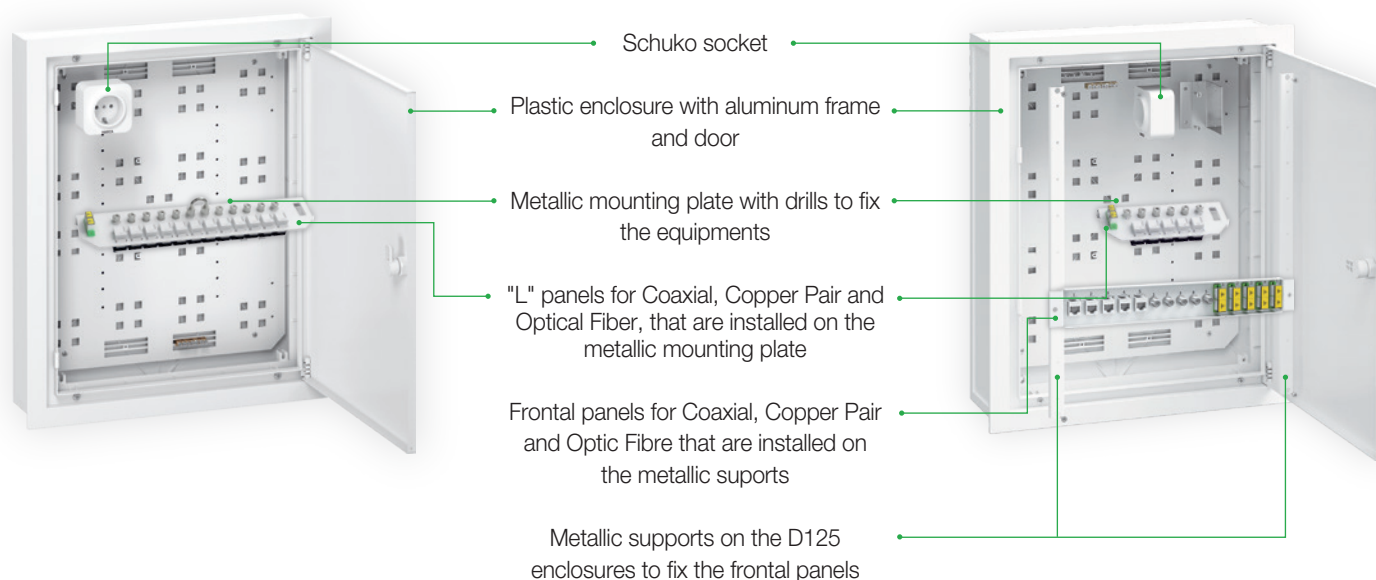
Check out the technical information for all product codes, at **quiterios.com**:

- ✓ Technical Datasheet
- ✓ Assembly Instructions
- ✓ CE Declarations
- ✓ CAD Files
- ✓ BIM Objects
- ✓ Product Images

CHECK THE ADVANTAGES:

vd rack® D90

vd rack® D125



ACCESSORIES AND COMPLEMENTS:



Installation kit

Supplied with schuko socket, earth busbar; fixing screws and circuit marking labels.



Reinforcement Kit

Metallic Reinforcement Kit for Surface Mounted (SM) enclosures with 125mm depth. Ensures an IK09 degree of protection.



Easy to Assemble

Assemble the VDI_RACK® with the SAFETYMAX® Distribution Board and get a perfect final solution.



- ✓ Get any of the VDI_RACK D90 enclosures and the equipped or empty "L" panels to build your custom made solution
- ✓ Polystyrene enclosure with aluminum frame and door and metallic mounting plate
- ✓ Supplied with earth busbar and schuko socket
- ✓ 90mm depth enclosures
- ✓ IP42 and IK07



solutions



video



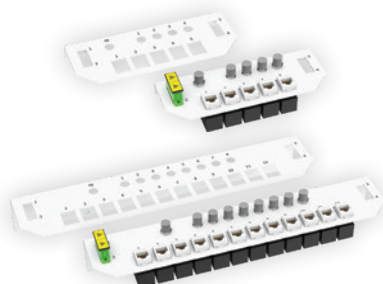
VDI_RACK D90 ENCLOSURES 400X375

CODE	DESIGNATION	W x H x D (mm)
00096532	VDI_RACK BOX 400x375 D90 FM	400x375x90
00096533	VDI_RACK BOX 400x375 D90 SM	400x375x90



VDI_RACK D90 ENCLOSURES 400x500

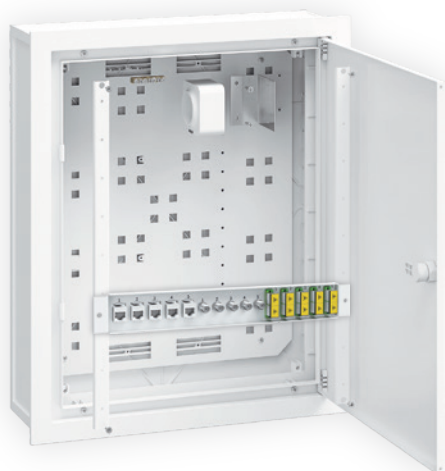
CODE	DESIGNATION	W x H x D (mm)
00096534	VDI_RACK BOX 400x500 D90 FM	400x500x90
00096535	VDI_RACK BOX 400x500 D90 SM	400x500x90



"L" PANELS

CODE	DESIGNATION	L x P (mm)
00096570	EMPTY "L" PANEL F/ 5RJ45 + 4W SPLITTER + 2FO W250	170x65
00096572	EQUIPPED "L" PANEL 5RJ45 + 4W SPLITTER + 1FO W250	170x65
00096574	EMPTY "L" PANEL F/ 12RJ45 + 8W SPLITTER + 2FO W400	320x65
00096576	EQUIPPED "L" PANEL 12RJ45 + 8W SPLITTER + 1FO W400	320x65

The "L" panels are designed to be fixed on the metallic mounting plate, therefore they can be installed in all VDI_RACK enclosures.



- ✓ Get any of the VDI_RACK D125 enclosures and the "L" or frontal panels to build your custom made solution
- ✓ Includes chassis to fix the panels, earth busbar and schuko socket
- ✓ Polystyrene enclosure with aluminum frame and door and metallic mounting plate
- ✓ Enclosures with 125mm depths
- ✓ IP42 and IK07



solutions



video

VDI_RACK D125 ENCLOSURES 400x375 - 6U

CODE	DESIGNATION	W x H x D (mm)
00096538	VDI_RACK BOX 400x375 D125 FM	400x375x125
00096539	VDI_RACK BOX 400x375 D125 SM	400x375x125

**VDI_RACK D125 ENCLOSURES 400x500 - 9U**

CODE	DESIGNATION	W x H x D (mm)
00096540	VDI_RACK BOX 400x500 D125 FM	400x500x125
00096541	VDI_RACK BOX 400x500 D125 SM	400x500x125

**VDI_RACK D125 ENCLOSURES 400x750 - 14U**

CODE	DESIGNATION	W x H x D (mm)
00096542	VDI_RACK BOX 400x750 D125 FM	400x750x125
00096543	VDI_RACK BOX 400x750 D125 SM	400x750x125





CODE	DESIGNATION	W x D (mm)
00096580	EMPTY "L" PANEL F/ 1FO + 7RJ45 W400	290x78

Non-equipped panel to incorporate up to 9 RJ45 connectors (code 0023570) for Copper Pair and 1 SC/APC simplex adapter (code 0023511) for Optical Fiber.
To be installed on the metallic mounting plate of the D125 enclosures.



rj.flex®

CODE	DESIGNATION	W x H (mm)
00098290	VDI_RACK RJ_FLEX EMPTY PANEL F/ CP9 1U	321x45

Non-equipped panel to incorporate 1 IN RJ_FLEX CAT6 connector (code 0023577) and up to 9 OUT RJ_FLEX CAT6 connectors (code 0023578).



rj.flex®

00098294	VDI_RACK RJ_FLEX PANEL CP4 1U	321x45
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Category 6 Copper Pair panel, equipped with 1 input and 4 outputs for voice distribution (up to 2 operators) or to establish a data network using network equipments.
Able to connect with other Copper Pair panels.



rj.flex®

00098296	VDI_RACK RJ_FLEX PANEL CP6 1U	321x45
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Category 6 Copper Pair panel, equipped with 1 input and 6 outputs for voice distribution (up to 2 operators) or to establish a data network using network equipments.
Able to connect with other Copper Pair panels.



rj.flex®

00098298	VDI_RACK RJ_FLEX PANEL CP8 1U	321x45
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Category 6 Copper Pair panel, equipped with 1 input and 8 outputs for voice distribution (up to 2 operators) or to establish a data network using network equipments.
Able to connect with other Copper Pair panels.



CODE	DESIGNATION	W x H (mm)
00098304	VDI_RACK PANEL 1xCC4 2U	321x90

Coaxial panel equipped with 2 F/F connectors (0023552) and one 4-way splitter with "F" connectors (002356204).
With 2 compression "F" connectors (0023551) and 4 right angle "F" compression (0023550).



00098306	VDI_RACK PANEL 1xCC6 2U	321x90
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Coaxial panel equipped with 2 F/F connectors (0023552) and one 6-way splitter with "F" connectors (002356206).
With 2 compression "F" connectors (0023551) and 6 right angle "F" compression (0023550).



00098308	VDI_RACK PANEL 1xCC8 2U	321x90
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Coaxial panel equipped with 2 F/F connectors (0023552) and one 8-way splitter with "F" connectors (002356208).
With 2 compression "F" connectors (0023551) and 8 right angle "F" compression (0023550).

These panels are designed to be fixed on the chassis of the D125 VDI_RACK® enclosures.

CODE	DESIGNATION	W x H (mm)
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00098312 VDI_RACK PANEL 1xCC12 2U

321x90

Coaxial panel equipped with 2 F/F connectors (0023552) and one 12-way splitter with "F" connectors. With 2 compression "F" connectors (0023551) and 12 right angle "F" compression (0023550).



00098316 VDI_RACK PANEL 1xCC16 2U

321x90

Coaxial panel equipped with 2 F/F connectors (0023552) and one 16-way splitter with "F" connectors. With 2 compression "F" connectors (0023551) and 16 right angle "F" compression (0023550).



CODE	DESIGNATION	W x H (mm)
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00098272 VDI_RACK EMPTY PANEL F/ 14 FO 1U

321x45

Non-equipped panel to incorporate up to 14 Optical Fiber SC/APC duplex adapters (code 0023513).



CODE	DESIGNATION	W x H (mm)
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00098274 VDI_RACK EMPTY PANEL F/ 14 F TYPE PLUGS 1U

321x45

Non-equipped panel to incorporate up to 14 Coaxial F/F connectors (code 0023552).



CODE	DESIGNATION	W x H (mm)
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00098276 VDI_RACK EMPTY PANEL F/ 14 RJ45 CAT6 1U

321x45

Non-equipped panel to incorporate up to 14 Copper Pair RJ45 connectors (code 0023570).



CODE	DESIGNATION	W x H (mm)
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00098278 VDI_RACK EMPTY PANEL F/ 5RJ45 + 5F/F + 5FO 1U

321x45

Non-equipped panel to incorporate up to 5 RJ45 connectors (code 0023570), 5 F/F connectors (code 0023552) and 5 SC/APC duplex adapters (code 0023513).



CODE	DESIGNATION	W x H (mm)
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00098280 VDI_RACK BLANK PANEL 1U

321x45



CODE	DESIGNATION	W x H (mm)
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00098282 VDI_RACK CABLE ENTRY PANEL 1U

321x45



These panels are designed to be fixed on the metallic supports of the D125 VDI_RACK® enclosures.



00206



0021008

CODE	DESIGNATION	QTY PACK
00206	TRIANGULAR PLASTIC CAM LOCK + KEY	1
0021008	FLAT PLASTIC HANDLE LOCK	1



00225



00226

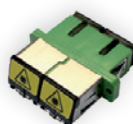
CODE	DESIGNATION	QTY PACK
00225*	PLASTIC BOLT NUT FM	4
00226**	SCREW-NUT SM	4

* to assemble flush mounted enclosures

** to assemble surface mounted enclosures



0023511



0023513

CODE	DESIGNATION	QTY PACK
0023511	FO SC/APC SIMPLEX ADAPTER W/ PROTECTION	5
0023513	FO SC/APC DUPLEX ADAPTER W/ PROTECTION	5



0023550



0023551



0023552



0023554

CODE	DESIGNATION	QTY PACK
0023550	RIGHT ANGLE F COMPRESSION CONNECTOR	5
0023551*	THREADED COMPRESSION F CONNECTOR	5
0023552	F/F CONNECTOR	5
0023554	THREADED RIGHT ANGLE F COMPRESSION CONNECTOR	5

*To incorporate on the VDI_RACK D90 "L" panels



0023508



0023510

CODE	DESIGNATION	QTY PACK
0023508	SPLICE TRAY AND LID 24 FO	1
0023510	COMPACT TERMINATION BOX F/ 2 SC/APC DUPLEX	1



0023530



0023534

CODE	DESIGNATION	QTY PACK
0023530	VDI_RACK SHELF W400 D125	1
0023534	VDI_RACK SHELF W400 D200	1

CODE	DESIGNATION	QTY PACK
002356202	2W F SPLITTER	1
002356204	4W F SPLITTER	1
002356206	6W F SPLITTER	1
002356208	8W F SPLITTER	1



CODE	DESIGNATION	QTY PACK
0023570	RJ45 CAT6 CONNECTOR	5



CODE	DESIGNATION	QTY PACK
0023577	IN RJ_FLEX CAT6 CONNECTOR	1
0023578	OUT RJ_FLEX CAT6 CONNECTOR	5



CODE	DESIGNATION	QTY PACK
0023580	RJ45 CAT6 CORD 0,5m	1
00235801	RJ45 CAT6 CORD 1m	1
00235804	RJ45 CAT6 CORD 90° 0,5m	1



CODE	DESIGNATION	QTY PACK
00236	VDI PUNCH DOWN TOOL 3G	1
00237	PUNCH DOWN TOOL S100	1
00238	RJ11/12/45 PLUGS CRIMPING TOOL	1
0023820	RIGHT ANGLE F CONNECTOR COMPRESSION TOOL	1
0023830	RG59/6/7/11 STRIPPING TOOL	1



00236



00237



00238



0023820



0023830

METALLIC REINFORCEMENT KIT FOR D125 SURFACE MOUNTED (SM) VDI_RACK CABINETS

CODE	DESIGNATION
0022024	MECHANICAL REINFORCEMENT KIT 400x375x125
0022030	MECHANICAL REINFORCEMENT KIT 400x500x125
0022080	MECHANICAL REINFORCEMENT KIT 400x750x125



The application of the Metallic Reinforcement Kit provides an IK09 protection degree to the surface mounted enclosures.







raquited®

54	19" RACKS
56	19" PANELS
58	10" RACKS
59	10" PANELS
60	ACCESSORIES



- ✓ 19" wall mounted racks with 6, 8, 13 and 17U and floor mounted with 24U.
- ✓ 10" wall mounted racks with 6U.
- ✓ Available in **white** (RAL 9010), **grey** (RAL 7035) and **black** (RAL 9005).
- ✓ Wide range of **Coaxial; Copper Pair and Optical Fiber** panels and accessories.
- ✓ IP20.

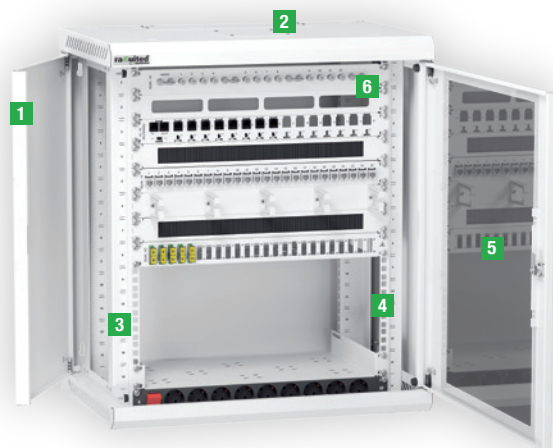


NEW WEBSITE

Check out the technical information for all product codes, at quiterios.com:

- ✓ Technical Datasheet
- ✓ Assembly Instructions
- ✓ CE Declarations
- ✓ CAD Files
- ✓ BIM Objects
- ✓ Product Images

CHECK ITS ADVANTAGES:



White
RAL 9010

Grey
RAL 7035

Black
RAL 9005

- 1 Easy opening side doors (19" racks). Floor mounted racks with four doors with locks and keys
- 2 Slide openings on top and bottom for cable passing
- 3 Chassis with number of Us. Each rack include extra Us, one on top and one at the bottom
- 4 Depth-adjustable metallic chassis to fix panels (19" racks)
- 5 10" racks with metallic door and 19" racks with tempered glass, both with right or left side opening. Perfect finishing in every color
- 6 19" racks equipped with cable management panels



ACCESSORIES AND COMPLEMENTS:



Panels and Accessories

Wide range of panels and accessories for Coaxial; Copper Pair, Optical Fiber and electrical equipments.



Ventilation

Increase ventilation on the 19" racks, by using the ventilation kit (cod. 0010139) or the 3 ventilation panel (cod. 0010142).



- ✓ 19" Wall mounted racks with 6, 8, 13 and 17U and floor mounted with 24U
- ✓ Right or left side opening front door with tempered glass and metallic cam lock and key
- ✓ Include passing cable panels
- ✓ Ventilation through natural convection, with possibility of forced ventilation
- ✓ Wide range of Coaxial; Copper Pair and Optical Fiber panels and accessories
- ✓ IP20



White
RAL 9010



Grey
RAL 7035



Black
RAL 9005



CODE	DESIGNATION	W x H x D (mm)
0010006	RAQUITED 19" WALL-MOUNTED WHITE 6U	600x380x400
0010006C	RAQUITED 19" WALL-MOUNTED GREY 6U	600x380x400
0010006P	RAQUITED 19" WALL-MOUNTED BLACK 6U	600x380x400

With one cable passing panel (cod 0010136).



CODE	DESIGNATION	W x H x D (mm)
0010008	RAQUITED 19" WALL-MOUNTED WHITE 8U	600x460x400
0010008C	RAQUITED 19" WALL-MOUNTED GREY 8U	600x460x400
0010008P	RAQUITED 19" WALL-MOUNTED BLACK 8U	600x460x400

With one cable passing panel (cod 0010136).

CODE	DESIGNATION	W x H x D (mm)
0010013	RAQUITED 19" WALL-MOUNTED WHITE 13U	600x690x400
0010013C	RAQUITED 19" WALL-MOUNTED GREY 13U	600x690x400
0010013P	RAQUITED 19" WALL-MOUNTED BLACK 13U	600x690x400

With two cable passing panels (cod 0010136).



CODE	DESIGNATION	W x H x D (mm)
0010017	RAQUITED 19" WALL-MOUNTED WHITE 17U	600x870x400
0010017C	RAQUITED 19" WALL-MOUNTED GREY 17U	600x870x400
0010017P	RAQUITED 19" WALL-MOUNTED BLACK 17U	600x870x400

With two cable passing panels (cod 0010136).



CODE	DESIGNATION	W x H x D (mm)
0010024	RAQUITED 19" WALL-MOUNTED WHITE 24U	600x1200x600
0010024C	RAQUITED 19" WALL-MOUNTED GREY 24U	600x1200x600
0010024P	RAQUITED 19" WALL-MOUNTED BLACK 24U	600x1200x600

With four cable passing panels (cod 0010136).





CODE	DESIGNATION	W x H (mm)
001010604	RAQUITED 19" PANEL 1xCC4 1U	485x43
001010606	RAQUITED 19" PANEL 1xCC6 1U	485x43
001010608	RAQUITED 19" PANEL 1xCC8 1U	485x43
001010612	RAQUITED 19" PANEL 1xCC12 1U	485x43
001010616	RAQUITED 19" PANEL 1xCC16 1U	485x43

Coaxial panels with 4; 6; 8; 12 and 16 way splitters for S/MATV or CATV and compression "F" connectors.

CODE	DESIGNATION	W x H (mm)
0010134	RAQUITED 19" CABLE ENTRY PANEL W/ BRUSH 1U	485x43
0010136	RAQUITED 19" CABLE ENTRY PANEL 1U	485x43

Panels for cable passing.

CODE	DESIGNATION	W x H (mm)
0010135	RAQUITED 19" PANEL W/ HOOPS 1U	485x43

Panel with rings for cable organization.

CODE	DESIGNATION	W x H (mm)
0010126	RAQUITED 19" EMPTY PANEL F/ FO48 1U	485x43

Non-equipped panel to incorporate up to 24 SC/APC duplex adapters (code 0023513) with no shelf.

CODE	DESIGNATION	W x H x D (mm)
0010128*	RAQUITED 19" PANEL W/ SHELF F/ FO48 1U	485x43x160
0010129**	RAQUITED 19" DRAWER PANEL F/ 24 FO SIMPLE 1U	485x43x230

*Non-equipped panel with shelf to incorporate 24 SC/APC duplex adapters (code 0023513).

**Non-equipped panel with drawer to incorporate up to 24 SC/APC simple adapters (code 0023511).

CODE	DESIGNATION	W x H x D (mm)
0010130*	RAQUITED 19" SHELF PANEL D265 1U	485x43x265
0010131**	RAQUITED 19" SHELF PANEL D420 1U	485x43x420

**Shelf with 265mm depth for racks with 400mm depth.

**Shelf with 420mm depth for racks with 600mm depth.

CODE	DESIGNATION	W x H x D (mm)
0010139	VENTILATION KIT W/ THERMOSTAT	120x120x38

With fan, rail DIN and thermostat that can be fixed directly on the inside top of the rack.

All panels supplied with screw kit (code 0010170).

White panels (RAL 9010).

CODE	DESIGNATION	W x H x D (mm)
0010142	RAQUITED 19" 3 VENT PANEL 1U	485x43x205

Panel with 3 fans with ON/OFF button at the front.

CODE	DESIGNATION	W x H x D (mm)
0010147	RAQUITED 19" PANEL W/ DIN RAIL 3U	485x133x60



0010147

CODE	DESIGNATION	W x H (mm)
0010145	RAQUITED 19" BLIND PANEL 1U	485x43
0010146	RAQUITED 19" BLIND PANEL 2U	483x89



0010146



0010145

CODE	DESIGNATION	W x H (mm)
0010148	RAQUITED 19" 6 ELEC SOCKETS W/ SWITCH PANEL 1U	485x43

Equipped with 9 electrical sockets and on/off switch.



CODE	DESIGNATION	W x H (mm)
0010150*	RAQUITED 19" EMPTY PANEL CABLE GUIDE F/ 24 RJ45 1U	485x43
0010153**	RAQUITED 19" EMPTY PANEL F/ 24 RJ45 1U	485x43

*Non-equipped panel to incorporate up to 24 RJ45 connectors (code 0023570), with cable guides.

**Non-equipped panel to incorporate up to 24 RJ45 connectors (code 0023570), without cable guides.



0010150



0010153

CODE	DESIGNATION	W x H (mm)
0010155	RAQUITED 19" EMPTY PANEL F/ 15 RJ_FLEX 1U	485x43

Non-equipped panel to incorporate 1 IN RJ_FLEX connector and up to 15 OUT RJ_FLEX connector.



CODE	DESIGNATION	W x H (mm)
0010158	RAQUITED 19" EMPTY PANEL F/ 24 F/F CONNECTORS 1U	485x43

Non-equipped panel to incorporate 24 F/F connectors (code 0023552).



CODE	DESIGNATION	W x H (mm)
0010162	RAQUITED 19" EMPTY PANEL F/ 10 F/F + 10 RJ45 1U	485x43

Non-equipped panel to incorporate up to 10 F/F connectors (code 0023552) + 10 RJ45 connectors (code 0023570).



CODE	DESIGNATION	W x H (mm)
0010163	RAQUITED 19" EMPTY PANEL F/ 8 F/F + 8 RJ45 + 8 FO 1U	485x43

Non-equipped panel to incorporate up to 8 F/F connectors (code 0023552); 8 RJ45 connectors (code 0023570) and 8 SC/APC duplex adapters (code 0023513).



All panels are supplied with screw kit (code 0010170).
White panels (RAL 9010).



- ✓ 10" wall mounted racks with 6U
- ✓ Metallic door that can be fixed on the right or left side
- ✓ Ventilation through natural convection
- ✓ Wide range of Coaxial, Copper Pair and Optical Fiber panels and accessories
- ✓ IP20



White
RAL 9010

Grey
RAL 7035

Black
RAL 9005



10" RACKS

CODE	DESIGNATION	W x H x D (mm)
00100708B	RAQUITED 10" WALL-MOUNTED WHITE 6U	300x340x260
00100708C	RAQUITED 10" WALL-MOUNTED GREY 6U	300x340x260
00100708P	RAQUITED 10" WALL-MOUNTED BLACK 6U	300x340x260

10" PANELS

CODE	DESIGNATION	W x H x D (mm)
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00100840	RAQUITED 10" EMPTY PANEL F/ 24 RJ45 2U	255x89x85
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Non-equipped panel to incorporate up to 24 RJ45 connectors (code 0023570).



CODE	DESIGNATION	W x H (mm)
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00100841	RAQUITED 10" PANEL CC4 1U	255x44
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Equipped with 5 way splitter for S/MATV or CATV.
With compression "F" connectors (0023551).



CODE	DESIGNATION	W x H (mm)
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00100846	RAQUITED 10" EMPTY PANEL F/ 8 RJ45 1U	255x44
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Non-equipped panel to incorporate up to 8 RJ45 connectors (code 0023570).



CODE	DESIGNATION	W x H (mm)
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00100848	RAQUITED 10" EMPTY PANEL F/ 8 F/F CONNECTORS 1U	255x44
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Non-equipped panel to incorporate up to 8 F/F connectors (code 0023552).



CODE	DESIGNATION	W x H (mm)
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00100850	RAQUITED 10" EMPTY PANEL F/ 8 FO 1U	255x44
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Non-equipped panel to incorporate up to 8 SC/APC duplex adapters (code 0023513).



CODE	DESIGNATION	W x H (mm)
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00100852	RAQUITED 10" CABLE ENTRY PANEL 1U	255x44
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CODE	DESIGNATION	W x H (mm)
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00100854	RAQUITED 10" BLIND PANEL 1U	255x44
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CODE	DESIGNATION	W x H x D (mm)
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00100856	RAQUITED 10" SHELF PANEL 1U	255x44x160
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All panels supplied with screw kit (code 0010170).
White panels (RAL 9010).



CODE	DESIGNATION	QTY PACK
002132	METALLIC CAM LOCK IDENTICAL KEYS	1



CODE	DESIGNATION	QTY PACK
0010139	VENTILATION KIT W/ THERMOSTAT	1



CODE	DESIGNATION	QTY PACK
0010170	RAQUITED 4 SCREWS AND NUTS SET	1



0023508



0023510

CODE	DESIGNATION	QTY PACK
0023508	SPLICE TRAY AND LID 24 FO	1
0023510	COMPACT TERMINATION BOX F/ 2 SC/APC DUPLEX	1



0023511



0023513

CODE	DESIGNATION	QTY PACK
0023511	FO SC/APC SIMPLEX ADAPTER W/ PROTECTION	5
0023513	FO SC/APC DUPLEX ADAPTER W/ PROTECTION	5



0023550



0023551



0023552



0023554

CODE	DESIGNATION	QTY PACK
0023550	RIGHT ANGLE F COMPRESSION PLUG-IN CONNECTOR	1
0023551	THREADED COMPRESSION F CONNECTOR	1
0023552	F/F CONNECTOR	1
0023554	THREADED RIGHT ANGLE F COMPRESSION CONNECTOR	1



0023570



0023574 / 0023575

CODE	DESIGNATION	QTY PACK
0023570	RJ45 CAT6 CONNECTOR	5
0023574	SHIELDED RJ45 CAT6 CONNECTOR	5
0023575	SHIELDED RJ45 CAT6A CONNECTOR	5



0023577



0023578

CODE	DESIGNATION	QTY PACK
0023577	IN RJ_FLEX CAT6 CONNECTOR	1
0023578	OUT RJ_FLEX CAT6 CONNECTOR	5

CODE	DESIGNATION	QTY PACK
0023580	RJ45 CAT6 CORD 0,5M	1
00235801	RJ45 CAT6 CORD 1M	1
00235804	RJ45 CAT6 CORD 90° 0,5m	1



0023580/ 00235801



00235804

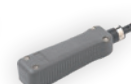
CODE	DESIGNATION	QTY PACK
0023590	RAQUITED 4 WHEELS KIT	1



CODE	DESIGNATION	QTY PACK
00236	VDI PUNCH DOWN TOOL 3G	1
00237	PUNCH DOWN TOOL S100	1
00238	RJ11/12/45 PLUGS CRIMPING TOOL	1
0023820	RIGHT ANGLE F CONNECTOR COMPRESSION TOOL	1
0023830	RG59/6/7/11 STRIPPING TOOL	1



00236



00237



00238



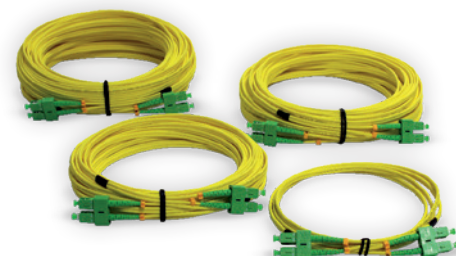
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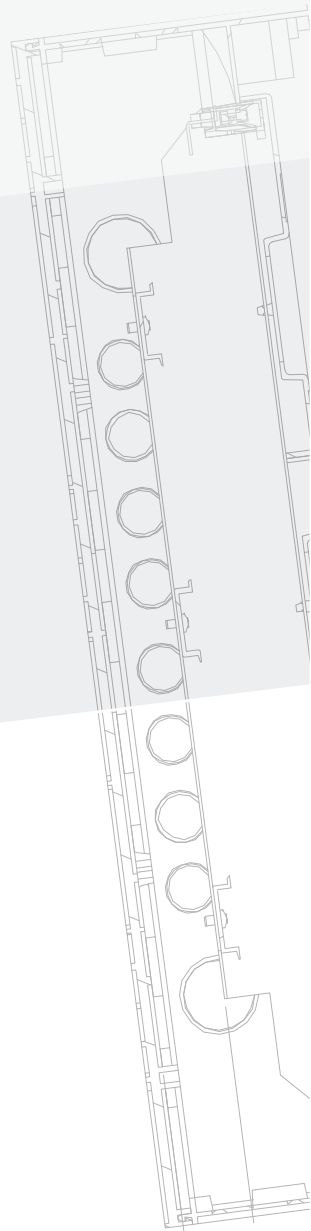
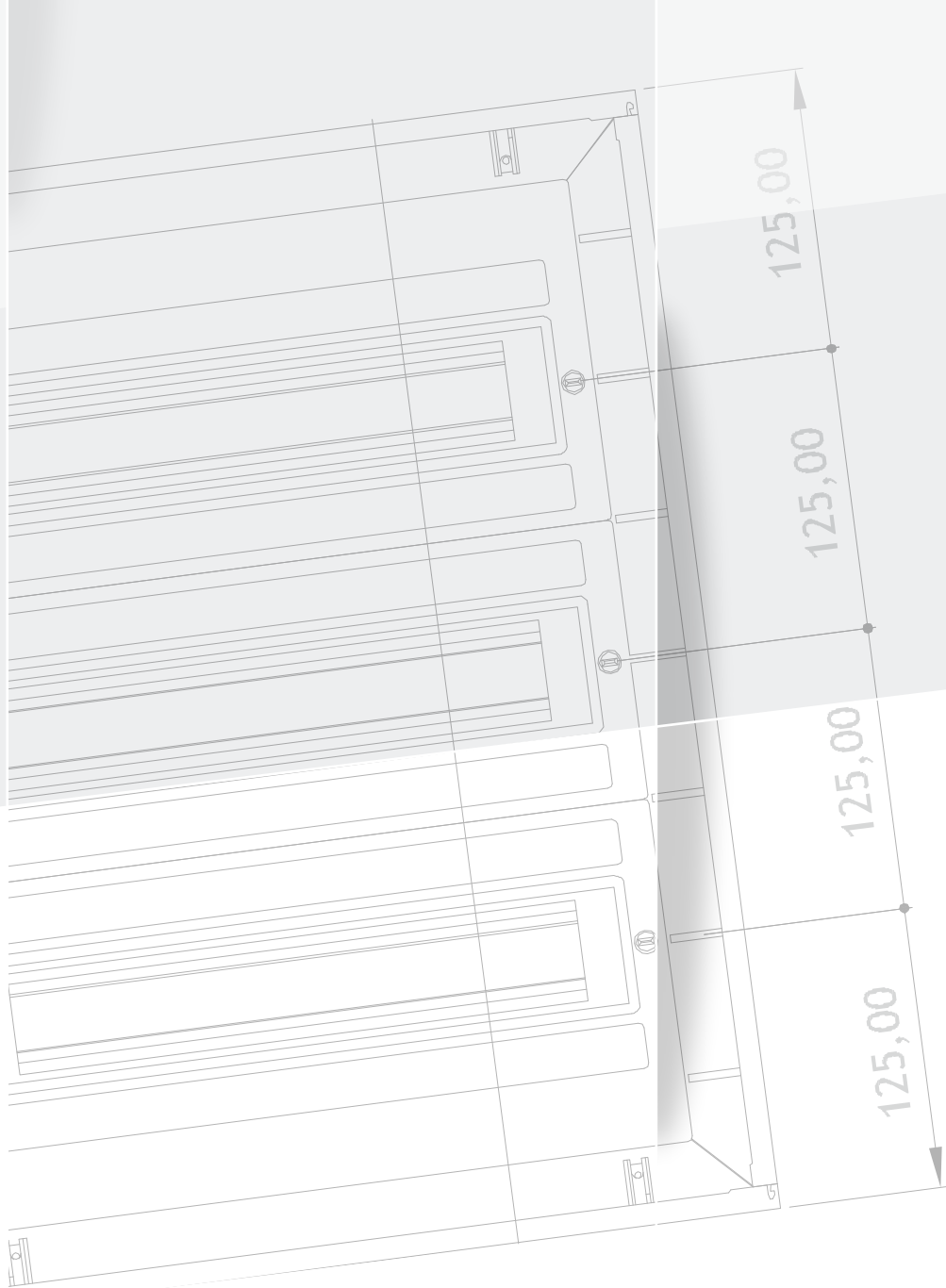
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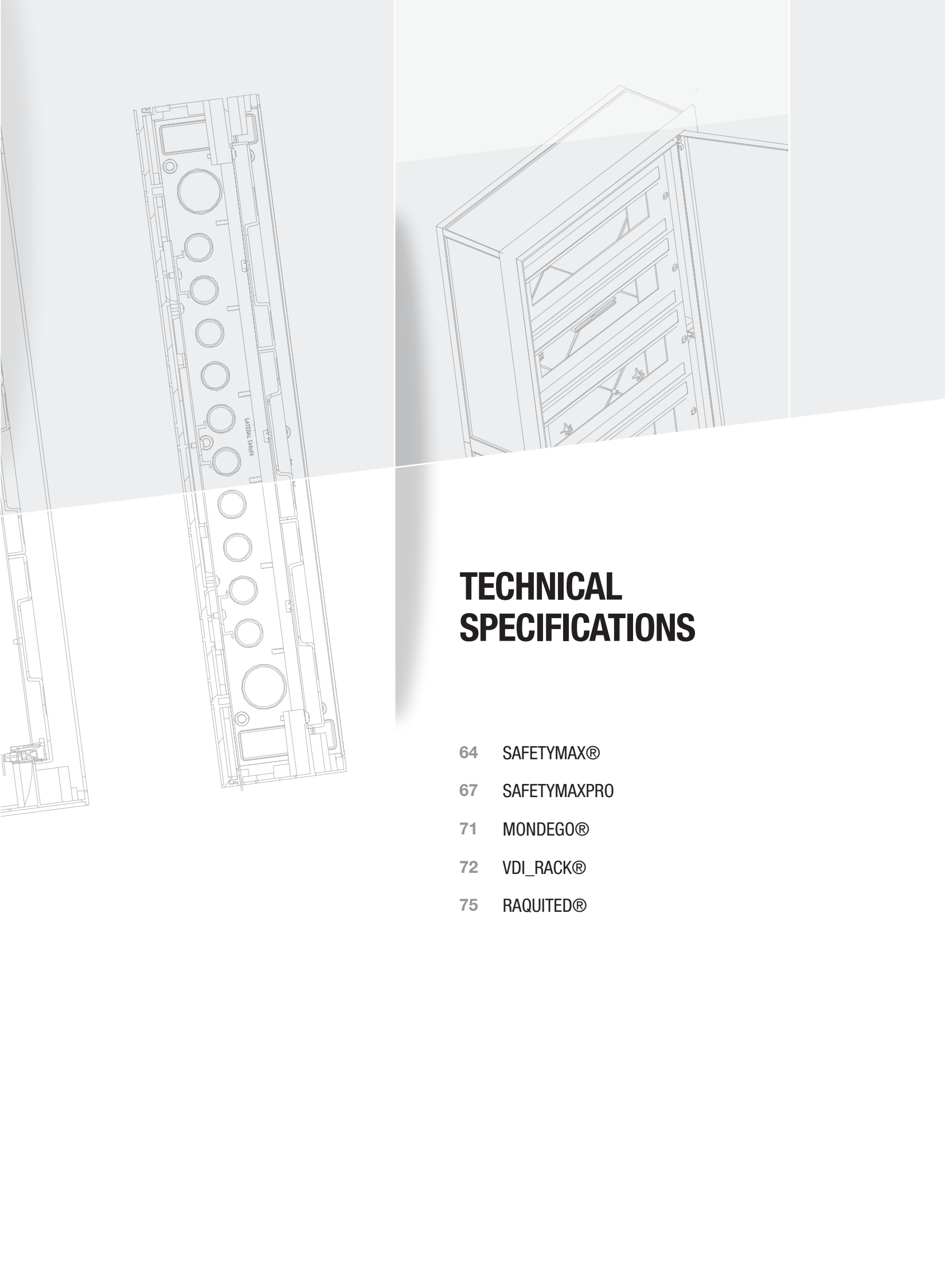
FIBER OPTIC PATCH CORDS

CODE	DESIGNATION	DIMENSION (m)
0023514	FO SC/APC DUPLEX PATCH CORD 2m	2
002351406	FO SC/APC DUPLEX PATCH CORD 6m	6
002351408	FO SC/APC DUPLEX PATCH CORD 8m	8
002351412	FO SC/APC DUPLEX PATCH CORD 12m	12
002351416	FO SC/APC DUPLEX PATCH CORD 16m	16
002351420	FO SC/APC DUPLEX PATCH CORD 20m	20
002351425	FO SC/APC DUPLEX PATCH CORD 25m	25
002351430	FO SC/APC DUPLEX PATCH CORD 30m	30
002351435	FO SC/APC DUPLEX PATCH CORD 35m	35
002351440	FO SC/APC DUPLEX PATCH CORD 40m	40
002351445	FO SC/APC DUPLEX PATCH CORD 45m	45
002351450	FO SC/APC DUPLEX PATCH CORD 50m	50
002351452	FO SC/APC DUPLEX PATCH CORD 52m	52
002351455	FO SC/APC DUPLEX PATCH CORD 55m	55
002351458	FO SC/APC DUPLEX PATCH CORD 58m	58
002351460	FO SC/APC DUPLEX PATCH CORD 60m	60
002351465	FO SC/APC DUPLEX PATCH CORD 65m	65



Patch cord with 2 Optical Fiber, connectorized with SC/APC on each end.
Other sizes available upon request.





TECHNICAL SPECIFICATIONS

- 64 SAFETYMAX®
- 67 SAFETYMAXPRO
- 71 MONDEGO®
- 72 VDI_RACK®
- 75 RAQUITED®

CLASS II INSULATION DISTRIBUTION BOARDS WITH ALUMINUM FRAME AND DOOR

Standardizing Documentation

Low Voltage Directive 2014/35/UE

EN 62208 - Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements (IEC 62208)

Technical Features

- Wide range of distribution boards for 16 up to 168 modules capacity.
- Standardised Insulation Class II enclosures for low-voltage electrical equipment installation.
- Polystyrene enclosure and white lacquered aluminum frame and door.
- To be installed indoors, available to unskilled people, and should be mounted on non-flammable walls.
- Available in 90mm, 125mm and 200mm depths and for Flush Mounted (FM) and Surface Mounted (SM) applications.
- The Surface Mounted (SM) enclosures with 750, 875 and 1000mm height are manufactured with a metal cover - Mechanical Reinforcement - increasing its protection degree to IK09.
- Metallic Reinforcement Kit (bought separately), for D125 surface mounted (SM) enclosures with 350mm and 500mm height, which increases its protection degree to IK09.
- Removable chassis with DIN rail to install switchgear outside the distribution board.
- Allows the installation of different brands of switchgear.
- Individual frames for each row of DIN rails.
- Insulated earth and neutral busbars fixed to the lower and upper supports of the enclosure.
- Circuit identification labels supplied with the product.
- Using the assembly accessories - codes 00225 and 00226 - the flush and surface mounted enclosures are easily assembled, allowing the configuration of several solutions for different applications.
- IP54 and IK07



GWT

650°

Un

230/400V

Ui

500V



200kg/ m³



Max 40°C
Min -5°C



Max
50% - 40°C



Max 55°C
Min -25°C

DISTRIBUTION ENCLOSURES D90

CODE	APPLIC	P _{de} (W) - 30K	N° Mod.	WxHxD (mm)	N (n. busbars x connections)	PE (n. busbars x connections)	IP / IK	In (A)
+32810	ENC	19	2x8	250x375x90	1x10	1x10	IP54 IK07	63A
+32814		22,5	2x8+1x7	250x500x90	2x10	2x10		
+32816		25,7	2x12	325x375x90	2x10	2x10		
+32818		26,5	2x16	400x375x90	2x10	2x10		
+32820		31,9	2x12+1x11	325x500x90	3x10	3x10		
+32822		37	2x20	475x375x90	3x10	3x10		
+32826		41	2x16+1x15	400x500x90	3x10	1x10+1x23		
+32830		40,5	2x24	550x375x90	3x10	1x10+1x23		
+32834		46,5	2x20+1x19	475x500x90	2x10+1x23	2x10+1x23		
+32838		50,5	2x24+1x23	550x500x90	3x10+1x23	1x10+2x23		
+32860	APP	22,5	2x8	250x375x90	1x10	1x10	IP54 IK07	63A
+32864		24	2x8+1x7	250x500x90	2x10	2x10		
+32866		26,7	2x12	325x375x90	2x10	2x10		
+32868		38	2x16	400x375x90	2x10	2x10		
+32870		35,3	2x12+1x11	325x500x90	3x10	3x10		
+32872		42	2x20	475x375x90	3x10	3x10		
+32876		47	2x16+1x15	400x500x90	3x10	1x10+1x23		
+32880		47	2x24	550x375x90	3x10	1x10+1x23		
+32884		51	2x20+1x19	475x500x90	2x10+1x23	2x10+1x23		
+32888		57	2x24+1x23	550x500x90	3x10+1x23	1x10+2x23		

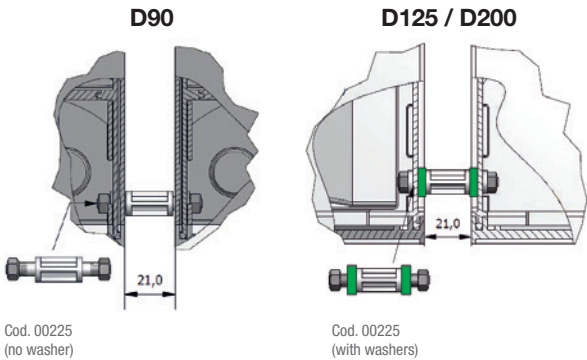
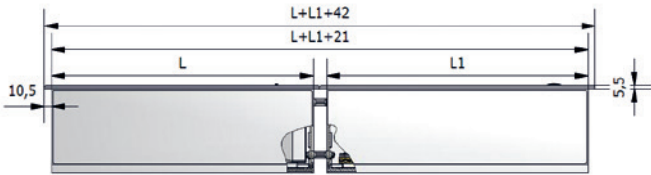
DISTRIBUTION ENCLOSURES D125 - H375 and H500mm

CODE	APPLIC	P ^{de} (W) - 30K	Nº Mod.	WxHxD (mm)	N (n. busbars x connections)	PE (n. busbars x connections)	IP / IK	In (A)
+330	ENC	22	2x8	250x375x125	1x10	1x10	IP54 IK07	125A
+333		23	3x8	250x500x125	2x10	2x10		
+334		26,1	2x12	325x375x125	2x10	2x10		
+336		36	2x16	400x375x125	2x10	2x10		
+337		32,8	3x12	325x500x125	3x10	3x10		
+338		39	2x20	475x375x125	3x10	3x10		
+340		44	2x24	550x375x125	3x10	1x10+1x23		
+342		43	3x16	400x500x125	2x10 + 1x23	2 x10+1x23		
+344		48,5	3x20	475x500x125	2x10+1x23	2x10+1x23		
+348		52,5	3x24	550x500x125	3x10+1x23	1x10+2x23		
+353	APP	23	2x8	250x375x125	1x10	1x10	IP54 IK07 IK09 (con kit de Refuerzo)	
+356		33,5	3x8	250x500x125	2x10	2x10		
+357		37,0	2x12	325x375x125	2x10	2x10		
+359		42	2x16	400x375x125	2x10	2x10		
+360		40,3	3x12	325x500x125	3x10	3x10		
+361		47	2x20	475x375x125	3x10	3x10		
+363		50,5	2x24	550x375x125	3x10	1x10+1x23		
+365		50	3x16	400x500x125	2x10 + 1x23	2x10+1x23		
+367		56	3x20	475x500x125	2x10+1x23	2x10+1x23		
+371		66	3x24	550x500x125	3x10+1x23	1x10+2x23		

DISTRIBUTION ENCLOSURES D125 and D200 - H750, H875 and H1000mm

CODE	APPLIC	P ^{de} (W) - 30K	Nº Mod.	WxHxD (mm)	N (n. busbars x connections)	PE (n. busbars x connections)	IP / IK	In (A)
+34906	ENC	43,8	5x12	325x750x125	5x10	5x10	IP54 IK07	125A
+34910		51	5x16	400x750x125	4x10+1x23	2x10+2x23		
+34912		61	5x16	400x750x200	4x10+1x23	2x10+2x23		
+34915		62	6x16	400x875x125	5x10+1x23	2x10+2x23		
+34917		70	6x16	400x875x200	5x10+1x23	2x10+2x23		
+34920		63	5x20	475x750x125	5x10+1x23	2x10+2x23		
+34922		70,5	5x20	475x750x200	5x10+1x23	2x10+2x23		
+34925		70	7x16	400x1000x125	6x10+1x23	3x10+2x23		
+34927		77	7x16	400x1000x200	6x10+1x23	3x10+2x23		
+34928		71,5	5x24	550x750x125	4x10+2x23	3x10+2x23		
+34929		79	5x24	550x750x200	4x10+2x23	3x10+2x23		
+34930		71,5	6x20	475x875x125	4x10+2x23	3x10+2x23		
+34932		78,5	6x20	475x875x200	4x10+2x23	3x10+2x23		
+34935		79	7x20	475x1000x125	5x10+2x23	4x10+2x23		
+34937		87,5	7x20	475x1000x200	5x10+2x23	4x10+2x23		
+34938		80,5	6x24	550x875x125	5x10+2x23	4x10+2x23		
+34939		88	6x24	550x875x200	5x10+2x23	4x10+2x23		
+34940	89	7x24	550x1000x125	6x10+2x23	5x10+2x23	IP54 IK09		
+34942	107	7x24	550x1000x200	6x10+2x23	5x10+2x23			
+37206	APP (w/ metallic cover)	53,3	5x12	325x750x125	5x10		5x10	
+37210		64	5x16	400x750x125	4x10+1x23		2x10+2x23	
+37212		77,5	5x16	400x750x200	4x10+1x23		2x10+2x23	
+37215		72,5	6x16	400x875x125	5x10+1x23		2x10+2x23	
+37217		85	6x16	400x875x200	5x10+1x23		2x10+2x23	
+37220		74	5x20	475x750x125	5x10+1x23		2x10+2x23	
+37222		85,5	5x20	475x750x200	5x10+1x23		2x10+2x23	
+37225		80	7x16	400x1000x125	6x10+1x23		3x10+2x23	
+37227		104	7x16	400x1000x200	6x10+1x23		3x10+2x23	
+37228		82	5x24	550x750x125	4x10+2x23		3x10+2x23	
+37229		99	5x24	550x750x200	4x10+2x23		3x10+2x23	
+37230		81,5	6x20	475x875x125	4x10+2x23		3x10+2x23	
+37232		104	6x20	475x875x200	4x10+2x23		3x10+2x23	
+37235		92	7x20	475x1000x125	5x10+2x23		4x10+2x23	
+37237		128	7x20	475x1000x200	5x10+2x23		4x10+2x23	
+37238		92,5	6x24	550x875x125	5x10+2x23	4x10+2x23		
+37239		128	6x24	550x875x200	5x10+2x23	4x10+2x23		
+37240	116	7x24	550x1000x125	6x10+2x23	5x10+2x23			
+37242	113	7x24	550x1000x200	6x10+2x23	5x10+2x23			

ASSEMBLY BETWEEN FLUSH MOUNTED ENCLOSURES

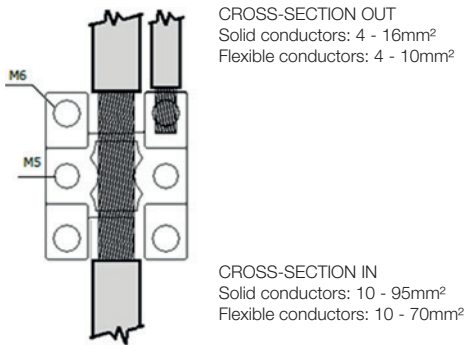


MULTI-POLE DISTRIBUTION BLOCK

Standardizing Documentation

Low Voltage Directive 2014/35/UE

EN 60947-7-1 - Low-voltage switchgear and controlgear. Part 7-1: Ancillary equipment – Terminal blocks for copper conductors (IEC 60947-7-1).



Electrical Features
Rated Insulation Voltage: Ui 500V
Rated Impulse Withstand Voltage: Uimp 6kV
Frequency: 50Hz
Pollution Degree: 3
Current (95mm²): 232A
Current (70mm²): 192A

EARTH BOX

Standardizing Documentation

LOW VOLTAGE DIRECTIVE 2014/35/UE

EN 60670-22 – Boxes and enclosures for electrical accessories for household and similar fixed electrical installations. Part 22: Particular requirements for connecting boxes and enclosures (IEC 60670-22).

CONNECTION CAPACITY

CODE	DESIGNATION	CONNECTION CAPACITY		FEATURES
		IN	OUT	
0028560	EARTH BOX (COPPER) 1 IN + 5 OUT	1 x 35mm²	1 x 25mm² + 4 x 16mm²	Dimensions: 100x200x60 IP43 and IK07. Copper conductive bars. Stainless steel screws. To connect unprepared conductors.
0028570	EARTH BOX (COPPER) 5 IN + 5 OUT	1 x 35mm² + 4 x 16mm²	1 x 25mm² + 4 x 16mm²	
0028580	EARTH BOX (COPPER) 1 IN + 1 OUT	1 x 35mm²	1 x 35mm²	

DISTRIBUTION BOARDS WITH ADJUSTABLE SPACE BETWEEN DIN RAILS

Documentación Normativa

Standardizing Documentation

EN 62208 - Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements (IEC 62208).

EN 61439-1 - Low-voltage switchgear and controlgear assemblies - Part 1: General rules (IEC 61439-1).

EN 61439-3 - Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO). (IEC 61439-3)

Technical Features

- Standardised Class II Insulation Distribution Boards with aluminum frame and door, designed to install low-voltage electrical equipment.
- To be installed indoors in non-flammable walls, available to unqualified personnel.
- Available for 80, 96, 100 e 120 modules.

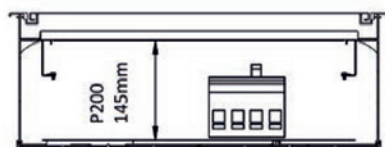
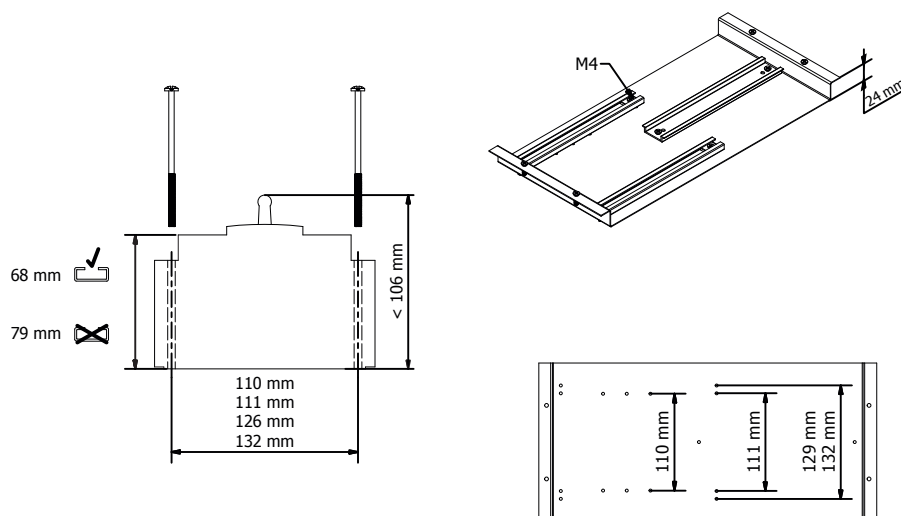
- With blind panels that allow to adjust the space between DIN rails (125mm, 167mm and 208mm).
- Metallic mounting plate to fix accessories, equipment, and cabling organization.
- Available for Flush Mounting (FM) and Surface Mounting (SM) application.
- The surface mounted enclosures are manufactured with an aluminum cover.
- Available in 125mm and 200mm depths.
- Removable chassis with DIN rail to install switchgear.
- Allows the installation of different brands of switchgear.
- Single frames for each DIN rail line.
- Insulated grounding and neutral busbars attached to the lower and upper supports of the enclosure.
- Supplied with circuit marking labels.
- Designed to allow the assembly between enclosures.

		In	Un	Ui	GWT	IP	IK				
EN (IEC) 62208 EN (IEC) 61439-3		250A	230/400V	500V	650°C	54	09	200kg /m³	Max 40°C Min -5°C	Max 50% - 40°C	Max 55°C Min -25°C

CÓD. P125	+42430	+42450	+42460	+42470	+42530	+42550	+42560	+42570
Lines x Modules	4x20	4x24	5x20	5x24	4x20	4x24	5x20	5x24
P_{de} (W) - 30K	71	81	79	89	82	95	92	116
N	2x10F+2x23F	3x10F+2x23F	3x10F+2x23F	3x10F+3x23F	2x10F+2x23F	3x10F+2x23F	3x10F+2x23F	3x10F+2x23F
PE	3x23F	1x10F+3x23F	1x10F+3x23F	1x10F+4x23F	3x23F	1x10F+3x23F	1x10F+3x23F	1x10F+4x23F

CÓD. P200	+42432	+42452	+42462	+42472	+42532	+42552	+42562	+42572
Lines x Modules	4x20	4x24	5x20	5x24	4x20	4x24	5x20	5x24
P_{de} (W) - 30K	79	88	88	107	104	128	128	114
N	2x10F+2x23F	3x10F+2x23F	3x10F+2x23F	3x10F+3x23F	2x10F+2x23F	3x10F+2x23F	3x10F+2x23F	3x10F+2x23F
PE	3x23F	1x10F+3x23F	1x10F+3x23F	1x10F+4x23F	3x23F	1x10F+3x23F	1x10F+3x23F	1x10F+4x23F

SIZING FOR MOUNTING PLATE AND MOUNTING BRACKET



INSULATED NEUTRAL AND EARTH BUSBARS

Standardizing Documentation

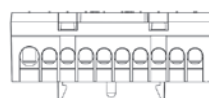
EN 60998-2-1- Connecting devices for low-voltage circuits for household and similar purposes. Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units (IEC 60998-2-1)

Technical Features

- 80A / 100A – 400V
- IP20
- PA support
- To attach to the metallic support or DIN rail

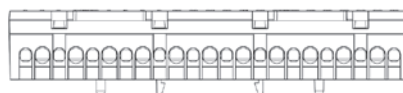
Busbars Connecting Capacity

- NEUTRAL AND EARTH - 10 CONNECT



1x25mm² + 9x16mm²
Hard-line cables: 1 - 25 mm²
Flexible cable: 1 - 16 mm²

- NEUTRAL AND EARTH - 23 CONNECT



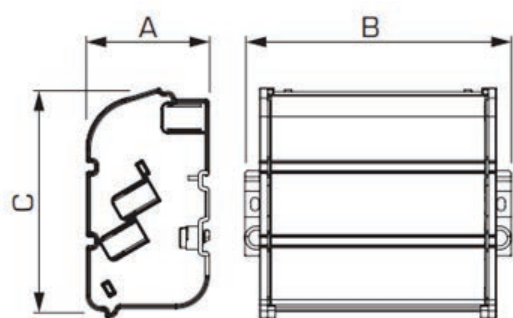
12x10mm² + 11x16mm²
Hard-line cables: 1 - 16 mm²
Flexible cable: 1 - 10 mm²

DISTRIBUTION TERMINAL BLOCKS

CODE	DESIGNATION	Un (V)	In (A)	Ipk (kA)	U imp (kV)	Icc (kA)	Poles	Connect Cap	Dimensions (mm)		
									A	B	C
002180632	DISTRIBUTION TERMINAL BLOCK 63A 2P	750	63	20	8	10	2	6 x Ø5,3 2 x Ø6	45	68	47
002180634	DISTRIBUTION TERMINAL BLOCK 63A 4P	750	63	20	8	10	4	6 x Ø5,3 2 x Ø6	45	72	98
002181252	DISTRIBUTION TERMINAL BLOCK 125A 2P	750	125	22	8	11	2	6 x Ø6 2 x Ø7 2 x Ø8 1 x Ø9	45	105	47
002181254	DISTRIBUTION TERMINAL BLOCK 125A 4P	750	125	22	8	11	4	6 x Ø6 2 x Ø7 2 x Ø8 1 x Ø9	45	109	98
002181604	DISTRIBUTION TERMINAL BLOCK 160A 4P	750	160	24	8	12	4	8 x Ø7 2 x Ø8 2 x Ø9 1 x Ø12	70	186	136

Technical Features

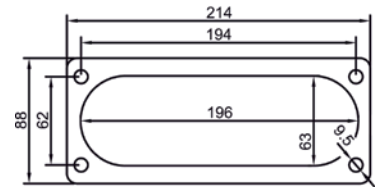
- Bipolar and four-pole circuit breaker of 63A, 125A and 160A.
- With insulating cover to fix to the DIN rail; conductive bars with off-centered holes to facilitate the connections; galvanized mixed head screws.
- The 63A and 125A distribution terminal blocks have platinum fixing accessories.
- The 160A distribution terminal blocks have claws of 1/4 turn to fix to the DIN rail.



Using temperature	-5°C to 85°C
Heat resistance	130°C
Conductive bars	Brass
Screws	Galvanized steel
Insulating accessory	Polycarbonate and polyamide
Self-extinguishing	850°C
Standards	EN (IEC) 60998-1; EN (IEC) 60998-2-1; EN (IEC) 60947-7-1
Directives	RoHS 2011/65/UE; 2015/863/UE LVD 2014/35/UE

MULTIGATE PANEL

CODE	COLOUR	THREAD Ø	W x D	IP
00223010	GREY	2 x (24-54mm) 1 x (30-60mm) 4 x (8 - 12mm)*	214 x 88	IP55/ IP54*
00223016	GREY	1 x (20-26mm / 12-55mm) 16 x (8-14mm / 7-10mm) 4 x (14-20mm / 5-10mm) 4 x (5-7mm)	214 x 88	IP55
00223018	GREY	1 x (17-32mm) 2 x (12-18mm) 16 x (10-14mm) 12 x (7-12mm) 4 x (6-10mm)	214 x 88	IP65



CABLE GLANDS

TECHNICAL FEATURES

Raw material

PA6.6 Nylon (polyamide 6.6) UL94-VD Grey
High resistance to abrasion; self-lubrication; high mechanical resistance

Sealing membrane

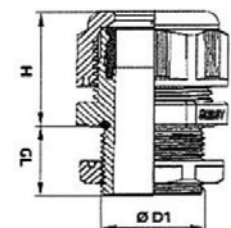
NBR - Rubber seal ring with high resistance to fuel based fluids. The NBR seal should not be used in places with temperature risk above 80°C and it is not resistant to solvents.

EPDM (ethylene propylene diene rubber) - exceptional resistance to heat, to the ozone and weather conditions

Work temperature

-40°C to 100°C static, with instant warm-up up to 120°C
-20°C to 80°C moving, with instant warm-up up to 100°C

CODE	COLOUR	THREAD ØD1	>Ø< (mm)	H (mm)	GL (mm)	IP	Y (mm)
00223216	GREY	M16x1,5	4-8	22	15	IP68	19
00223220	GREY	M20x1,5	6-12	27	15	IP68	22
00223225	GREY	M25x1,5	13-18	31	15	IP68	33
00223232	GREY	M32x1,5	18-25	39	15	IP68	42
00223240	GREY	M40x1,5	22-32	48	18	IP68	53
00223250	GREY	M50x1,5	32-38	49	18	IP68	60
00223263	GREY	M63x1,5	37-44	49	18	IP68	65/68



IP65 DISTRIBUTION BOARDS

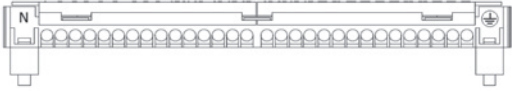
Standardizing Documentation

Low Voltage Directive (LVD) 2014/35/UE

60670-24 - Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 24: Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipment.

Technical Features

- Class II Insulation enclosures for low-voltage electrical equipment installation.
- Surface mounted enclosures intended for indoor and outdoor applications.
- Made of ASA (Acrylonitrile Acrylic Styrene), 100% UV stable and weather resistant and polycarbonate transparent door.
- Rotating plastic handle lock that can be replaced by the metallic cam lock (code +61310).
- Sealable enclosures.
- Insulated neutral and earth busbars made of ABS + Polycarbonate + Fiberglass.
- Cropped sides to improve accessibility and handling and pre-tears on the sides and tops with metric identification for cabling.
- Identification of the distance between holes on the back to fix the box on the wall.
- Codes +60104, +60106 and +60108 (4, 6 and 8 modules), have a 90° vertical opening door.
- Codes +60112, +60118; +60212; +60312 and +60412 (12, 18, 24, 36 and 48 modules), have a 180° horizontal opening door and can be easily fixed on the right or left side of the enclosure.
- Codes +60112, +60118; +60212; +60312 and +60412 (12, 18, 24, 36 and 48 modules), have an adjustable DIN rail holder, which allows the installation of a diversity of modular devices with different depths.

CODE	+60104	+60106	+60108	+60112	+60118	+60212	+60312	+60412
(W x H x D (mm))	127x200x120	165x200x120	200x200x12	318x258x144	428x258x144	318x383x144	318x535x144	318x664x144
Modules	4	6	8	12	18	24	36	48
P_{de} (W) - 30K	10	11	13	16	20	24	26	35
Busbars H07V-R - 16mm ² H07V-K - 10mm ²								
	1xN: 4x16 □ 1xPE: 4x16 □	1xN: 6x16 □ 1xPE: 6x16 □	1xN: 8x16 □ 1xPE: 8x16 □	1xN: 10x16 □ 1xPE: 10x16 □	1xN: 15x16 □ 1xPE: 15x16 □	2x N: 10x16 □ 2x PE: 10x16 □	2x N: 15x16 □ 2x PE: 15x16 □	2x N: 20x16 □ 2x PE: 20x16 □
Glow Wire Test	960°C							
I_n	≤ 63A							
U_n	AC 400V/DC 1000V							

VDI_RACK - ENCLOSURES FOR VOICE, DATA AND IMAGE CENTRALIZATION AND DISTRIBUTION

Standardizing Documentation

LOW VOLTAGE DIRECTIVE 2014/35/UE

EN 62208 - Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements (IEC 62208)

Technical Features

- Polystyrene enclosure with pre-drilled white lacquered metallic mounting plate.
- White (RAL 9010) lacquered aluminum frame and door and flat plastic handle lock (code 0021008).
- Available in 90mm and 125mm depths.
- Available for flush mounted (FM) and surface mounted (SM) applications.
- The D90 (depth 90mm) VDI_RACK® is the perfect solution for thin walls. Designed to install the empty or equipped L panels, fixed to the metallic mounting plate.

- The D125 (125mm depth) VDI_RACK® enclosures have a metallic support to fix the frontal panels. The L panels can be intalled in the mettalic mounting plate.
- The VDI_RACK® enclosures include an earth busbar for 6 connections 3x10mm² + 3x16mm², and a shucko socket.
- The RJ_FLEX® panel allows the voice distribution from two different operators to each output. A data network using network equipments can also be made.
- The shelves (codes 0023530 and 0023534) are designed to include up to 4 FO adapters.
- The Coaxial (CC) panels allow the signal distribution - for CATV or SMATV/MATV.
- The VDI_RACK® has free room for network equipments.
- The VDI_RACK® must be installed in an easily accesible place, preferably close to the distribution board, to which it must be connect.

TECHNICAL FEATURES – VDI®

CODE	U's	WxHxD (mm)	Pde (W) – 30K
00096532	-	400x375x90	26,5
00096533		400x375x90	38
00096534		400x500x90	40,5
00096535		400x500x90	47
00096538	6U	400x375x125	36
00096539		400x375x125	42
00096540	9U	400x500x125	43
00096541		400x500x125	50
00096542	14U	400x750x125	51
00096543		400x750x125	64

RJ_FLEX® PANEL

IN - CONNECTOR

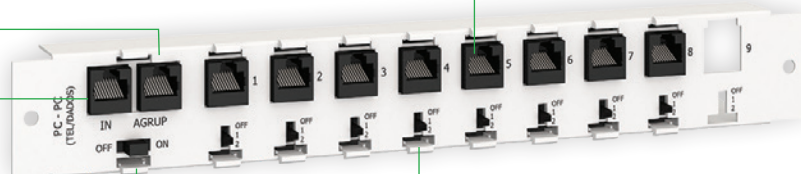
Connected to the output modules, for voice distribution

EXTENSION CONNECTOR

CAT6 RJ45 to connect with other **RJ_FLEX**® copper pair panels

CP OUTPUT

CAT6 RJ45 to connect to a network equipment. The connection to the final RJ45 socket is made on the back of the **RJ_FLEX**® OUT connector

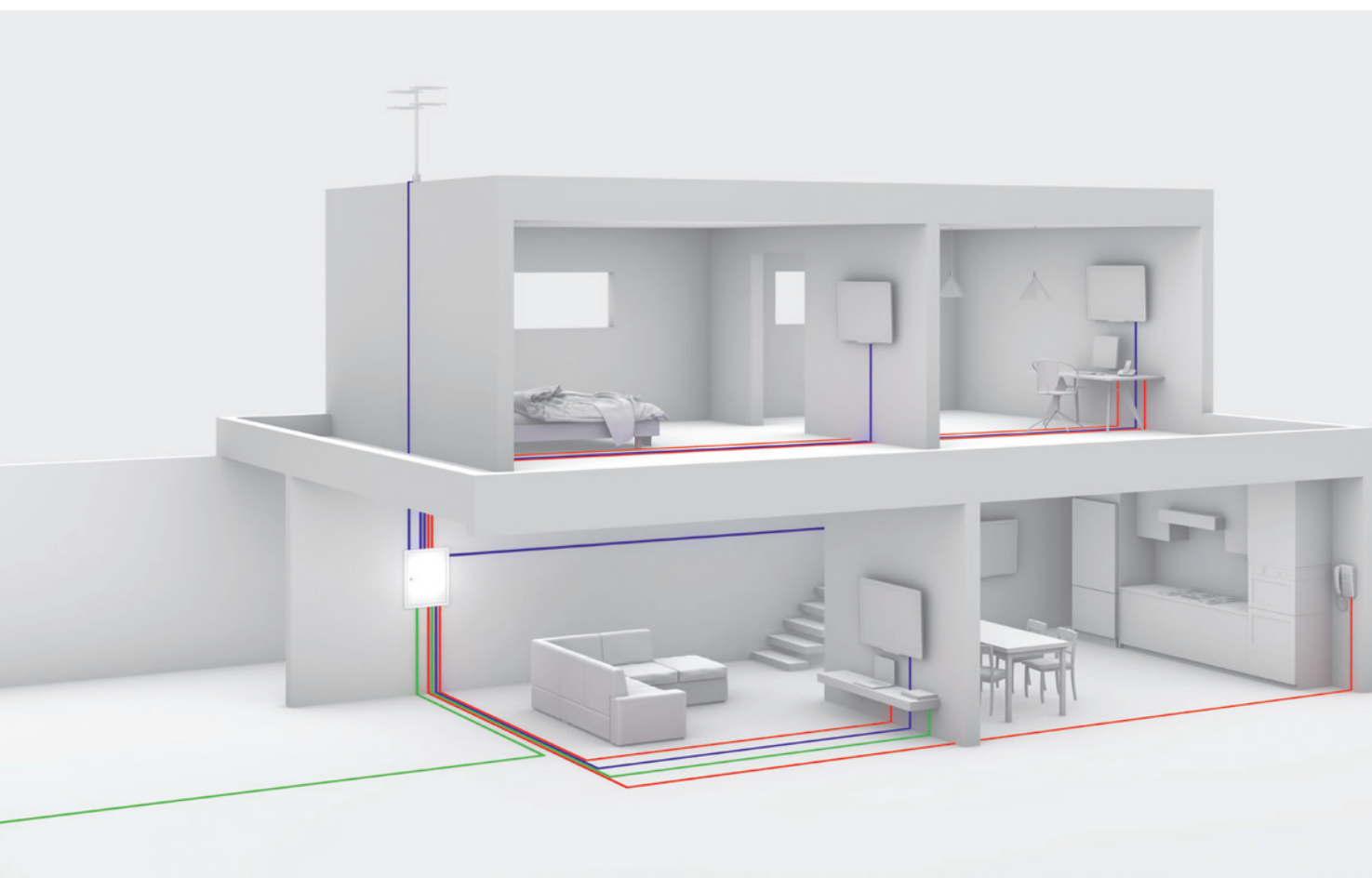


ON – to distribute voice (phone) for all the output **RJ_FLEX**® connectors
OFF – for testing

SWITCH

1 and 2 position – for voice distribution, choose one of the two operators connected to the IN connector

OFF – CAT6 RJ45 connector, independent from the voice connection (1 and 2 positions) to connect a network equipment



PANEL COAXIAL

S/MATV INPUT

F/F connector to connect to the collective network cable.

CATV INPUT

F/F connector to make the connection to the collective network cable.

CC OUTPUTS

To connect the cables from the final sockets.

EXTRA CONNECTIONS

To equip with splitter (cod 002356202), allowing to mix 2 signals.

COAXIAL BRIDGE

Allows choosing the signal in the final sockets.

IN

Coaxial entry.



The diagram shows a white rectangular panel with various ports and switches. On the left, there are three small circular ports labeled 'IN AUX', 'ZAP', and 'S/MATV'. Above them is a label 'RG / RC - CC 5-2000 MHz'. In the center, there is a larger circular port labeled 'CATV' and a switch labeled 'IN'. On the right, there are several small circular ports labeled 'CC OUTPUTS'. Green lines connect the text labels to their corresponding ports on the panel.

COAXIAL SPLITTERS

RC-CC (outputs)		1xCC4	1xCC6	1xCC8	1xCC12	1xCC16
Frequency	Splitter code	519594	519596	519598	519383 + 519594	519384 + 519598
	Insertion Losses (dB)					
	47 MHz	9	12	15	18	20
	862 MHz	9	12	15	18	20
	950 MHz	8	11	14	18	20
	2150 MHz	8	11	14	18	20
Rejection Between Output (dB)		>20				
DC Flow OUT-IN		Yes				
Connectors		"F"				

19" AND 10" RACKS

Standardizing Documentation

LOW VOLTAGE DIRECTIVE (LVD) 2014/35/UE

EN 62208 - Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements (IEC 62208)

Technical Features

- 19" and 10" telecommunication racks available in white (RAL 9010), grey (RAL 7035) and black (RAL 9005).
- Easy cabling management through the openings on top and bottom of the rack.
- Chassis to fix the panels are marked with the number of Us.
- Each rack include extra Us, one on top and one at the bottom.
- Wide range of 10" and 19" panels and accessories for Coaxial; Copper Pair and Optical Fiber.
- IP20

19" Racks

- Wall mounted racks with 6, 8, 13 and 17U.
- Floor mounted with 24U.
- Front door with tempered glass with right or left opening and metallic cam lock and key.
- Include passing cable panels.
- Easy opening side doors.
- Floor mounted racks with four doors with locks and keys.
- Depth-adjustable chassis to allow a solution suitable to the needs of the project and cabling.
- Ventilation through natural convection, with possibility of forced ventilation.

10" Racks

- Wall mounted racks with 6U.
- Metallic door with right or left opening.
- Ventilation through natural convection.

COAXIAL SPLITTERS

RC-CC (outputs)		1xCC4	1xCC6	1xCC8	1xCC12	1xCC16
Frequency	Splitter code	519594	519596	519598	519383 + 519594	519384 + 519598
	Insertion Losses (dB)					
	47 MHz	9	12	15	18	20
	862 MHz	9	12	15	18	20
	950 MHz	8	11	14	18	20
	2150 MHz	8	11	14	18	20
Rejection Between Output (dB)		>20				
DC Flow OUT-IN		Yes				
Connectors		"F"				



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