

For Country Specific Outlets, please contact your local R&M partners.















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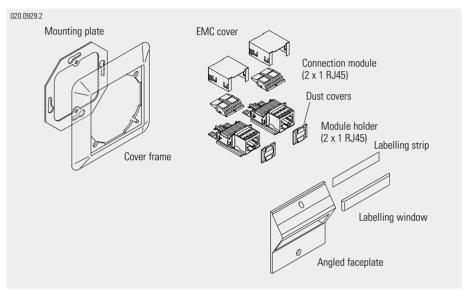
Notes

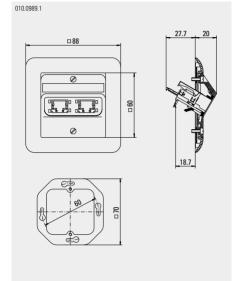


These outlets are designed for flush installation on walls or ducts. The outlets accommodate cover frames and duct covers with \emptyset 70 mm or 70 mm cutouts. The mounting plate allows installation on backboxes a

 $\hfill \hfill \hfill$

Recommended depth for backboxes and floorboxes > 70 mm.





R305150

Ordering Information Description Packing Unit Part Number



FM Global Outlet, 88 x 88, 2 x 1 Port (incl. blind cover for the optional use as 1-port outlet)

Plastic: PC + ABS

Halogen-free in acc. with DIN/VDE 0472/815

 Colour: white/RAL 9010
 10
 R310788

 Colour: beige/RAL 1013
 10
 R310789

10



FM Global Outlet, 88 x 88, 4 x 1 Port

Plastic: ASA + PC

Halogen-free in acc. with DIN/VDE 0472/815

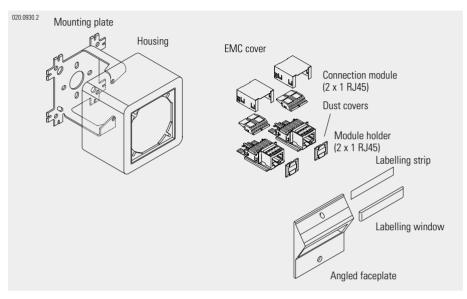
Colour: white/RAL 9010

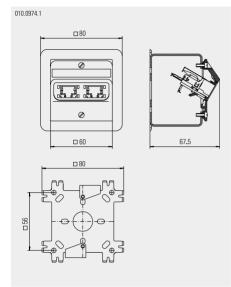
Matching Modules						Matching Accesso	ories	
1 x RJ45/s 1 x RJ45/u (1+2 port only)	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6 (1+2 port only)	1 x RJ45 without Mounting Plate (4+1 port only)	FO Adapters (1+2 port only)			Security Products	Splash Protective Line	Accessories
010.2860	010.2859	010.2016	020.0700	New ISDN module will be available in middle 2005		010.0962.2	010.2128.1	010.0934
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WM Outlets 78 x 78 mm



These outlets are designed for installation on walls or ducts. The installation cables can enter through the side or from the rear. The mounting plate allows wall-mounted installations with \varnothing 60 mm mounting track or \square 56 mm mounting distance.





Ordering Information 090.2084

WM Outlet, 80 x 80, 2 x 1 Port (incl. blind cover for the optional use as 1-port outlet)

Plastic: PC + ABS

Description

Halogen-free in acc. with DIN/VDE 0472/815

Colour: white/RAL 9010

Packing Unit R310786 10

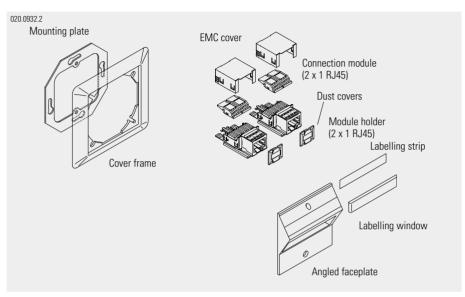
Part Number

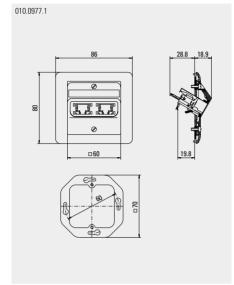
Matching Module	Matching Modules						Matching Accessories			
1 x RJ45/s 1 x RJ45/u	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6	FO Adapters				Security Products	Splash Protective Line	Accessories		
010.2860	010.2859	020.0700	New ISDN module will be available in middle 2005			010.0962.2	010.2128.1	010.0934		
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These outlets are designed for installation in ducts with \updownarrow 80 mm metal or plastic covers.

The mounting plate allows the flush installation on backboxes and floorboxes with \varnothing 60 mm mounting track or \square 56 mm mounting distance. Recommended depth for backboxes and floorboxes > 70 mm.





R305151

Ordering Information	Description	Packing Unit	Part Number
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DM Outlet, 80 x 86, 2 x 1 Port (incl. blind cover for the optional use as 1-port outlet)

Plastic: PC + ABS

Halogen-free in acc. with DIN/VDE 0472/815

 Colour: white/RAL 9010
 10
 R310790

 Colour: beige/RAL 1013
 10
 R310787

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DM Outlet, 80 x 86, 4 x 1 Port

Plastic: ASA + PC Halogen-free in acc. with DIN/VDE 0472/815

Colour: white/RAL 9010

Matching Modules						Matching Access	ories	
1 x RJ45/s 1 x RJ45/u (1+2 port only)	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6 (1+2 port only)	1 x RJ45 without Mounting Plate (4+1 port only)	FO Adapters (1+2 port only)			Security Products	Splash Protective Line	Accessories
010.2860	010.2859	010.2016	020.0700	New ISDN module will be available in middle 2005		010.0962.2	010.2128.1	010.0934
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DM Outlets \varnothing 62.5 mm

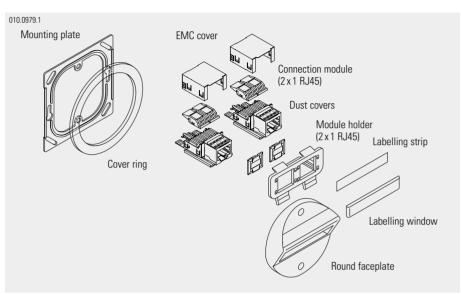


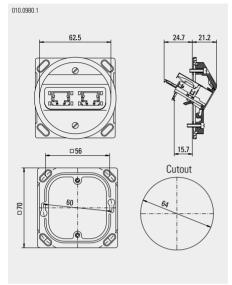
These outlets are designed for installation in ducts with metal or plastic

The outlets are designed for cover frames and duct covers with \varnothing 64 mm cutouts.

The mounting plate allows the installation on backboxes and floorboxes with \varnothing 60 mm mounting track or \square 56 mm mounting distance.

Recommended depth for backboxes and floorboxes > 70 mm.





010.2847/010.0948	

Ordering Information

010.2030

DM Outlet, \varnothing 62.5 mm, 2 x 1 Port (incl. blind cover for the optional use as 1-port outlet)

Plastic: ASA + PC

Description

Halogen-free in acc. with DIN/VDE 0472/815

Colour: white/RAL 9010

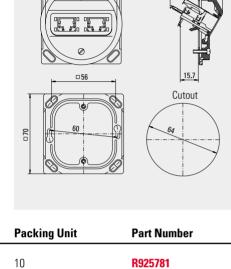


DM Outlet, Ø 62.5 mm, 4 x 1 Port

Plastic: ASA + PC

Halogen-free in acc. with DIN/VDE 0472/815

Colour: white/RAL 9010



R305012

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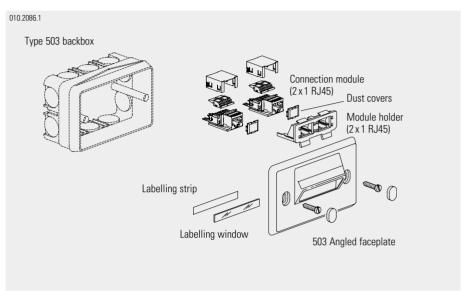
Matching Module	PS		Matching Accessories				
1 x RJ45/s 1 x RJ45/u (1+2 port only)	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6 (1+2 port only)	1 x RJ45 without Mounting Plate (4+1 port only)	FO Adapters (1+2 port only)	2 x RJ45 ISDN	Security Products	Splash Protective Line	Accessories
010.2858	010.2859	010.2016	010.2914	010.1677	010.0962.2	010.2128.1	020.0045
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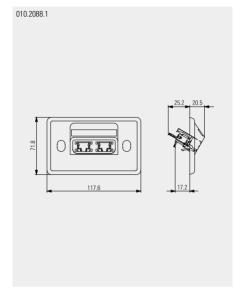




The 503 outlets are designed for flush installation on walls as well as in ducts and service poles.

The mounting plate allows flush installation on backboxes with \leftrightarrow 83.5 mm mounting distance.





Ordering Information	Description	Packing Unit	Part Number
010.2848	503 Outlet, 2 x 1 Port (incl. blind cover for the optional use as 1-port outlet) Plastic: PC, PC+ABS Halogen-free in acc. with DIN/VDE 0472/815 Colour: white/RAL 9010	10	R925782
010 2024	503 Outlet. 4 x 1 Port	10	R304275



503 Outlet, 4 x 1 Port10
R304275
For RJ45 Snap-In modules
Colour: white/RAL 9010

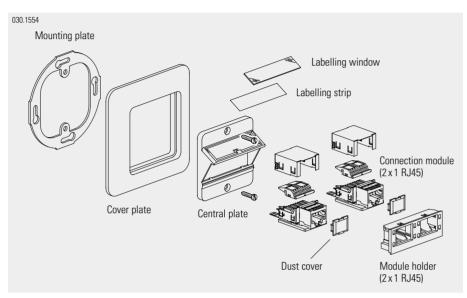
Matching Module	es .	Matching Accessories						
1 x RJ45/s 1 x RJ45/u (1+2 port only)	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6 (1+2 port only)	1 x RJ45 Snap-In Module (4+1 port only)	FO Adapters (1+2 port only)	2 x RJ45 ISDN		Security Products (1+2 port only)	Splash Protective Line (1+2 port only)	Accessories
010.2858	010.2859	010.2016.1	020.0700	010.1677		010.0962.2	010.2128.1	020.0045
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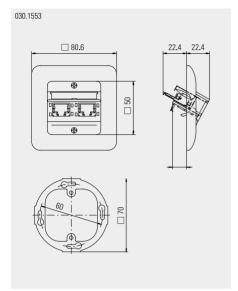
DIN Outlets



The 50 x 50 outlets are ideal for flush installations as well as for ducts, floorboxes and service pole installations. The design of its central plate allows combinations with most German circuit programmes. It is available in the version 80 x 80 too, as overall solution.

Recommended depth for backboxes and floorboxes > 70 mm.





Ordering Information Description Packing Unit Part Number



50 x 50 Outlet, 2 x 1 Port incl. blind cover

Plastic: ASA.

Halogen-free in acc. with DIN/VDE 0472/815.

 Colour: white/RAL 9010
 10
 R306010

 Colour: beige/RAL 1013
 10
 R306008



80 x 80 Outlet, 2 x 1 Port incl. blind cover

Plastic: ASA.

Halogen-free in acc. with DIN/VDE 0472/815.

 Colour: white/RAL 9010
 10
 R306006

 Colour: beige/RAL 1013
 10
 R306004

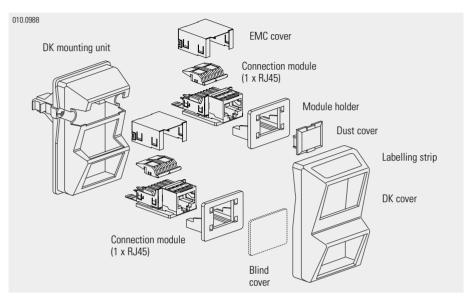
Matching Module	Matching Modules					Matching Accessories			
1 x RJ45/s 1 x RJ45/u	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6	FO Adapters				Security Products	Splash Protective Line	Accessories	
010.2860	010.2859	020.0700				010.0962.2	010.2128.1	010.0934	
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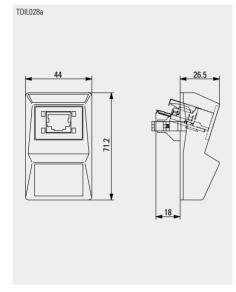


010.0918

DK mounting units are designed for installation on walls or in ducts. The connection module holder is pressed into the matching openings. If no connection module is to be fitted, a blind cover can be inserted instead. A cover frame is also available to ensure smooth appearance. The cover is slipped on after installation of the mounting unit. The snap-on mounting can be used with CLIC'LINE protective housings from the third-party supplier LK. Recommended depth for backboxes and floorboxes > 70 mm.



010.0919



Ordering Information		Description	Packing Unit	Part Number
010.0917	010.1273	DK Mounting Unit, 2 x 1 Port Plastic: ABS. Colour: white/RAL 9010	10	R925628
	().SN	DK Mounting Unit, 2 x 1 Port Plastic: ABS. Colour: grey/RAL 7044	10	R925689
	, all	Snap-On DK Mounting Unit, 2 x 1 Port Plastic: PC + ABS. Colour: white/RAL9010	10	R300412
		Blind Cover for DK Mounting Unit Plastic: ABS Colour: white/RAL 9010	10	R925631
		Blind Cover for DK Mounting Unit Plastic: ABS Colour: grey/RAL 7044	10	R925653

Matching Modul	Matching Modules			Matching Accessories			
1 x RJ45/s 1 x RJ45/u	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6	FO Adapters		Security Products	Splash Protective Line	Accessories	
010.2880	010.2859	020.0700		010.0962.2	010.2128.1	020.1001	
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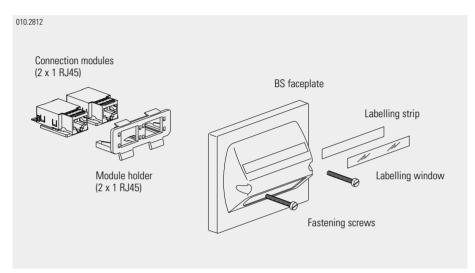
BS Faceplates (British Standard)

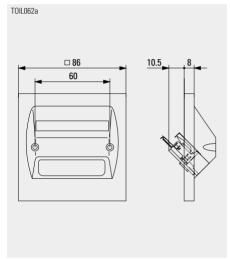


BS Faceplates are suitable for flush and surface mounting. Surface mounting requires an additional standard surface mounting box. The connection modules take up a minimum installation depth of only 10.5 mm.

The material used is UV resistant in acc. with VO specifications. Fastening screws are included in the kit.

Recommended depth for backboxes and floorboxes > 70 mm.





Part Number

010.0931				
	1	-		
	No			

Ordering Information

BS Faceplate, 2 x 1 Port (incl. blind cover for the optional use as 1-port outlet)

Plastic: ABS, PC Colour: white/RAL 9010

Description

10 **R925718**

Packing Unit



BS Faceplate, 4 x 1 Port

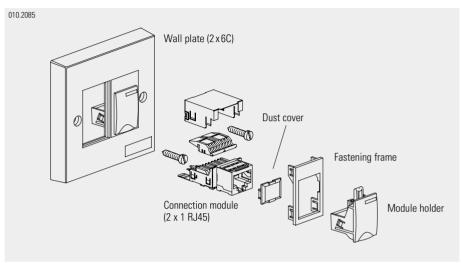
Plastic: ABS, PC Colour: white/RAL 9010 10 R925950

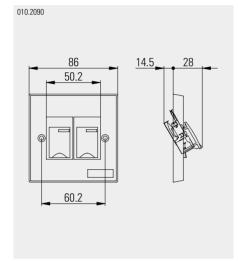
Matching Modules				Matching Accessories			
1 x RJ45/s 1 x RJ45/u	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6	FO Adapters	2 x RJ45 ISDN (1+2 port only)		Security Products	Splash Protective Line	Accessories
010.2860	010.2859	010.2914	010.1677		010.0962.2	010.2128.1	020.0045
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The Flap Jack module holders were specifically developed for the R&Mfreenet RJ45 module. The fact that the RJ45 module is placed horizontally into the holder reduces the space required by nearly 50% compared to standard solutions. Another welcome advantage in surface-mounted and also wall-mounted installations is the angled outlet at 45°. Moreover, when closed, the Flap Jack fits the internationally important British standard cutout (6C).





Part Number

R303155

R305702

R303154

Packing Unit

20

010.2018/010.2018.1	

Ordering Information

Flap Jack Module holder (Type 6C)

Plastic: PC

Description

Halogen-free in acc. with DIN/VDE 0472/815

Colour: white 20 Colour: black 20



Flap Jack Wall Plate, 86 x 86, 2 x 1 Port

Plastic: PC

Halogen-free in acc. with DIN/VDE 0472/815

Colour: white

Matahina Madula	Matahing Madulas						
	Matching Modules						
1 x RJ45/s 1 x RJ45/u without mounting plate	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6 without mounting plate						
010.2022.1	010.2016						
010.2023	010.2017						
Page 40	Page 40						

Shuttered Fascia 25 x 50 mm

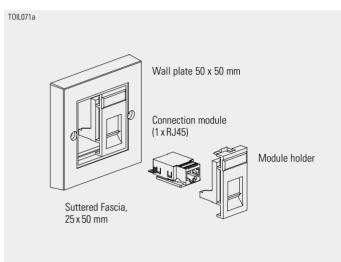


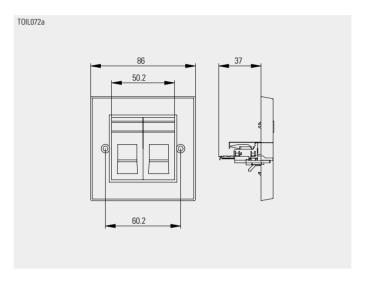
The self-closing Shuttered Fascia 25 x 50 mm is designed for 1 x RJ45 outlet connection module.

They can be mounted to wall plates and floorbox module holders with 25×50 mm, 50×50 mm or 50×100 mm openings, and used in flush mounting on walls, pedestals as well as metal and plastic ducts (conduits, raceways).

They are also ideal for surface mounting in backboxes and for installation on walls or ducts using the appropriate adapter collar or surface mount box.

Recommended depth for backboxes and floorboxes > 70 mm.





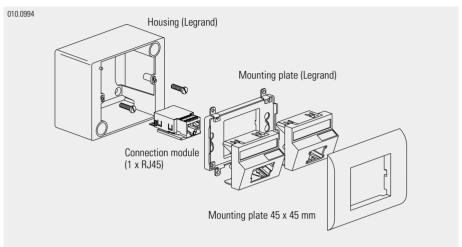
Ordering Information	Description	Packing Unit	Part Number
010.0951	Shuttered Fascia, 25 x 50 mm, 1 Port Plastic: ABS. Certification: C-UL-US Colour: white/RAL 9010	20	R925842
	1 Wallplate Fascia, 50 x 50 mm	20	R925895
	2 Blind Cover Fascia, 25 x 50 mm	40	R925897
	All products in white/RAL 9010.		

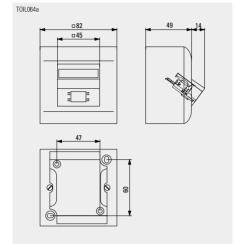
Matching Modules						
1 x RJ45/s 1 x RJ45/u	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6					
010.2860	010.2859					
010.2858	010.2857					
Page 36/37	Page 36/37					



The Mounting Plates 45 x 45 mm are designed for screw-less flush installation in cover frames and duct covers with 45 x 45 mm cutouts. They can be mounted to walls or ducts (with Legrand components) in wall installations.

Recommended depth for backboxes and floorboxes > 70 mm.





Ordering Information	Description	Packing Unit	Part Number
010.1272	Mounting Plate 45 x 45 mm, 1 Port Mounting Plate 45 x 45 mm, 2 x 1 Port Plastic: ABS Colour: white/RAL 9010	10 10	R925722 R925795
010.2033	Mounting Plate 45 x 45 mm, 1 Port, dust cover Mounting Plate 45 x 45 mm, 2 x 1 Port, dust cover Plastic: PC, PP Colour: white/RAL 9010	10 10	R304313 R304314
010.2036	Dust Cover Flap, blue Dust Cover Flap, green Dust Cover Flap, red Dust Cover Flap, yellow Plastic: PP	10 10 10 10	R304315 R304316 R304317 R304318

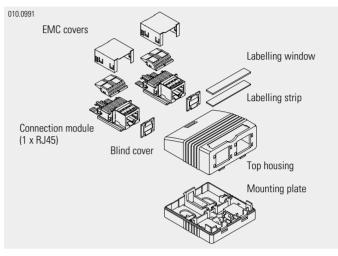
Matching Module	Matching Modules				Matching Accessories		
1 x RJ45/s 1 x RJ45/u	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6	FO Adapters (with R925722)	1 x RJ45 ISDN (with R925722)		Security Products (with R925722)	Splash Protective Line (with R925722)	Accessories
010.2860	010.2859	020.0700	020.0077		010.0962.2	010.2128.1	020.0045
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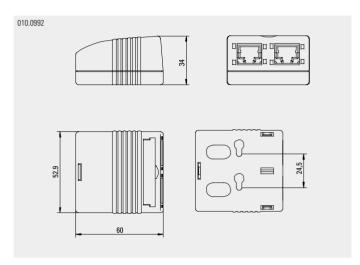
Mini Surface Box



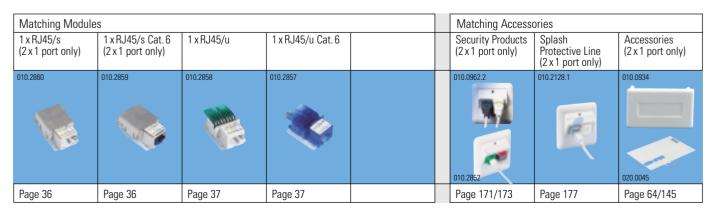
The compact Mini Surface Box allows adaptation to present and future installations.

The two-part design consists of a self-locking housing and a base unit. Cable entry is possible from below or from rear with knock-out section.





Ordering Information	Description	Packing Unit	Part Number
010.0938	Mini Surface Box, 2 x 1 Port (Incl. blind cover for the optional use as 1-port outlet) Plastic: ASA + PC Colour: white/RAL 9010	10	R925728
090.2093	Mini Surface Box, 1 Port Colour: cream/RAL 9001	1	R303901
010.1903	Mini Surface Box, RJ11, 4 Pole, 1 Port Incl. RJ11 module Colour: cream/RAL 9001	1	R303903

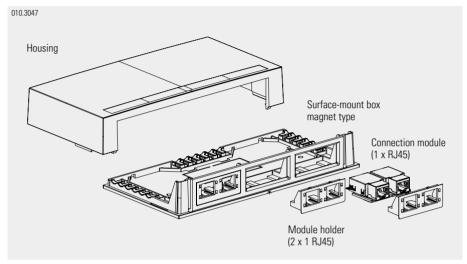


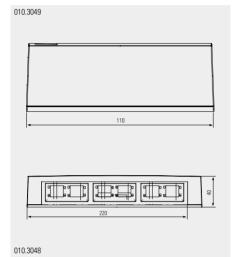




The 6 x 1 Port Compact Box is designed for surface installation on any material, and is fastened with screws. The WM boxes are ideal for a wide range of applications. R&M has developed the new 6 x 1 port box in response to the new requirements. The new dimensions of the box allow the use of even Cat.7 installation cables. They can even be equipped with FO applications.

Hinged dust covers can be used for colour coding. The housing complies with VO specifications.





Part Number

Ordering Information

Plastic: ABS, PC Colour: white/RAL 9010

Description



Packing Unit



Matching Module	Matching Modules				Matching Accessories		
1 x RJ45/s 1 x RJ45/u	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6	Coupler Module Cat. 5e, s	FO Adapters (1+2 port only)		Universal Cover Plate	Security Products	
010.2850	010.2859	010.2411	020.0700		010.0934	010.0962.2	
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US Style Faceplates 1 and 2 x 1 Port

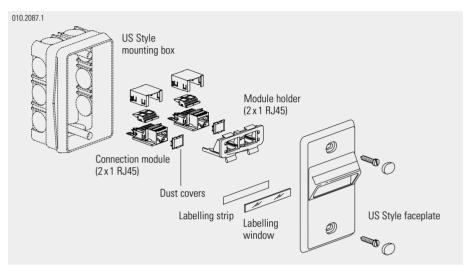


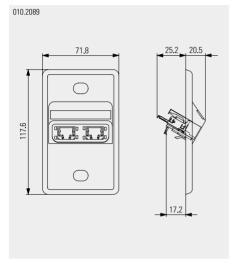
US Style Faceplates are designed for flush mounting on walls as well as for installation in ducts with metal or plastic covers.

For surface mounting on walls and installation in ducts the US style mounting box can be used (see page 137).

The presented faceplates allow flush installation on backboxes with \leftrightarrow 83.5 mm (3.29 inch) mounting distance. They can be mounted on US standard backboxes with min. \leftrightarrow 50 mm (1.97 inch) mounting distance or with sub-frames.

Recommended depth for backboxes and floorboxes > 70 mm.





 Ordering Information
 Description
 Packing Unit
 Part Number



US Style Faceplate, 2 x 1 Port (incl. blind cover for the optional use as 1-port outlet)

Plastic: PC, PC + ABS Certifications: C-UL-US Colour: white/RAL 9010 10 **R925758**

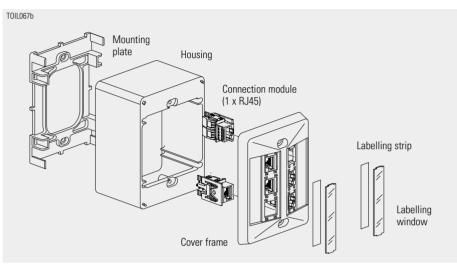
Matching Modules			Matching Accesso	Matching Accessories			
1 x RJ45/s 1 x RJ45/u	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6	FO Adapters	2 x RJ45 ISDN		Security Products	Splash Protective Line	Accessories
010.2860	010.2859	010.2914	010.1677		010.0962.2	010.2128.1	020.0045
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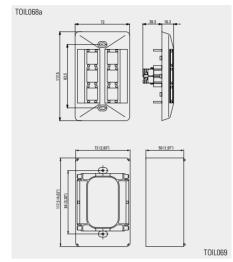


US Style Faceplates are designed for flush mounting on walls as well as for installation in ducts with metal or plastic covers. These faceplates can be mounted on US standard backboxes.

For surface mounting on walls and installation in ducts the backbox for the US style mounting box can be used.

The high-impact VO plastic box conforms to C-UL-US requirements.





010.1274

Ordering Information

US Style Faceplate, 6 x 1 Port

Plastic: PC, glass-fiber reinforced

Halogen-free: in acc. with DIN/VDE 0472/815

Colour: white/RAL 9010

Description

Packing Unit Part Number

10 R925822

R925824

10



Mounting Box for US Style Faceplate

Plastic: PC, glass-fiber reinforced

Halogen-free: in acc. with DIN/VDE 0472/815

Colour: white/RAL 9010

Matching Modul	es		Matching Access	ories	
1 x RJ45/s 1 x RJ45/u	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6	FO Adapters	Security Products	Splash Protective Line	Accessories
10.2860	010.2859	020.0700	010.0962.2	010.2128.1	010.0934

Outlets 12 x 1 Port (MUTO)



These outlets are designed for surface installation next to ducts or for flush-mounted installations.

They allow data and telephone support of working groups in open-plan offices. They are also ideal for SOHO applications e.g. as small central distributor between floor distributor and work places.

Ordering Information

Description

Packing Unit

Part Number

R302387



FM Outlet 12 x 1 Port

Plastic: ASA + PC Halogen-free: in acc. with DIN/VDE 0472/815

Colour: white/RAL 9010

1

R302388



WM Outlet 12 x 1 Port Plastic: ASA + PC

Halogen-free: in acc. with DIN/VDE 0472/815

WM housing: lacquered wood Colour: white/RAL 9010

Matching Modules			Matching Access	ories			
1 x RJ45/s 1 x RJ45/u	1 x RJ45/s Cat. 6 1 x RJ45/u Cat. 6	FO Adapters	1 x RJ45 ISDN 2 x RJ45 ISDN		Security Products	Splash Protective Line	Accessories
010.2860	010.2859	010.2914	010.1677		010.0962.2	010.2128.1	020.0045
Page 36/37	Page 36/37	Page 46/154	Page 95		Page 171/173	Page 177	Page 64/145





VIMAR

VIMAR is a specialised manufacturer of cabling components for both the private and public sector. With a staff of more than 750 people the company asserts an annual turnover of more than 120 million Euro (2000). Their IDEA product family of exchangeable modular insert elements offers over 200 functions and is continually expanding commercially (offices, hotels, hospitals, etc.).

VIMAR and R&M are jointly working on developing computer networks with distribution point terminals. A special adapter by VIMAR enables the installation of R&M connectors in IDEA-capable frames, in any number and layout required.

Contact:

VIMAR S.p.A. Viale Vicenza 14 ITA-36063 Marostica VI

Phone: 0039/0424 488 600 Fax: 0039/0424 488 188 Web: http://www.vimar.it



Cimabox

Since its founding in 1989, Cimabox has been focussing on the manufacturing of products for work place cabling.

Their product assortment ranges from surface mounted outlets, flush mounted assembly units (underfloor systems) to floorboxes and power poles, which enable the customer to adjust the connection options entirely to the building's character.

The materials used (PC-ABS, flame retardant and 100% halogen-free) as well as the operational procedures, in accordance with ISO 9001, guarantee durability and top quality of the products.

Contact:

Cimabox

C/Carredera nº1, esquina C/Moli Polígono Industrial Gran Roca ESP-08107 Martorelles-Barcelona

Phone: 0034 93 345 33 50

Fax: 0034 93 345 36 08

Web: http://www.cimabox.com

E-mail: cimabox@cimabox.com

Third-Party Suppliers matching R&Mfreenet Connection Modules



Tehalit

Hager and Tehalit are internationally acclaimed suppliers of future-oriented system solutions for electrical installations. Their systems fulfil the highest quality and manufacturing requirements for their flexibility and functionality, as well as for their time-saving mounting. Innovative technology, top-range material and modern design all blend into the development of new products, which have a short time to market — another advantage for the customer. This means that planners, architects and installers of electronic installations are effectively supported in implementing large projects and surmounting complex tasks.

The telecommunications connections comply with the equipment of the current manufacturers and standards, and the respective outlets, fitting R&Mfreenet's Cat.5e and 6 connection modules, ensure future-proof computer connections.

Contact:

Hager Tehalit Vertriebs GmbH

Zum Gunterstal

DEU-66440 Blieskastel

Phone: 0049/06842 945-0 Fax: 0049/06842 945-5666 Web: http://www.tehalit.com

E-mail: info@hager.de



Busch-Jaeger Elektro GmbH

Busch-Jaeger looks back on a history of over 100 years, and is the market leader of electronic installations in Germany. They produce in Germany as well as abroad. The company is part of the ABB Group with a staff of 1250 in two German locations.

Their assortment ranges from complete electric installation programmes, i.e. switches, sockets, special plug devices, series assembly equipment, dimmers and movement detectors to high-tech building system engineering, e.g. their Busch-Installation-Bus® EIB and Busch Powernet®. They stand for optimisation of energy and convenient central automatic control of current consumption in the private or industrial area.

Their wide selection comprises 6000 electric installation products.

Contact:

Busch-Jaeger Elektro GmbH P.O. Box

DEU-58505 Lüdenscheid

Web: http://www.Busch-Jaeger.de

Central Sales Service:

Phone: 0049/0180-5 66 99 00 Fax: 0049/0180-5 66 99 09



PEHA

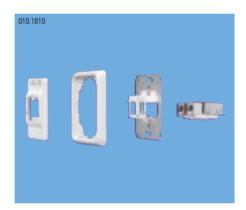
For 75 years, PEHA Paul Hochköpper GmbH & Co. KG from Germany has been an important manufacturer of top-range electric installations equipment and systems. PEHA is always focused on keeping abreast of the fast developments in the area of telecommunications engineering.

Consequently, PEHA offers matching covers to nearly all present small plug connectors of various systems and suppliers, e.g. to the current PEHA flush-mounting switch programmes, Standard, DIALOG and AURA. For the double outlet modules by R&M a special cover has been developed (see picture). Additionally, a version with a high, hinged lid is available, which protects both jack and plug against dust and mechanical strain.

Contact:

Paul Hochköpper GmbH & Co. KG Gartenstrasse 49

DEU-58511 Lüdenscheid
Phone: 0049/02351 185-0
Fax: 0049/02351 276 66
Web: htttp://www.peha.de



JUNG

For more than 90 years, JUNG has been a synonym for progress and success in electric installations. Technical innovations, top quality standard and exacting design are the driving force of the continuous further development of their electrical installations equipment and systems.

Of course, data communications technique plays a major role in JUNG programmes. Planners and architect want to work with uniform and consistent electric installations, meaning the design of switches and outlets ranges. Here, JUNG provides solutions for all surface-mounted and flush-mounted series (incl. water-proof solutions), for vertical as well as horizontal connections. Also included in JUNG programmes are various covers for Cat. 3 up to Cat. 6.

Contact:

ALBRECHT JUNG GMBH & CO. KG

Volmenstrasse 1

DEU-58579 Schalksmühle

Phone: 0049/02355 806-168 (Sales Support)

Fax: 0049/02355 806-189 Web: http://www.jung.de E-mail: jung-info@t-online.de

Third-Party Suppliers matching R&Mfreenet Connection Modules



Berker

The Gebr. Berker GmbH & Co. KG was founded in 1919 and is one of the leading manufacturers of high-performance electric installation systems. Berker's switch ranges with integral house electronics, the intelligent building services management system INSTABUS EIB or the FUNKBUS SYSTEM all offer fascinating solutions. From accentuated lighting to automatic shutter control, integration of heating control and building security, up to modern communications connection techniques, Berker's switch programmes allow most favourable and balanced interior design to the very last detail.

Contact:

Gebr. Berker GmbH & Co. KG

Klagebach 38

DEU-58579 Schalksmühle
Phone: 0049 (0)2355 905 610
Fax: 0049(0)02355 905 606
Web: http://www.berker.de
E-mail: info@berker.de



ABB s.r.o., Elektro-Praga

The company ABB s.r.o., Elektro-Praga Jablonec nad Nisou can look back this year on the 135th anniversary of its foundation and the 10-year existence of the ABB brand on the Czech market. The company is part of the group of ABB electrical engineering companies in the Czech Republic and its products excel thanks to their high quality, technical advancement, and modern design. The core programme of ABB s.r.o., Elektro-Praga consists of products for indoor wiring, particularly switches and sockets that are assembled in the modern designs of the Classic, Tango, Element®, Time®, solo®, impuls, alpha nea®, and alpha exclusive® ranges. These ranges of newly developed designs accommodate the style and possibilities of all end users. The appliances can be used in a variety of interiors and surroundings, as well as in multiple frames, horizontal or upright. This range is well complemented by electronic instruments that both heighten comfort and contribute to energy savings. R&M Snap-In connection modules fit into data outlets of most product ranges. Recently an outlet for regular connection module was developed for Tango design with R&M Smartholes included to allow application of broad variety of matching accessories.

Contact:

ABB s.r.o., Elektro-Praga

Resslova 3

466 02 Jablonec nad Nisou

Czech Republic

 Phone:
 00420 483 364 111

 Fax:
 00420 483 312 059

 Web:
 http://www.abb-epj.cz

 E-mail:
 epj.jablonec@cz.abb.com



Gira

Gira was established in 1905 and employs 700 staff today. They specialise in electronic installations equipment – from light switches, automatic switches, guards, Gira radio alarm systems, over control systems for blinds to data technology and telecommunications connections.

Furthermore, the overall top-quality and stringent standard in all sectors underlies the company's qualification for the quality management systems (DQS) certification in acc. with DIN ISO 9001.

Contact:

Gira

Giersiepen GmbH & Co. KG Correspondence to: Postfach 12 20 DEU-42461 Badevormwald

Location:

Industriegebiet Mermbach Dahlienstrasse

DEU-42477 Radevormwald
Phone: 0049 (0) 21 95 602-0
Fax: 0049 (0) 21 95 602-339
Web: http://www.gira.de
E-Mail: info@gira.de



Merten

Located in Wiehl, Oberbergen, near Cologne, Merten is one of the leading trademark manufacturers of electro-technical installation components, electronic products and components for the building services management system INSTABUS EIB. Ever since their foundation in 1906, the driving forces were innovation, quality and design.

As early as 1961 the company developed the first switch based on optical design with a screw-free cover and wide rocker, initiating the trend towards large surface switches. They come in pastel colours, in strong bright colours or high-grade steel — the switch programmes by Merten keep on proving that any individual interior style can be supported in form, colour and function. Since no compromise will do when it comes to quality, functionality, and security, a special programme for each field of application has been developed. Consequently, the product range offers solutions for private cabling, industrial needs, agriculture, game halls or scientific laboratories, including water-proof and even weather-proof and high-impact switch programmes for inside and outside plant applications.

Contact:

Merten GmbH & Co. KG Postfach 10 06 53 DEU-51606 Gummersbach

Phone: 0049 (0)2261 702-01
Fax: 0049 (0)2261 702-284
Web: http://www.merten.de
E-mail: info@merten.de

Ordering Information Description Packing Unit Part Number R925629 **Labelling Sheet DK** 10 020.1001 Adhesive labelling strips with outlet logo (unlettered) for labelling 58 Mounting Units DK. Labelling Sheet 45 x 45 Mounting Plate 10 R303786 010.2161 Perforated labelling strips (unlettered) for ERAM labelling 85 45 x 45 Mounting Plates (R304313 + R304314). **Labelling Sheet** 10 R925759 010.0969 **Mini Surface Mount Box** Perforated labelling strips (unlettered) for labelling 120 Mini Surface Boxes. - 50 x 50 Outlet 2 x 1 Port - 80 x 80 Outlet 2 x 1 Port - 4 x 1 Port Outlet Labelling Sheet, R300318 010.1371 10 US Style, 6 Port Perforated labelling strips (without logo, unlettered) for labelling 24 US Style Faceplates 6 x 1 Port.

A free MS Word template for fast and professional patch panel labelling is available on our website (www.rdm.com).

Packing Unit Part Number **Ordering Information Description** R925702 **Labelling Sheet for Outlets** 100 010.0932 84 perforated labelling strips without logo (unlettered) for labelling the following outlets: - FM Outlets 88 x 88 mm - FM Global Outlets 88 x 88 mm - WM Outlets 80 x 80 mm - DM Outlets 80 x 86 mm, CH - DM Outlets 80 x 86 mm - 503 Outlets - BS Faceplates - US Style Faceplates 1 Port and 2 x 1 Port **Universal Blind Cover, white** R925719 100 For covering one unused empty connection module space. To snap in instead of a keying system. C-UL-US certified. Colour: white/RAL9010 20 R310694 Adapter No 1



2×1 RJ45

G4020 9001 G4020 9010 G4020 ANTH G3404 9001 G3404 9010 G3404 7035 2 x RJ45 1 x RJ45 shielded 2×1RJ45 G4020 9001 G4020 9010 G4020 ANTH G3404 9001 G3404 9010 G3404 7035 2× RJ45 16365.C 16365.C.B For Cat. 6 modules unshielded 1×RJ45 2×1RJ45 CD-569-21 ACS WW/GR/LG 1801-212 Busch Duro 2000 1801-22G Alpha exclusive 80.610.02 RM pure white 95.610.02 RM pure white 95.610.15 RM effect grey 95.610.19 RM deep black 95.610.49 RM cobalt blue 95.610.27 RM grey brown 95.610.36 RM rubinred 80.610RM Aw arctic 95.610.03 RM white 1801-214 Reflex SI 1801-20 Alpha nea 80.610RMw white 1801 EB-10/16 G4020 ANTH G3404 9001 G3404 9010 G3404 7035 64020 9010 G4020 9001 569-21 ACS 2 x RJ45 54-2ACS CD500 AP600 ST550 SL500 LS990 shielded 1×RJ45 54-1ACS CD500 AP600 ST550 SL500 LS990 2×1 RJ45 List for module holder and faceplates from Third-Party Suppliers 1801-212 Busch Duro 2000 95.610.19 RM deep black 95.610.36 RM rubinred 1801-22G Alpha exclusive 80.610.02 RM pure white 95.610.02 RM pure white 95.610.15 RM effect grey 95.610.49 RM cobalt blue 95.610.27 RM grey brown 95.610.03 RM white 1801-214 Reflex SI 80.610RM Aw arctic 1801-20 Alpha nea 80.610RMw white 1801 EB-10/16 G4020 ANTH G3404 9001 G3404 9010 G3404 7035 G4020 9001 G4020 9010 1 x RJ45 2 x RJ45 For Cat. 5e modules unshielded 16365.C.B 16365.C M054 Module holder* Module holder Suitable series Module holder Module holder Module holder Module holder (Standard) Faceplate Faceplate Faceplate Faceplate Faceplate* Faceplate (Dialog) Others Others 0 Others 0 ESP-08107 Martonelles-Barcelona C/Carrerada nº 1, esquina C/Moli DEU-58579 Schalksmühle DEU-58511 Lüdenscheid ITA-36063 Morastica VI Tel. 0039/0424 488 600 Busch-Jaeger GmbH. www.Busch-Jaeger.de DEU-58505 Lüdenscheid Tel. +49 180 566 99 00 Tel. 0034 93 345 33 50 DEU-66440 Blieskastel Tel. +49 2355 806 168 P. Hochköpper GmbH. Albrecht Jung GmbH. Busch-Jaeger GmbH Hager Tehalit GmbH Tel. +49 6842 945 0 Tel. +49 2351 185 0 www.cimabox.com www.tehalit.com Gartenstrasse 49 Viale Vicenza 14 Volmestrasse 1 Zum Gunerstal www.peha.de VIMAR S.p.A. www.jung.de www.vimar.il VIMAR S.p.A. Supplier Cimabox. P.0.B0X Cimabox. Tehalit PEHA JUNG

:													
Supplier		ror cat. se modules unshielded	sames		shielded			ror cat o modules unshielded		shielded			
			2 x RJ45	2×1 RJ45	1×RJ45	2 x RJ45	2×1RJ45		2×RJ45		1×RJ45	2 x RJ45	2×1 RJ45
Berker www.berker.de	Faceplate	1472 02 / 09 1533 19 09 1533 16 06	1511 19 09(MH Black) 1511 16 06		1472 02 / 09 1533 19 09 1533 16 06	1511 19 09 1511 16 06	1472 02 / 09 1533 19 09 1533 16 06	1472 02 / 09 1533 19 09 1533 16 06	1511 19 09 1511 16 06	1472 02 / 09 1533 19 09 1533 16 06	1472 02 / 09 1533 19 09 1533 16 06	1511 19 09 1511 16 06	1472 02 / 09 1533 19 09 1533 16 06
Gebr. Berker GmbH. Klagebach 38 DEU-58579 Schalksmühle Tel. +49 2355 905 61 0	Suitable series Modul 2 Berker S.1/B.1/ B.3/B.7 Glas Berker Arsys		1461 14 04 1461 02 white 1461 09 polar white 1461 01 brown 1461 11 light brown 1461 04 stainless steel 1461 05 deep black 1461 30 grey 1461 56 shine gold 1461 56 shine gold	1553 1 4 04	1533 14 04	1511 14 04 1461 02 white 1461 09 polar white 1461 01 krown 1461 11 light brown 1461 05 deep black 1461 30 grey 1461 56 shine gold 1461 56 shine gold 1461 59 shine gold	1533 14 04		irite ar white an thrown thrown inless steel sp black y ne gold		1533 14 04	ite ar white wn thrown inless steel p black y ne gold	1533 14 O4
GIRA Giersepen Gnüth Dahlienstrasse DEU-42477 Radevormwald Teli +49 2195 602 0 Gira www.gira.de	Module holder Faceplate			0047 00 80079 00 0870 20 0870 20 0870 27 0870 28 anthracite 0870 28 aluminium 0870 40 pure white 0870 42 green 0870 45 green 0870 45 green 0870 45 green 0870 45 bure 0870 45 bure 0870 56 pure white 0870 56 pure metallic 0870 58 part metallic 0870 58 green metallic			0047 0080079 00 0870 20 0870 20 0870 20 0870 20 anthracite 0870 28 authriacite 0870 40 pure white 0870 42 pure 0870 45 years 0870 45 years 0870 45 years 0870 45 pure 0870 45 pure 0870 56 pure white 0870 56 pure white 0870 56 brown metallic 0870 56 brown metallic 0870 56 pure white			0047 0080079 00 08070 20 08070 27 08070 27 08070 28 anthracite 08070 46 pure white 08070 46 pure white 08070 45 green 08070 46 pure 08070 46 blue 08070 55 pure white			0947 0080079 00 0870 20 0870 27 0870 28 anthracite 0870 28 authracite 0870 40 pure white 0870 40 pure white 0870 45 green 0870 45 green 0870 45 green 0870 45 green 0870 45 bu we 0870 45 bu we 0870 45 bu we 0870 45 bu we 0870 55 pure white
Merten www.merten.de Merten GmbH. Postfach 100653 DEU-51606 Gummersbach Tel. +49 2261 702 01	Module holder Faceplate Suitable series			4643.84 System M System FlächelArtec, Trancent, Antik)			4643.84 System M System FlächelArtec, Trancent, Antik)						
Legrand Schweiz	Module holder Faceplate Others(module)				7758,77 PRO 21™ 7757 73								
Schneider Unicasystem	Module holder		U9.402.18			U9.402.18							
ᆂ	Faceplate (clic'line)	108K66710R 108K66700R	108K66830R 108K66820R 108K66810R 108K66800B		108K66710R 108K66700R	108K66830R 108K66820R 108K66810R 108K66800R							
MM Dataelectric Spain Facepl http://www.mmurcia.es/mming/produc.htm	Faceplate iduc.htm	AD43 AD17 MD18/x		MD73/x MD73/x MD43/x	AD43 AD17 MD18/x		MD19/x MD73/x MD43/x	AD43 AD17 MD18/x		MD 19/x A MD 73/x A MD 43/x ND	AD43 AD17 MD18/x	× ×	MD19/x MD73/x MD43/x
ABB s.r.o., Elektro-Praga Resslora 3. 486 02. Jablonec nad Nisou Tschechische Republik Tel: +420.483.394 111 Fax. +420.483.312 059 E-mail: epijjablonec@cz.abb.com	Module holder R&M Snap-In Faceplate Suitable series	5014A-B1017 5014E-B01017 5014E-B01018 Tango/Alpha nea Tango/Alpha nea	Solo/Impuls a	5014E-B01018 5014E-B01018	5014A-B1017		5014A-B1018 5014E-B01018	5014A-81017 5014E-801017		5014A-81018 E	50146-801017		5014A-B1018 5014E-B01018



Notes



State-of-the-art connection technology for all purposes

- Allow the combination of fiber optics and RJ45
- Covering all duct-mounted, wall-mounted, and floorbox solutions
- FTTO is the basis of today's planning standard
- Solutions for a wide range of requirements











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1 FO Outlets Duct and Surface Mounted Version	150
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3 FO Outlets Accessories	152
4 FO Outlets Module Holders	154

FO Outlets



The telecommunications outlets of type duct mounted fiber optic outlet offer a wide range of advantages such as:

- Fiber optic outlet for 4 to 8 fiber terminations
- Snap on holder for various FO adapters
- Angled outlet of 80° for optimum cable and connector relief
- Ideal for pre-terminated as well as field-terminated cables. Also suitable for on-site splicing in combination with the cable reservoir KR and the splice deposit
- In certain conditions the FO Duct Outlet is also suitable for subfloor installation
- Adapter design:
 - MM phosphorus bronze alignment sleeve (PhBr)

Ordering Information	Description	Packing Unit	Part Number
010.1785	FO Duct Outlet, ST, MM With 4 ST Simplex adapters. Colour: pure white/RAL 9010	1	R303458
	FO Duct Outlet, SC Duplex, MM With 2 SC Duplex adapters. Colour: pure white/RAL 9010	1	R303462
	FO Duct Outlet, E-2000™ With 4 E-2000™ Simplex adapters. Colour: pure white/RAL 9010	1	R303452
	FO Duct Outlet, MT-RJ With 2 MT-RJ Duplex adapters. Colour: pure white/RAL 9010	1	R303454
	FO Duct Outlet, SC-RJ With 1 MT-RJ Duplex adapter. One port is empty to accommodate an SC-RJ or RJ45 module.	1	R303496
010.2312	FO WM Outlet, SC Duplex, MM With 2 SC Duplex adapters. Colour: pure white/RAL 9010	1	R304971
010.2871	FO WM Outlet, empty	1	R309373



for SC-RJ/E-2000TM, MM For 2 E-2000™ Compact/SC-RJ. Colour: pure white/RAL 9010





The telecommunications outlets of type FO Floorbox Outlet offer a wide range of advantages such as:

- Fiber optic outlet to terminate 4 or 8 fibers
- Snap on holders for various FO adapters
- Angled outlet of 80° for optimum cable and connector relief
- Cable management is integrated in the FO Floorbox Outlet
- Ideal for pre-terminated as well as field-terminated cables
- Suitable for various subfloor installations (Ackermann, Niedax/Elektraplan and OBO/Bettermann)
- Allows the combination of fiber optic and copper RJ45
- Adapter design:
 - MM phosphorus bronze alignment sleeve (PhBr)

Ordering Information	Description	Packing Unit	Part Number
010.1787.2	FO Floorbox Outlet, ST, MM With 4 ST Simplex adapters. Colour: pure white/RAL 9010	1	R303472
	FO Floorbox Outlet, SC-Dx., MM With 2 ST Duplex adapters. Colour: pure white/RAL 9010	1	R303476
	FO Floorbox Outlet, E-2000TM With 4 E-2000™ Simplex adapters. Colour: pure white/RAL 9010	1	R303465
	FO Floorbox Outlet, MT-RJ With 2 MT-RJ Duplex adapters. Colour: pure white/RAL 9010	1	R303467
	FO Floorbox Outlet, SC-RJ With 1 SC-RJ Duplex adapter. One port is empty to accommodate an SC-RJ or RJ45 module. Colour: pure white/RAL 9010	1	R303469

FO Outlets Accessories

Ordering Information Description Packing Unit Part Number FO KR55 Cable Reservoir R303478 1 010.1788 55 mm mounting depth to FO Duct Outlet. Also fitting the systems: - Tehalit "System BR" - Ackermann "te li ko" installation ducts (WIK) and installation poles (ISS). FO KR50 Cable Reservoir R303488 55 mm mounting depth to FO Duct Outlet. Also fitting the system: - Tehalit "System FB". FO Splice Deposit to Cable Reservoir KR R303489 010.1789 Up to 4 fusion or mechanical splices with matching splice holders incl. splice reserve can be carried out. **120 Perforated Labelling Strips** 10 R303635 030.1384 Without logo (unlettered) for labelling FO outlets.

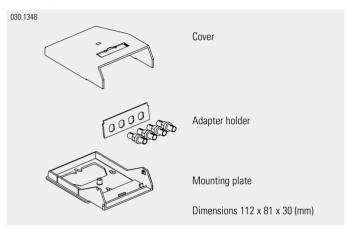


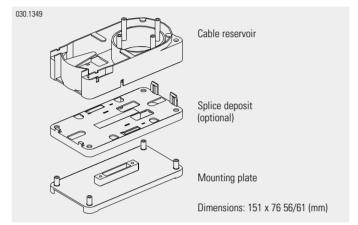
The VISION system's range of FO outlets makes it possible to use FO connectors in various installation types such as:

- Wall-mounted (flush or surface).
- Duct-mounted.
- Subfloor systems (floorboxes).

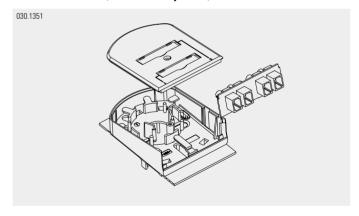
The FO Outlets permit termination of up to eight fibers through Simplex or Duplex adapters from R&M's VISION system's product range.

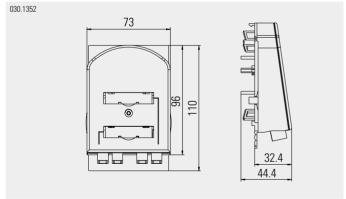
FO Duct Outlet





FO Floorbox Outlet (for subfloor systems)





FO Module Holders to FO Outlets

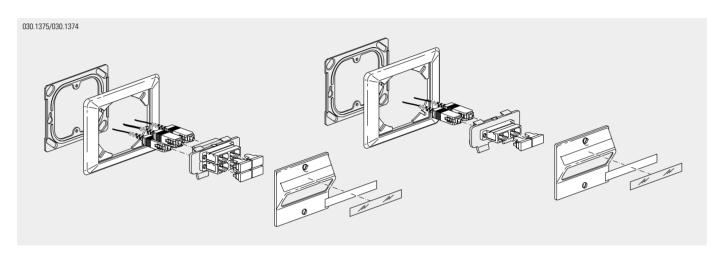


The FO outlet module holder makes it possible to install pre-assembled cables in outlets fast and conveniently.

Current RJ45 module holders can be easily replaced by FO outlet module holders, which allows a neat realisation of a "fiber to the desk" solution with the existing outlets.

Features

- Matching existing RJ45 telecommunications outlets
- For pre-assembled or field-terminated cables
- Adapters fulfil international standards
- No additional FO outlets required
- Multi- and singlemode capable adapters
- Phosphorus bronze multimode alignment sleeves



Ordering Information	Description	Packing Unit	Part Number
030.1376/010.2267	FO Outlet Module Holder with 2 x ST	1	R308646
	FO Outlet Module Holder with 4 x ST	1	R308644
010.2914/010.2915	FO Outlet Module Holder with 1 x SC Duplex	1	R308647
	FO Outlet Module Holder with 2 x SC Duplex	1	R308645
010.0944	Outlets for SC-RJ and		



See also page 121.

E-2000TM Compact