

RCO Power: The power installation



Interruption-free tap for power cables –
placing of connections flexibly –
tool-free contacting – wired in seconds

RCO Power

GREATER EFFICIENCY – ADVANTAGE FOR PLANNERS AND INSTALLERS

Every second and every move counts in construction projects. The more efficient the installer is, the more successful the project and thus the happier the customer. The planning effort for the planner is reduced since he can do without complex distributors. There is now a clever solution for mains cabling, which provides maximum flexibility, optimal use and efficiency: RCO Power from R&M for an interruption-free tap on the round cable.

getmore
RCO Power

More efficiency

- Cabling made more efficient

More contact reliability

- Tool-free contacting

More installation convenience

- Quicker installation
- Connections can be placed anywhere
- Reduced material costs

More security

- Error-free wiring

More clarity

- Double coding



YESTERDAY – CABLING WITH OUTLETS, TODAY – RCO

It can also be accomplished differently. Today, power cables are laid interruption-free through an entire room or floor. An R&M RCO Power round cable adapter is simply placed everywhere connections for powered equipment, lighting fixtures, outlets, etc. are needed. Previously, the installer had to install many outlets and distributors, interrupt the cables frequently, strip several times, insert clamps, fasten screws, etc. This method was cumbersome, cost time and money, required tools and many small parts.

RCO Power allows a quicker, simpler and more flexible installation than ever. You can set an interruption-free tap on the power cable in 40 seconds. The contact can be accomplished with the R&M insulation displacement contact (IDC) with a few tool-free manipulations and the wiring with the Easy Lock system. This is how efficient installations are today.

INNOVATIVE SOLUTIONS FOR MAINS CABLING

With RCO Power, R&M is introducing another innovative connection solution onto the market of Enterprise Cabling. RCO Power, the round cable adapter is intended for use in mains installations in offices and functional buildings for communication and information technology and in building automation.

Three cable outlet models cover the connection needs in the areas of conduit, top hat rail, wall, ceiling and stand floor installations:

- 3-pole CO each with 2 connector sockets for 3-wire general cabling
- 5-pole CO for 5-wire cabling, office technology, IT systems, etc.
- bus outlet as outlet or branch box for 2-4 wire bus cabling particularly in building automation.

The RCO power product line is enhanced with individual terminable power cable, coding and labeling accessories.

Saving time, money and material on installations

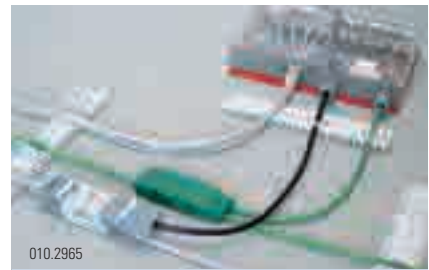
RCO POWER MEETS CURRENT MARKET DEMANDS

To be successful in the installation business and keep customers optimally satisfied, the work must be carried out quickly, efficiently and economically. The market has high demands and, in addition, expects the following from a modern infrastructure for the power supply:

- convenient functionality
- flexible use
- expandability
- absolute operational reliability
- low fire load
- halogen-free materials
- clear identification of type of current or circuit

In combination with standard round cables, RCO Power meets in every way the future demands for more efficient cabling. Not only is it a particularly reliable, but also an extremely economical solution because many outlets and distribution boxes including the starlike cable coupling to consumption points are unnecessary.

(* IDC = Insulation Displacement Contact)



010.2965

RCO Power: field terminable connection solution for quick mains cabling in ceilings and floors.

CRITERIA	RCO POWER	CONVENTIONAL INSTALLATION
Work preparation	is omitted to a great extent	preparing of cable reel, cutting cable to length, setting up of drilling machine, etc.
Material disposition	no small parts are needed, delivery of complete units	screws, dowels, clamps, tension relief must be planned, moved and installed
Handling	a tap is wired with 2 connector sockets in 40 seconds	mounting of outlet on installation base, stripping, wiring, etc.
Tools	Cable stripping tool	screw driver for outlet installation, wire stripping tool, cable stripping tool
Expansions	subsequent installation of additional adapters possible since cable is not interrupted	subsequent installation only possible if cable reserve is available; renewed cable splicing for outlet installation, etc.
Compare RCO Power with the effort for conventional installations based on this criteria selection. Mains cabling with RCO Power is significantly more efficient, quicker, simpler, safer and more convenient.		

Convenient and flexible cabling

MORE FLEXIBILITY ON THE CONSTRUCTION SITE

The planning of a mains installation must be adjusted to each new situation on site. Special customer wishes, deadline changes, other cable paths... everyone is familiar with it. With R&M RCO Power you can react flexibly to any situation on site. Cabling has become simpler, more economical and more convenient.

get more 3-pole cable outlet

More efficiency

- Two branchings are ready in 40 seconds

More contact reliability

- Tool-free IDC

More installation convenience

- Can be wired to standard round cables
- Installation without branch boxes
- Installation directly from group fuse

More security

- Integrated connector locking system
- Error-free wiring with Easy Lock
- Adapter wired without wire interruption

More clarity

- Mechanical and optical coding



REASONS WHY YOU SHOULD USE RCO POWER

Mains cabling has never been so simple and convenient. You pull the desired cables continuously from the group fuse – without involved planning and work preparation, directly from the cable drum, without outlet installation or measuring and cutting to length of individual sections.

The RCO Power round cable adapters are installed near the individual consumption points. Only a few steps are required for each wiring.

IDC is considered the most secure contact method in field termination. The optical fibers lie well protected in the insulation displacement contacts. Loose connections, contact resistance, overheating and fire hazards are no longer a problem. The plastic modules consist of halogen-free material to avoid fire load.

By the way, there are two connector sockets available on each adapter of the three-pole cable outlet (3-pole CO). If needed, additional adapters can be installed at any point of the cabling at any time.

RCO Power is compatible with standard 3-pole or 5-pole round cables (3 x or 5 x 1.5 to 2.5 mm², wire or flexible

wire), which can be inexpensively obtained anywhere. The simplified cable guide and installation, as with a bus system, requires fewer cable materials. The costs remain low.

PROVEN AND TESTED IDC TECHNOLOGY

The quick connection technique of the RCO Power is based on the proven and tested IDC wire contact technology. R&M has more than 25 years of experience in universal applications of this technology in the fields of telecommunication and data technology. Heavy-duty, tin-plated insulation displacement contacts are also used for the RCO Power round cable adapter. These contacts, with the pushing in of the cables establish contact through the wiring cover (Easy Lock).

The IDC wire contact technology is particularly stable in the long term, vibration resistant and corrosion-proof, because the individual wires or flexible wires remain without interruption and protected in the optical fiber sheath without damaging the wires. The insulation displacement contact reduces the contact resistance to a minimum. All this together provides for the best connection quality and high reliability.



090.2119.2

The entire product line in use: RCO Power with 3-pole CO, cable support connector system, Velcro tape, power cable and power box in raised floors.

EASY AS CHILD'S PLAY AND WITHOUT ADDITIONAL TOOLS

The RCO Power adapter is attached to the round cable in a few steps and without additional tools. The pictures on the page show the handling and important steps.

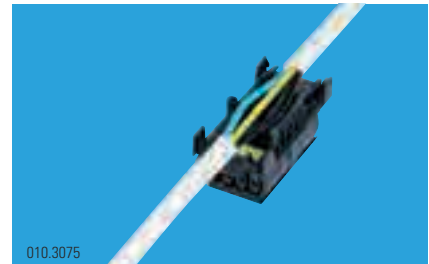
Installation is self-explanatory and almost as easy as child's play. All modules are compatibly matched and cannot be confused. The consistent simplification of cabling has once more been successfully implemented.

R&M concentrates on innovative, qualitative leading-edge and industry accepted modular cabling systems. The focus of product development is the customer! R&M solutions are adjusted to the customer's requirements. Precisely this fact makes these solutions innovative.



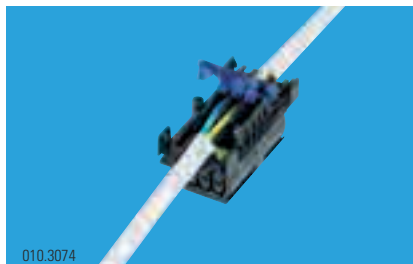
010.3080

The round cable (here a 3-wire cable) to be stripped 50–55 mm at any point. A handy tool from R&M is available for this task.



010.3075

Optical fibers to be oriented in the RCO Power round cable adapter according to identification (in this case 3-pole CO) and insertion of the insulation displacement contact.



010.3074

Easy Lock and IDC wire contact: attach wiring cover, push down and snap in. The wires are reliably contacted.



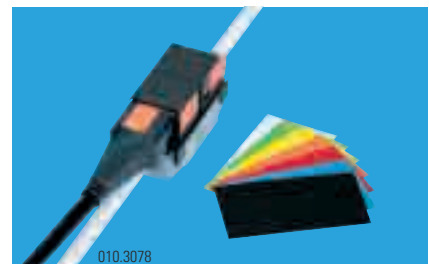
010.3079

Attach adapter cover and latch. The modules fit together perfectly. The viewing panel in the cover allows checking.



010.3077

Plug in assembled power cables and the connection is complete. The 3-pole CO provides two mechanically codable connector sockets.



010.3078

Installation of additional security: The adapter outlets and connectors can be labeled or identified on both sides with colored strips.

MAXIMUM PERFORMANCE AND DURABILITY

Customers expect that the investment will pay for itself in a durable fashion. They want reliability in every respect – starting with the cost projection up to fire protection. A power supply must bring maximum performance for decades. Also power cabling has to be adaptable in the modern flexible office organization. These are the strengths of RCO Power from R&M.

get more 5-pole cable outlet

More efficiency

- A branching is ready in 40 seconds

More contact reliability

- Wiring with Easy Lock
- Tool-free IDC

More installation convenience

- Switching of phase assignment at the connector
- 3-wire and 5-wire round cable connection possible
- Installation without branch boxes
- Installation directly from group fuse

More security

- Adapter wired without interrupted wires
- Integrated connector locking system
- Error-free wiring with Easy Lock

More clarity

- Optical coding

ERROR-FREE WIRING, CLEAR CODING

The RCO Power system is characterized by the unique bundling of safety features. The installer already finds clear pole identification in the adapter for the optical fiber insertion. IDC wire contact and the Easy Lock system guarantee error-free wiring with one manipulation.

The connectors snap automatically into the jacks. The integrated locking system prevents accidental unplugging. Unplugging and plugging-in is safe even under tension. Jack and connectors of the 3-pole CO are mechanically codable in four ways to reliably prevent confusions of type of current or circuit upon plugging-in (e.g. emergency power group, UPS, power supply for EDP devices).

Connectors and adapters can be identified and labeled on both sides with colored strips. This guarantees a systematic and at any time reproducible differentiation of the circuits or current types. Colored connector poles identify the phase assignment of the 5-pole CO. They are recognizable from outside through a viewing panel.

THERE ARE NO PROBLEMS WITH EMC AND NEUTRAL CONDUCTOR OVERLOAD

Additional advantages: Twisted round cables reduce the EMC problem since they only develop weak electromagnetic fields. Furthermore, RCO Power supports the technically recognized solutions with the 5-pole CO adapter in cases of neutral conductor overload.

An overload of the neutral conductor can occur with 5-wire cabling in the office environment. Modern office devices are usually equipped with clocked power supplies. They cause distortion currents, which accumulate in the neutral conductor and can cause circuit failure.

Possible solutions are:

- Outlet circuit usually to be equipped with 2.5 mm² cable
- Division of circuits to several circuits
- Additional securing of neutral conductor with a neutral conductor fuse (4LS)
- Using of cable with reinforced neutral conductor 4 x 2.5 mm² and 1 x 4 mm²
- Mono-phase installation (1L-N-PE) with 3-pole CO



investment protection



090.2117

RCO Power in the stand floor: Base installation with round cables leads directly to the connection boxes; cable outlets supply the latter with power.

EXPANDABLE AT ANY TIME

RCO Power stands for risk-free investment. Once the cable is laid in hollow ceilings, stand floors, top hat rails or cable conduits, additional connections can be attached subsequently – thanks to the principle of the interruption-free wiring.

Outlets must often be moved or expanded in wall ducts – this is simple

with RCO Power. The connection cables are easily replaceable according to the Plug & Play philosophy – ideal in office renovation or reorganization.

Due to the compact dimensions, the advantages of the round cable adapters can also be used effectively in case of tight space conditions.



010.3071

RCO Power in combination with cable support connector system: Never before has mains installation been so convenient.



090.2156

Placing of RCO Power round cable adapter in hollow ceiling installations and top hat rails, close to the user.



010.3073

Mains cabling today: A bus-like installation from the group fuse makes the whole room accessible, this requires less cable, reduces the fire load and increases operating safety.



090.2155

3-pole CO cable outlet: Compact shape and two parallel branchings require less space in the wall duct.

You can count on us

TRY RCO POWER NOW

Start your next installation project with RCO Power. Try the quick, safe, convenient and economical building cabling with the unique round cable adapters from R&M now. From R&M you can also expect customer orientation, delivery service, extensive guarantees and full support with planning.

get more Bus outlet

More efficiency

- Two branchings for each bus outlet

More contact reliability

- Wiring with Easy Lock
- Tool-free IDC

More installation convenience

- Application for shielded and unshielded cables
- Wiring of bus outlet is possible during operation

More security

- Error-free wiring with Easy Lock
- Adapter can be wired without wire interruption
- Reduced fire load due to bus-like installation

More clarity

- Optical coding

HANDY BOX THAT IS QUICKLY INSTALLED

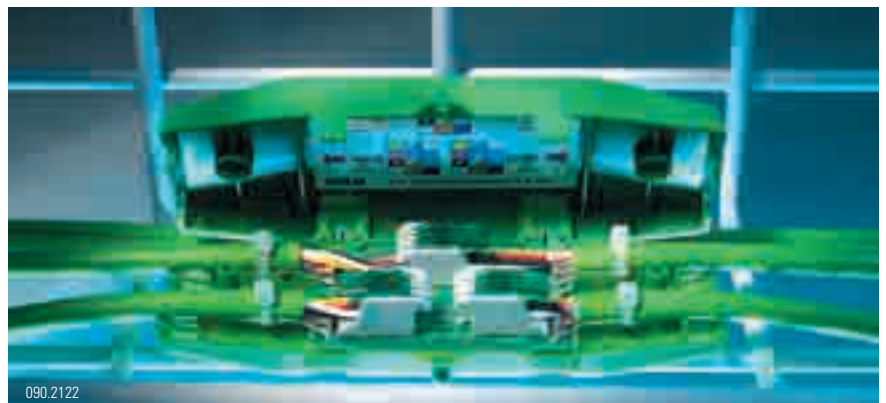
Convenience and flexibility; RCO Power also makes this possible in building technology. R&M developed the RCO Power bus outlet for this multi-purpose range of applications.

Place the handy box anywhere in cable conduits. The printed circuit board in the outlet makes three contacts available: for the 4-wire bus cable and for two branchings. The interruption-free connection to the bus and the contact of the branchings are carried out tool-free with IDC and Easy Lock.

YOU CAN COUNT ON US

Utilize the manifold potentials of the RCO Power system. The unlimited flexibility of our internationally active family enterprise guarantees you the technological and quality advantage. Try RCO Power today. On the following pages you will find the part numbers for your order.

R&M supports you with individual assembly, rapid worldwide delivery, guarantees as well as extensive assistance. For further information visit: www.rdm.com



090.2122

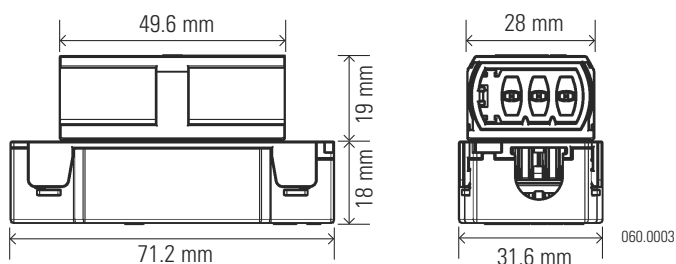
RCO Power bus outlet for use in building automation. Installable while operation is active.

PRODUCT OVERVIEW



Technical Data

In accordance with standards:	IEC 61 984 / EN 60 998-2,-3	
Certification:	VDE, SEV, ÖVE, KEMA	
Nominal Voltage:	250 V	
Type:	3-pole: N-PE-L1	
Nominal current:	16 A	
Dielectric strength:	4 kV	
Conductor:	Adapter	Solid and stranded wire
	Cable with plug	Stranded wire
Connection cross-section:	Adapter	Solid wire: 1.5 – 2.5 mm ² Stranded wire: 2.5 mm ²
	Cable with plug	1.5 mm ²
Protection class:	IP20	
Plastic parts material:	PA, PC, halogen-free	
Contact material:	Cu-alloy, tin-plated	



Ordering Information



Description

Packing Unit

Part Number

CO Round Cable Adapter 3 x 1.5–2.5/s

Adapter with two 3-pole outlets, appropriate for wiring to round cables of 3 x 1.5–2.5 mm² (solid wire).

10

R309842


CO Round Cable Adapter 3 x 2.5/F


Adapter with two 3-pole outlets, appropriate for wiring to stranded cables 3 x 2.5 mm².

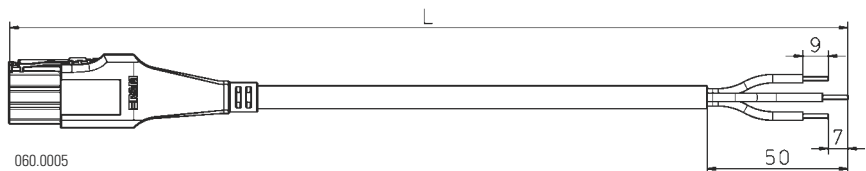
10


R312134


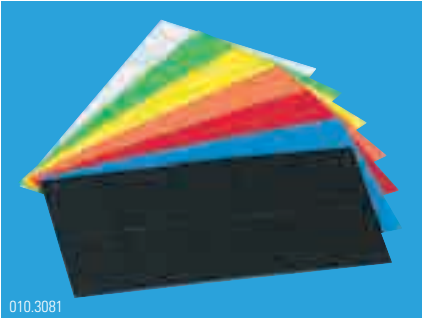
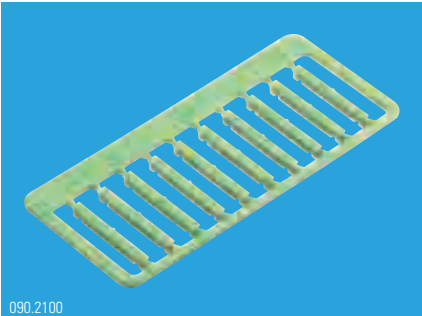
RCO Power
Cable Outlet 3-pole, Accessories

Ordering Information	Description	Packing Unit	Part Number
 <p>010.3082</p>	PVC CO Connection Cable 3 x 1.5 mm² with plug Assembled 3 x 1.5 mm ² cable with 3-pole extrusion-coated plug. Open wire end. Strand ends are ultrasonically sealed. Cable jacket in black PVC.		
	Length [L]:		
	0.5 m	10	R308206
	1.0 m	10	R309435
	2.0 m	10	R308209
	3.0 m	5	R309437
	5.0 m	5	R309438
	8.0 m	3	R309764

 <p>010.3082</p>	Halogen-free CO Connection Cable 3 x 1.5 mm² with plug Assembled 3 x 1.5 mm ² cable with 3-pole extrusion-coated plug. Strand ends are ultrasonically sealed. Halogen-free cable jacket in black PVC.		
	Length [L]:		
	0.5 m	10	R309765
	1.0 m	10	R309766
	2.0 m	10	R309767
	3.0 m	5	R309768
	5.0 m	5	R309769
	8.0 m	3	R309770



 <p>090.2098</p>	CO Termination Set Can be snapped onto either side for termination of the 3-pole round cable adapter at the cable end. The opposite end must be equipped with a strain relief. Strain relief is included.		
		10	R309059

Ordering Information	Description	Packing Unit	Part Number
	CO Strain Relief for Round Cable Adapter Can be snapped onto either side. For cables with diameters of 6.5–10.5 mm.	10	R309867
	CO Sheet with 10 Labels Plastic labels for CO round cable adapters 3 x 1.5–2.5 and CO plugs. Intended for the visual coding of different circuits.		
	White	10	R309718
	Green	10	R309722
	Yellow	10	R309723
	Orange	10	R309720
	Red	10	R309724
	Blue	10	R309721
	Black	10	R309719
	10-Pin CO Coding Set, green Mechanical coding ensures that equipment groups can only be plugged into jacks of the appropriate circuits.	10	R309973

Applications of mechanical coding using the 3-pole CO









Normal power supply suitable for all powered equipment as well as all CO connection cables without restriction.

For interruptible power supplies (UPSs), which, for example, are supposed to be available only for data processing devices.

For centrally controlled power supplies, e.g. workplace lighting.

Suitable, for example, for emergency lighting or similar special installations to prevent the connection of unrelated devices.

Coding System

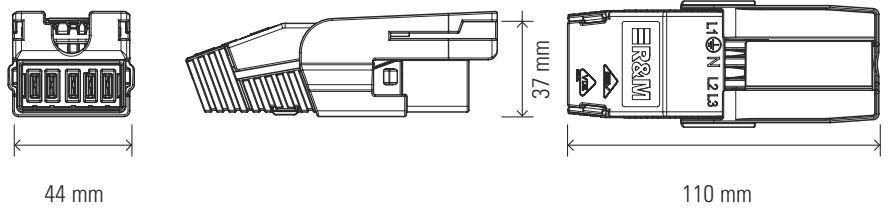
Adapter	Plug				
		accepted	accepted	accepted	accepted
		blocked	accepted	blocked	accepted
		blocked	blocked	accepted	accepted
		blocked	blocked	blocked	accepted

RCO Power
Cable Outlet 5-pole



5-pole/400 V-16A Cable Outlet Connection

For the interruption-free termination of CO adapters to round cables with solid wires 5 x 2.5 mm². The wires can be terminated in 40 seconds with the proven insulation displacement contact technology. Ideal for cable ducts, hollow ceilings and hollow floors. The resulting installation is very flexible. The color coding guarantees the identification of different circuits for improved safety. A connector lock is mandatory for floating connections (VDE standard). We recommend using the connector locks with all applications.



Technical data

In accordance with standards:	IEC 61 984 / EN 60 998-2,-3		
Certification:	VDE, SEV, ÖVE, KEMA		
Nominal voltage:	250 V / 400 V		
Type:	5-pole: L1-PE-N-L2-L3		
Nominal current:	16 A		
Dielectric strength:	3 kV		
Conductor:	Adapter	A54.1	Solid wire
	Plug	S54.1	Stranded wire
Connection cross-section:	Adapter	A54.1	2.5 mm ²
	Plug	S54.1	1.5 mm ² or 2.5 mm ²
Protection class:	IP20		
Plastic parts material:	Adapter	A54.1	Glass-fiber PC reinforced
	Plug	S54.1	Thermoplastic
Contact material:	Galvanically coated brass		

Ordering Information

Description

Packing Unit

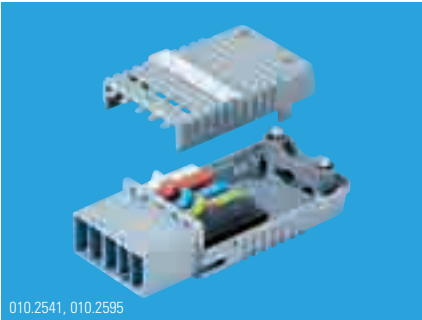


Part Number



**5-pole Cable Outlet Adapter,
Type A54.1/400V-16A**

Branch point for round cables with solid wires 5 x 2.5 mm².

CO-Adapter, gray	1	R307475
CO-Adapter, black	1	R307779
CO-Adapter, orange	1	R307782
CO-Adapter, blue	1	R307780

Ordering Information	Description	Packing Unit	Part Number
 <p>010.2541, 010.2595</p>	<p>Complete Cable Outlet Plug, Type S54.1/400 V-16A Field-terminated plug for 5-pole CO adapters, type A54.1. The housing includes cable strain relief and connector pins for stranded cables with diameters of 3 x 1.5 mm² – 5 x 2.5 mm². Connector lock is included.</p>		
	CO Plug for 3 x 1.5 mm²	25	R307479
	CO Plug for 5 x 1.5 mm²	25	R307481
	CO Plug for 3 x 2.5 mm²	25	R307480
	CO Plug for 5 x 2.5 mm²	25	R307482
 <p>010.2542, 010.2595</p>	<p>Empty Cable Outlet Plug Housing, Type S54.1/400 V-16A Field-terminated plug for 5-pole CO adapters, type A54.1. The housing includes cable strain relief without connector pins. Connector lock is included.</p>	25	R307484
 <p>010.2592</p>	<p>Connector Pins for the S54.1 CO Plug Housing For the connection of stranded wires without stripping. The wiring can be visually checked through the side window.</p>		
	For 1.5 mm ² stranded wires		
	CO Connector Pin, PE yellow/green	10	R307485
	CO Connector Pin, N light blue	10	R307486
	CO Connector Pin, L1 black	10	R307487
	CO Connector Pin, L2 brown	10	R307488
	CO Connector Pin, L3 white	10	R307489
	CO Connector Pin, L3 gray	10	R312086
	For 2.5 mm ² stranded wires		
	CO Connector Pin, PE yellow/green	10	R307490
	CO Connector Pin, N light blue	10	R307491
	CO Connector Pin, L1 black	10	R307492
	CO Connector Pin, L2 brown	10	R307493
	CO Connector Pin, L3 white	10	R307494
	CO Connector Pin, L3 gray	10	R312088



RCO Power
Cable Outlet 5-pole





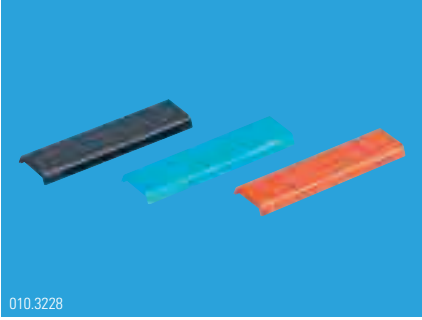
010.2587

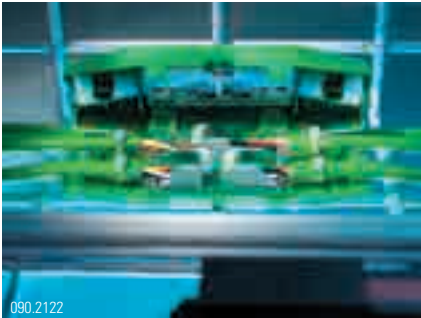
5-pole Cable Outlet Plug Type S54.1/400 V-16A, pre-assembled with cable

For fast on-site installation, the S54.1 plug can be ordered pre-assembled with different types of cables. The cable end for standard cables is left unfinished. Phase assignment is visible through the window. All plugs are equipped with a connector lock.

Ordering Information	Description	Packing Unit	Part Number
 <p>010.2586</p>	Plug Type S54.1, pre-assembled with stranded cable (black, PVC) with a diameter of 3 x 1.5 mm ² . Phase assignment on L1-PE-N. Cable end is left unfinished.		
	0.5 m	1	R307715
	1.0 m	1	R307716
	2.0 m	1	R307717
	3.0 m	1	R307718
	5.0 m	1	R307719
	Plug Type S54.1, pre-assembled with stranded cable (black, PVC) with a diameter of 5 x 1.5 mm ² . Connector assignment on L1-PE-N-L2-L3. Cable end is left unfinished.		
	0.5 m	1	R307721
	1.0 m	1	R307722
	2.0 m	1	R307723
 <p>010.2587</p>	3.0 m	1	R307724
	5.0 m	1	R307725
	Plug Type S54.1, pre-assembled with stranded cable (gray, halogen-free PE compound) with a diameter of 3 x 1.5 mm ² . Connector assignment on L1-PE-N. Cable end is left unfinished.		
	0.5 m	1	R307726
	1.0 m	1	R307727
	2.0 m	1	R307728
	3.0 m	1	R307729
	5.0 m	1	R307730
	Plug Type S54.1, pre-assembled with stranded cable (gray, halogen-free PE compound) with a diameter of 5 x 1.5 mm ² . Connector assignment on L1-PE-N-L2-L3. Cable end is left unfinished.		
	0.5 m	1	R307732
	1.0 m	1	R307733
	2.0 m	1	R307734
	3.0 m	1	R307736
	5.0 m	1	R307737

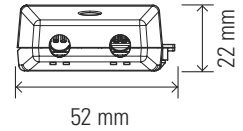
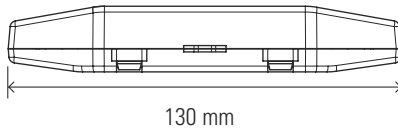
i On request we also assemble CO plugs for other cable types and lengths. The wire ends can be capped with sleeves.

Ordering Information	Description	Packing Unit	Part Number
 <p>010.2477</p>	<p>CO Plug, 5-pole, complete, for 3-pole Wieland (Gesis) CO plug S54.1 wired on L1-PE-N. Phase assignment can be changed subsequently.</p>	1	R307896
 <p>010.2577</p>	<p>Cable Outlet Multiplug, 5-pole, complete, for 3 x 3-pole Wieland (Gesis)</p>	<p>1 1 1 1 1</p>	<p>R307496 R307497 R307498 R307499 R307500</p>
 <p>010.3228</p>	<p>CO Label Clips (S54.1/A54.1) Hard plastic label covers for CO adapters of type A54.1 and CO plugs of type 54.1. Intended for the visual coding of different circuits.</p>	<p>1 10 10 10</p>	<p>R307784 R310738 R310736 R310737</p>
	<p>Cable Outlet Labels (220 units) Appropriate for CO adapters and plugs. On printable A4 sheet.</p>	1	R307501



Bus Outlet

Connection or tapping box for bus cables (2–4 pole).
The bus outlet is used in building automation for diverse bus-systems.



Technical Data

Housing

Color:	green
Dimensions:	130 x 52 x 22 mm
Material:	ABS, halogen-free
Protection class:	IP20

Printed Circuit Board

Nominal voltage:	50 V / AC
Nominal current:	3 A
Dielectric strength:	1000 V

Contact Terminal

Conductor:	solid wire
Conductor diameter:	0.35 mm – 0.65 mm or 0.80 mm
Insulation diameter:	0.70 mm – 1.60 mm
Connecting piece material:	polycarbonate, halogen-free
IDC contact material:	spring bronze, tin-plated
Dielectric strength:	> 1000 V _{eff}
Contact resistance:	< 5 mΩ

Shield contact

Shield contact material:	Bronze, tin-plated
--------------------------	--------------------

Ordering Information

Description

Packing Unit

Part Number



“easy-2” shielded Bus Outlet 0.8 mm

Box for 1 bus cable and 2 connection cables (4-pole) with wire – Ø 0.8 mm

10	R311818
----	---------

“easy-2” shielded Bus Outlet 0.35–0.65 mm



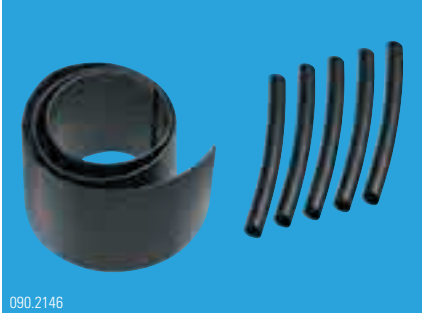
Box for 1 bus cable and 2 connection cables (4-pole) with wire – Ø 0.35–0.65 mm

10	R311565
----	---------

Bus Outlet Labels (110 units)

110 laser labels on A4 sheet (12.7 x 35.56 mm)

1	R307714
---	---------

Ordering Information	Description	Packing Unit	Part Number
 <p>010.3230</p>	<p>RCO Power Cable Stripper Opens cable jackets fast and easily. For cable diameters of 4–16 mm.</p>	1	R307581
 <p>090.2101</p>	<p>RCO DIN Top Hat Rail Mounting Kit to mount CO adapters of type A54.1, CO round cable adapters, 3 x 1.5–2.5 mm² and “easy-2” shielded bus outlets, onto DIN 35 top hat rails.</p>	1	R311559
 <p>090.2146</p>	<p>CO Cable Repair Set Appropriate for 3 x 1.5 mm² to 5 x 2.5 mm².</p>	1	R311915

Additional Assortment
Cable Tie Shelf

Applications

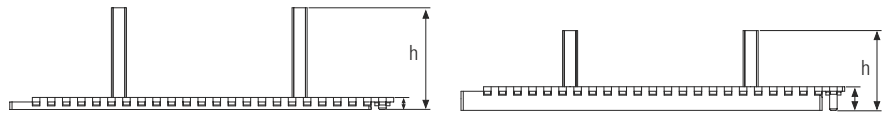
We supply a complete system solution for office cabling systems.



090.2119.2

Installation and Applications

The mounting of the 25 cm long plastic rail, which can be put together to form any required length, is carried out using screws for the pre-punched holes. The screw heads are countersunk into the rails so that the cables cannot be damaged upon laying of cables. The cable tie shelf has also significant advantages in riser zone cabling. Cable mounting can easily be achieved with cable ties, in particular for sensitive data, optical fiber and coaxial cables. The separator and the cable bridge are two handy additions, for use with all cable tie shelves. They are simply snapped into place anywhere on the cable tie shelf. The practical and simple clamp system requires no additional fastening.

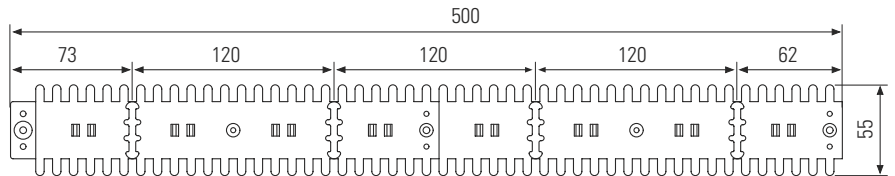


Cable tie shelf, flat

without separator 8 mm
with separator 30, 45, 68 mm

Cable tie shelf, raised

without separator 15 mm
With separator 37, 52, 75 mm



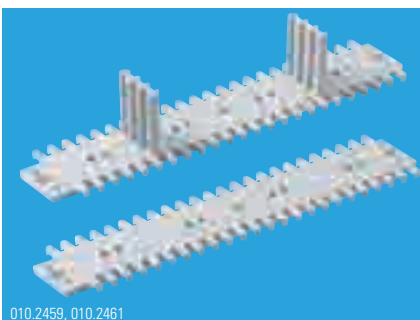
2 aligned cable tie shelves

Ordering Information

Description

Packing Unit

Part Number



010.2459, 010.2461

Cable Tie Shelf

Surface mounting of cable bundles in hollow floors and riser zones.

Cable Tie Shelf, flat

Cable Tie Shelf, 8 mm

Cable tie shelf without separators.

100

R307367

Cable Tie Shelf, 30 mm

Cable tie shelf (height 8 mm) with separators (height 22 mm).

100

R307369

Cable Tie Shelf, 45 mm

Cable tie shelf (height 8 mm) with separators (height 37 mm).

100

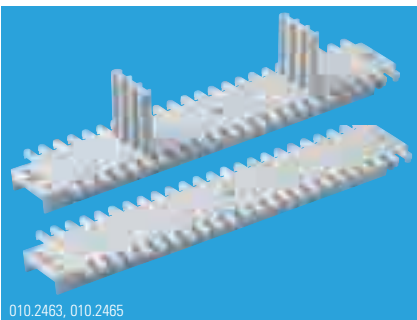


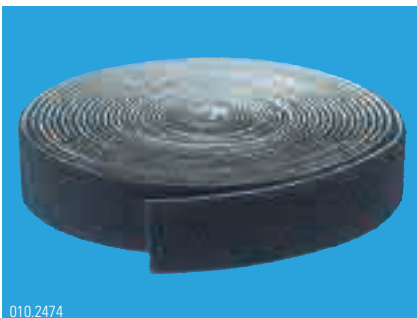
R307370

Cable Tie Shelf 68 mm

Cable tie shelf (height 8 mm) with separators (height 60 mm).

100

R307371

Ordering Information	Description	Packing Unit	Part Number
 <p>010.2463, 010.2465</p>	<p>Cable Tie Shelf, raised Cable Tie Shelf, 15 mm Cable tie shelf, without separators.</p> <p>Cable Tie Shelf, 37 mm Cable tie shelf (height 15 mm) with separators (height 22 mm).</p> <p>Cable Tie Shelf, 52 mm Cable tie shelf (height 15 mm) with separators (height 37 mm).</p> <p>Cable Tie Shelf, 75 mm Cable tie shelf (height 15 mm) with separators (height 60 mm).</p>	<p>50</p> <p>50</p> <p>50</p> <p>50</p>	<p>R307372</p> <p>R307374</p> <p>R307375</p> <p>R307376</p>
 <p>010.2668</p>	<p>Separator, 45 mm, for Cable Tie Shelf Can be snapped into place anywhere on the cable tie shelf. Snapped on separator (height 37 mm).</p>	<p>100</p>	<p>R307365</p>
 <p>010.2475</p>	<p>Cable Bridge for Velcro Tape Fastening Used for direct surface mounting and can be snapped into place anywhere on the cable tie shelf. Ideal for data or optical fiber cables. There is no risk of pressure points on the cable caused by the cable tie.</p> <p>Cable Bridge without Velcro Tape</p> <p>Cable Bridge with 20 cm Velcro Tape 20 cm of Velcro tape are included.</p>	<p>50</p> <p>50</p>	<p>R307431</p> <p>R307429</p>
 <p>010.2474</p>	<p>Velcro Tape 5 m For bundling and fastening pressure-sensitive data and optical fiber cables. Dimensions: 5 m x 20 mm x 1 mm (L x W x D)</p>	<p>1</p>	<p>R307433</p>

**Headquarters Switzerland**

Reichle & De-Massari AG
Binzstrasse 31
CHE-8622 Wetzikon/Switzerland
Telephone +41 (0)44 933 81 11
Telefax +41 (0)44 930 49 41

Sales Switzerland

Buchgründelstrasse 13
CHE-8622 Wetzikon/Switzerland
Telephone +41 (0)44 931 97 77
Telefax +41 (0)44 931 93 29

www.rdm.com

The R&M partner near you

Austria
Benelux
China/Hong Kong
France
Germany
Hungary
India
Italy
Japan
Korea
Poland
Scandinavia
Singapore
Spain
Ukraine
United Arab Emirates
United Kingdom