

Industrial Multipole Connectors revos FLEX - RJ45 Module

revos FLEX

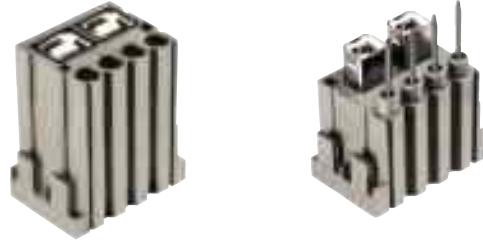


wieland

Electrical
Connections

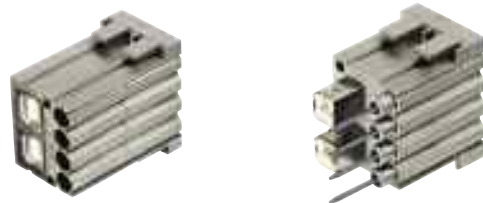
Description

The new **revos** FLEX RJ45 module for the modular connector system expands the product portfolio for transmission of low level signals with the proven robustness of the multipole connector. The **revos** FLEX RJ45 module enables simple wiring of Industrial Ethernet components safe from electromagnetic fields, moisture, dust and mechanical stresses. The module is especially designed for this type of application and enables usage in Fast Ethernet (≤ 100 MBit/s) applications.



Features

- For use in **revos** BASIC housings with high-level design (6-, 10-, 16- and 24- pole)
- IP rating: IP65
- Easy connection from outside via RJ45 system connectors
- Shielding and damping according to CAT5
- Compact, space saving and robust internal design due to USB type B connectors
- USB connector embedded, thus protected against mechanical impact
- Module width equals two standard modules
- Module carries additional four power contacts for 230V/400V/10A



Your benefits

- Time saving during assembly and commissioning
- Easy to service and maintain
- For system commissionings, the module can be used as an adapter
- Combined bushing of bus and power supply with one module

Description	Type	Part No.	Box Qty.
revos FLEX - RJ45 male module	FLE STC 4 40	78.930.0453.0	5
revos FLEX RJ45 female module (For use in high profile hood and housing)	FLE BRC 4 40	78.920.0453.0	5
Technical Data			
Nominal Electrical Data			
Rated voltage in accordance with EN 60664-1	30V / AC Data 230V/400V / Power		
Rated current	Data: 1A Power: 10A		
Data transmission rate	≤ 100 MBit/s		
Transfer behaviour	according to Category 5		
Material			
Body	PA6.6 fiberglass reinforced, flammability according to UL94-V0		
Colour	grey (similar to RAL 7032)		
Temperature range	- 20 °C to + 80 ° C		
System characteristics			
Connection technology	RJ45 female plug crimp connection, power contacts		
Number of poles	RJ45: 8 + shielding Power contacts: 4		

CUSTOMER INFORMATION



Electrical Connections

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Components and system components for the control cabinet

- DIN rail terminal blocks
 - with screw connection
 - with spring clamp connection
 - with IDC connection
- Safety
 - Safety relays
 - Modular safety systems
- Fieldbus components
- Interface
 - Power supplies
 - Overvoltage protection
 - Measuring and monitoring relays
 - Time and switching relays
 - Coupling relays/solid state relays
 - Analog modules
 - Passive interfaces

Components and system components for field applications

- Remote automation
 - Remote power distribution
 - Remote fieldbus interface
- Industrial multipole connectors
 - Modular multipole connectors
 - High-density multipole connectors
 - High-current multipole connectors
 - Multipole connectors for hazardous areas
 - Bushings for control cabinets
 - D-Sub connectors
- Round connectors

Empty housings and appliance connectors/terminal strips

AT Schleicher

- PLC systems and CNC based control systems
- Operator panels
- Application engineering & system solutions
- Customized products

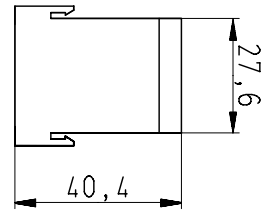
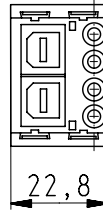
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- Building installation systems
 - Mains connectors IP20/IP65...IP68
 - Bus connectors
 - Combined connectors
 - Low-voltage connectors
 - Flexible flat cable systems
 - Distribution systems
 - Switching devices for EIB/KNX, LON, Ethernet, radio control
 - DIN rail terminal blocks for electrical installations
 - Overvoltage protection

PCB connectors Wieland

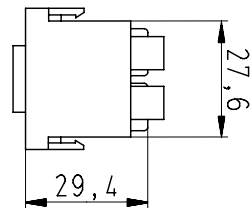
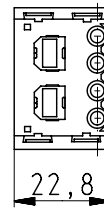
- PC board terminals/PC board connectors
 - with screw connection
 - with spring clamp connection
 - with TOP connection

Dimensions:



female module

Typ FLE BUC 4 40; Part No. 78.920.0453.0



male module

Typ FLE STC 4 40; Part No. 78.930.0453.0

Description	Type	Part No.	Box Qty
Contacts, round, diam. 1,6 mm	mm ² /AWG		
female contact, Ag	0,14-0,37/26-22	02.125.4129.8	100
female contact, Ag	0,5/20	02.125.4229.8	100
female contact, Ag	0,75-1,0/18	02.125.4329.8	100
female contact, Ag	1,5/16	02.125.4429.8	100
female contact, Ag	2,5/14	02.125.4529.8	100
Male contact, Ag	0,14-0,37/26-22	05.544.4129.8	100
Male contact, Ag	0,5/20	05.544.4229.8	100
Male contact, Ag	0,75-1,0/18	05.544.4329.8	100
Male contact, Ag	1,5/16	05.544.4429.8	100
Male contact, Ag	2,5/14	05.544.4529.8	100
Crimping pliers		95.101.0800.0	1
Crimping die	"B"	05.502.2100.0	1
Contact positioner	"1"	05.502.3100.0	1
Contact removal tool		05.502.0710.0	1
Fiber optics POF contacts, diam. 1,6 mm			
Female contact		02.125.2421.0	5
Male contact		05.544.8121.0	5
Stripping/crimping tool set	fiber optics POF contacts	95.101.2000.0	1