

Industrial multi-pole connectors / contact inserts **revos** MINI Q5

Description

The new **revos** MINI contact insert expands the product range of **revos** MINI industrial connectors with an additional type. The insert fits within the MINI housing family in a plastic or metal version. The connection technology is designed with the proven crimp contacts of the **revos** BASIC series and offers a connection range from 0.5 – 4 mm² at a rated current of 16 A and a rated voltage of 400 V.

Features

- ❑ Number of poles: 5 + PE
- ❑ Insert in **revos** MINI housings, size 3 in plastic or metal version
- ❑ Rated voltage 230/400 V (L-L 400, L-PE 230V)
- ❑ Rated current 16 A
- ❑ UL approval according to UL2237 / PVVA (pending)

Advantages

- ❑ Higher contact density → more compact than the **revos** BASIC contact inserts at the same current rating
- ❑ The crimp connection is also suitable for automated cable assembly when working with large quantities



Technical data Electrical rating data	
Rated voltage according to EN 60664-1	230 V / 400 V ; L-L 400V, L-PE 230 V
Rated voltage according to UL/CSA	600 V
Rated current	16 A
Degree of pollution	3
Rated impulse voltage	6 kV
Material	
Insulation material insulation housing	PA 66 fibre-glass reinforced, flammability according to UL 94-V0
Color	grey (similar to RAL 7032)
Temperature range	- 40° C – + 120° C
System characteristics	
Connection type	Crimp connection





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Industrial technology

Solutions for the control cabinet

- DIN rail terminal blocks
 - Screw, spring clamp or IDC connection technology
 - Wire cross sections up to 240 mm²
 - Numerous special functions
 - Software solutions interfacing to CAE systems
- Safety
 - Safety sensors
 - Safety relays
 - Modular safety systems with fieldbus link
- PLC and fieldbus components
 - Standard applications in IP 20
 - Increased environmental conditions with railroad and ship approvals
- Interface
 - Coupling relays, semiconductor switches
 - Measuring and monitoring relays
 - Timer and switching relays
 - Analog modules
 - Passive interfaces
 - Power supply units
 - Overvoltage protection

Solutions for field applications

- Remote automation technology
 - Power distribution
 - Fieldbus interfaces and motor starters
- Connectors for industrial applications
 - Square and round connectors
 - Aluminum or plastic housings
 - Degree of protection up to IP 68
 - Current-carrying capacity up to 100 A
 - Connectors for hazardous areas
 - Modular, application specific technology

PC board terminals and connectors

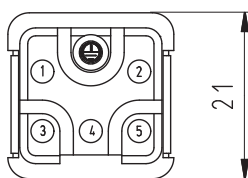
- Screw or spring clamp connection technology
- Spacings: 3.5 mm to 10.16 mm
- Reflow or wave soldering process

Building and installation technology

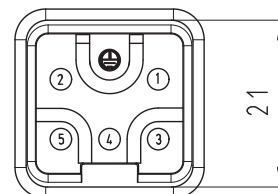
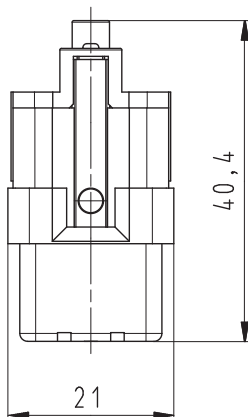
- Building installation systems
 - Main power supply connectors IP 20/IP 65 ... IP 68
 - Bus connectors
 - Combined connectors
 - Low-voltage connectors
 - Power distribution system with flat cables
 - Distribution systems
 - Bus systems in KNX, LON and radio technology
 - DIN rail terminal blocks for electrical installations
 - Overvoltage protection

Technical information

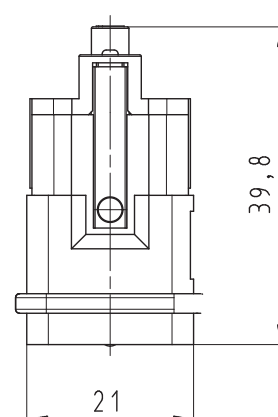
Dimensions



Female insert



Male insert



Description	Type	Ordering no.	XLPE
Female contact insert revos MINI Q5			
5-pole + PE, without crimp contacts	MIN BUC 5 2.5 25 AG	73.700.0553.0	10
Female contacts, crimp			
	0.5 mm ² / AWG 20	02.123.70xx.0	200
	0.75 mm ² / AWG 18	02.123.71xx.0	200
	1.5 mm ² / AWG 26	02.123.72xx.0	200
	2.5 mm ² / AWG 14	02.123.73xx.0	200
	4 mm ² / AWG 12	02.123.74xx.0	200
Male contact insert revos MINI Q5			
5-pole + PE, without crimp contacts	MIN STC 5 2.5 25 AG	73.710.0553.0	10
Male contacts, crimp			
	0.5 mm ² / AWG 20	05.543.70xx.0	200
	0.75 mm ² / AWG 18	05.543.71xx.0	200
	1.5 mm ² / AWG 26	05.543.72xx.0	200
	2.5 mm ² / AWG 14	05.543.73xx.0	200
	4 mm ² / AWG 12	05.543.74xx.0	200

Surfaces

tin plated xx = 21
silver plated xx = 02
gold plated xx = 01

(When ordering, please specify the desired surface for xx)

Accessories

Description	Type	Ordering no.	PU
Crimping tool		95.101.0800.0	1
Crimp die	"B"	05.502.2100.0	1
Contact support	"3"	05.502.3300.0	1
Extraction tool		05.502.3500.0	1

