

# SACC-AT06-4S-RS-IV - Connector housing



1520765

<https://www.phoenixcontact.com/us/products/1520765>

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Connector housing, Crimp contacts

## Commercial data

Item number	1520765
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BF72
Product key	BF2IEA
GTIN	4063151985004
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	6.3 g
Country of origin	MX

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## Technical data

### Notes

General	AT06-4S-RD01BLK
General	Use with Size 16 socket contacts

### Trade restriction

CE note	The products are offered exclusively for export outside the EU and the European Economic Area.
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### Product properties

Product type	Contact insert
Series	AT06
Contact numbering	1 - 4
Shielded	no

### Data management status

Article revision	00
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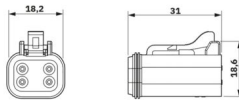
### Electrical properties

Specific dielectric strength	1500 V AC (Less than 2 mA current leakage)
Insulation resistance	1000 MΩ (at 25 °C)

### Connection data

Connection method	Crimp contacts
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### Dimensions

Dimensional drawing	
Width	18.2 mm
Height	18.6 mm
Length	31 mm

### Material specifications

Seal material Profile gasket	Silicon
Seal material Cable seal	Silicon
Housing material	PA-GF

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	≥ 100
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## Characteristics

Specific dielectric strength	1500 V AC (Less than 2 mA current leakage)
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## Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP68 (in mated condition)
	IP69K (in mated condition)
Ambient temperature (operation)	-55 °C ... 125 °C

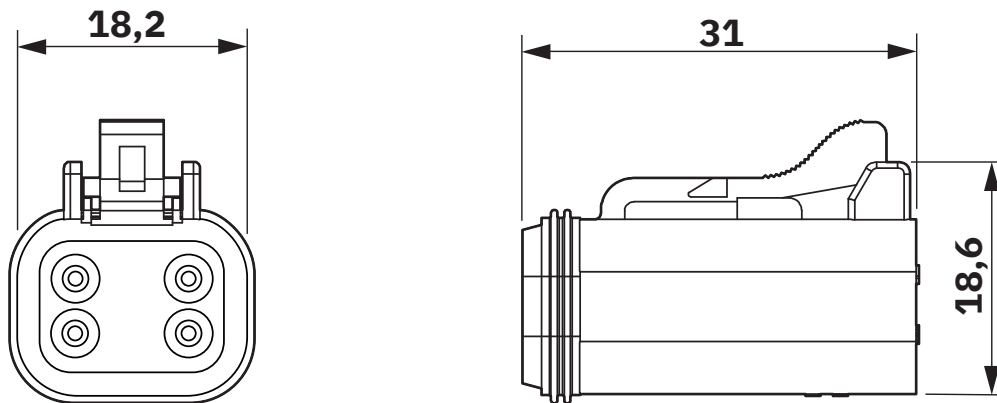
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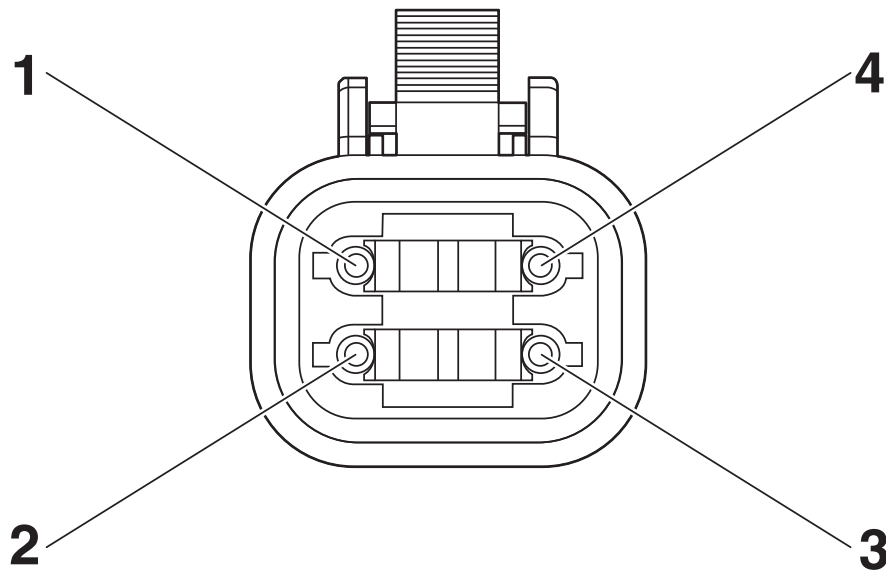
## Drawings

Dimensional drawing



AT06-4S top view and side view

Schematic diagram



AT06-4S pin assignment

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## Classifications

### ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

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## Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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## Accessories

### CC-AT62-S16-R14-NI - Crimp contact

1519750

<https://www.phoenixcontact.com/us/products/1519750>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: nickel-plated, connection cross section: 2.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, AWG 14 ... 14

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### CC-AT62-S16-R16/20-AU - Crimp contact

1519751

<https://www.phoenixcontact.com/us/products/1519751>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>, AWG 20 ... 16

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## CC-AT62-S16-R16/20-NI - Crimp contact

1519753

<https://www.phoenixcontact.com/us/products/1519753>



Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: nickel-plated, connection cross section: 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>, AWG 20 ... 16

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## IV-AW4S - Terminal position assurance

1521022

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Terminal position assurance, material: PA-GF



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## IV-SP16 - Filler plug

1521037

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Filler plug

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