

# CABLE-EC56/F/F/0,34/S/60,0M - Cable



2905498

<https://www.phoenixcontact.com/us/products/2905498>

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Assembled shielded round cable; connection 1: EDAC/ELCO socket strip (1x 56-position); connection 2: EDAC/ELCO socket strip (1x 56-position); cable length: 60 m



## Commercial data

Item number	2905498
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK2281
GTIN	4046356958042
Weight per piece (including packing)	333.33 g
Weight per piece (excluding packing)	333.33 g
Country of origin	DE

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## Technical data

### Product properties

Product type	System cable
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### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

### Electrical properties

Max. permissible operating voltage	25 V AC
	60 V DC
Max. current carrying capacity per path	1.5 A

### Cable/line

Cable length	60 m
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#### 56X0.34 [PVC]

UL AWM Style	2464/1061
Number of positions	56
Shielded	yes
Cable type	56X0.34 [PVC]
Conductor type	Assembled shielded round cable
Conductor structure signal line	19x 0.15 mm
AWG signal line	22
Conductor cross-section	56x 0.34 mm <sup>2</sup>
Wire diameter incl. insulation	1.3 mm ±0.05 mm
External cable diameter	14.10 mm ±0.5 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Bare Cu litz wires
Cable resistance	≤ 60 Ω/km (at 20 °C)
Insulation resistance	≥ 20 MΩ*km (at 20 °C)
Dynamic load capacity (bending)	Max. bending cycles: 5000 (at a radius of ≥ 15x outside diameter)
Halogen-free	no
Flame resistance	IEC 60332-1-2 (raw cable)
	VDE 0842, Part 332-1-2 (raw cable)
	IEC 60332-3-22 (raw cable)
	UL VW-1
	CSA FT-1
Resistance to oil	can withstand occasional splashes (raw cable)

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## Connection data

### Field level

Connection method	EDAC/ELCO socket strip
Number of connections	1
Number of positions	56

### Controller level

Connection method	EDAC/ELCO socket strip
Number of connections	1
Number of positions	56

## Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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# CABLE-EC56/F/F/0,34/S/60,0M - Cable

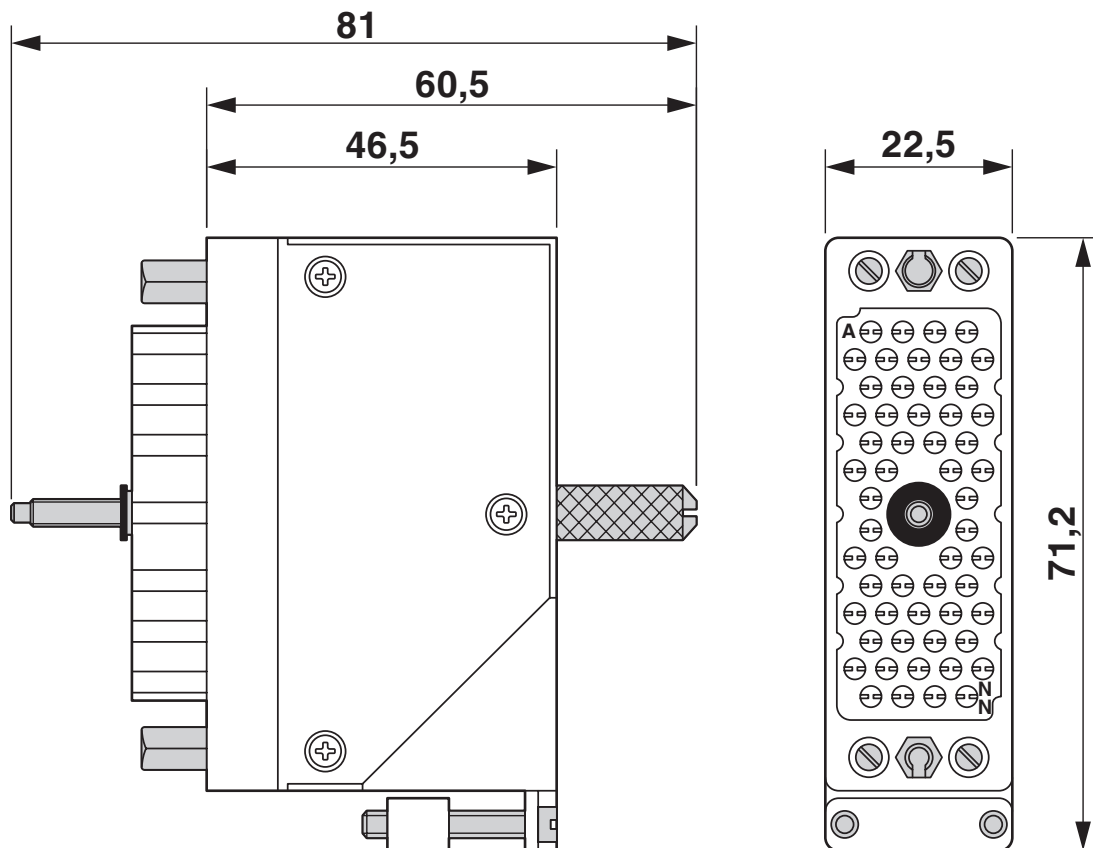


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## Drawings

Dimensional drawing



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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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