

# CABLE-EC56/F/OE/0,34/S/ 4,0M - Cable



2903397

<https://www.phoenixcontact.com/us/products/2903397>

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Assembled shielded round cable; connection 1: Single wires (56-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: EDAC/ELCO socket strip (1x 56-position); cable length: 4 m



## Commercial data

Item number	2903397
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CK2281
Catalog page	Page 616 (C-7-2015)
GTIN	4046356734714
Weight per piece (including packing)	1,607.9 g
Weight per piece (excluding packing)	1,607.9 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	4 m
Number of positions	56
Shielded	yes
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>
External cable diameter	14.20 mm
Conductor material	Bare Cu litz wires
Halogen-free	no
Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1

### Connection data

#### Field level

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

#### Controller level

Connection method	Single wires
Number of positions	56
Note	The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.

### Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-
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party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.

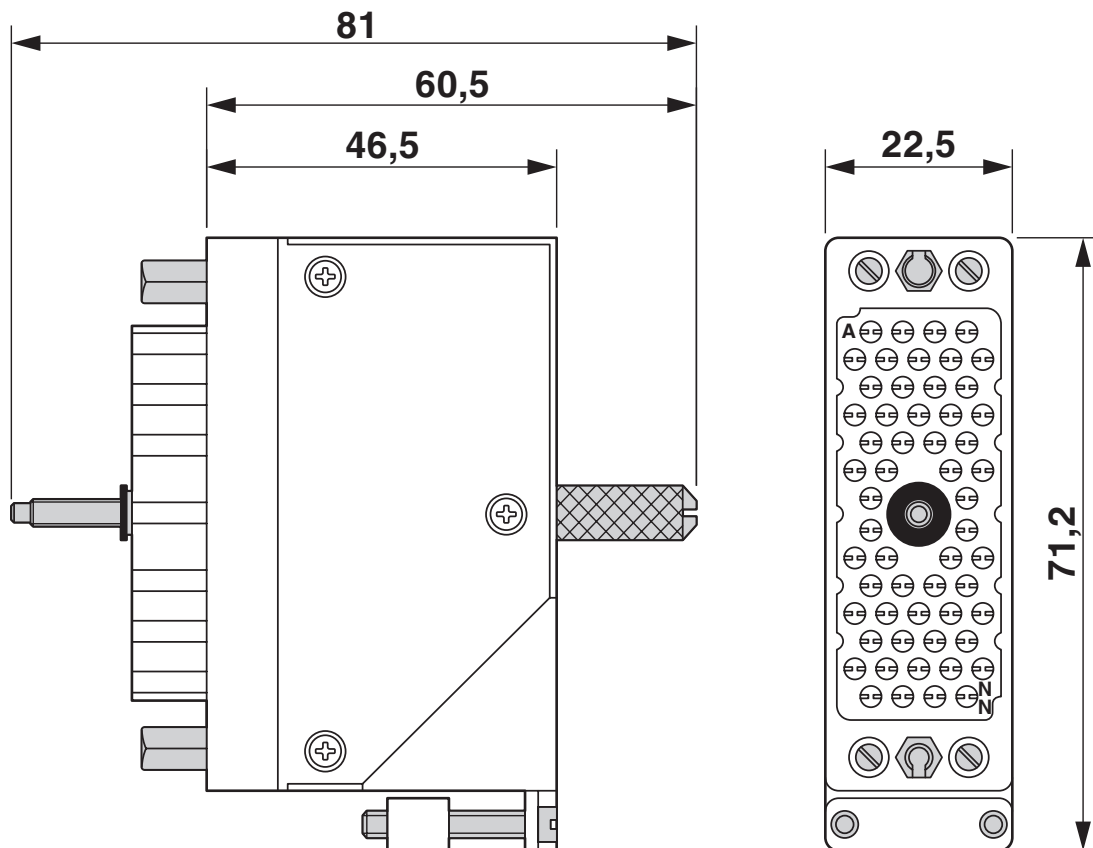
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## Drawings

Dimensional drawing



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## Connection diagram

Individual wire marking	EDAC socket plug-in connector	Individual wire marking	EDAC socket plug-in connector
Z	Z	31	m
1	A	32	n
2	B	33	p
3	C	34	r
4	D	35	s
5	E	36	t
6	F	37	u
7	H	38	v
8	J	39	w
9	K	40	x
10	L	41	y
11	M	42	z
12	N	43	AA
13	P	44	BB
14	R	45	CC
15	S	46	DD
16	T	47	EE
17	U	48	FF
18	V	49	HH
19	W	50	JJ
20	X	51	KK
21	a	52	LL
22	b	53	MM
23	c	54	NN
24	d	Y	Y
25	e		
26	f		
27	h		
28	j		
29	k		
30	l		

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## Classifications

### ECLASS

ECLASS-11.0	27242220
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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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