

CAB-TE MR24F/OE/24/TP/S/ 5M - Cable



2909685

<https://www.phoenixcontact.com/us/products/2909685>

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Assembled shielded round cable; controller: Bailey INFI 90; connection 1: Twisted pair (24-position) (The wires are marked and fitted with ferrules); connection 2: Miniature rectangular (MR) connector (1x 24-position); cable length: 5 m

Your advantages

- Individual wire marking: 1, 2, 3, 4, etc.
- Twisted-pair wires fitted with ferrules
- Open end at one end
- MR connector at one end
- 1:1 connection

Commercial data

Item number	2909685
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C429
Product key	DK2BZZ
GTIN	4055626682280
Weight per piece (including packing)	756 g
Weight per piece (excluding packing)	720 g
Country of origin	US

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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 ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Electrical properties

Operating voltage (AC)	≤ 125 V AC
Operating voltage (DC)	≤ 125 V DC
Current (Per path)	≤ 1 A

Cable/line

Cable length	5 m
Number of positions	12
Shielded	yes
Conductor type	Assembled shielded round cable
Conductor structure signal line	7x
AWG signal line	24
Conductor cross-section	12x 0.21 mm ²
External cable diameter	10.34 mm
Halogen-free	no

Color code: Single-core wire

white-blue	MR24 (1) = ()
blue-white	MR24 (2) = ()
white-orange	MR24 (3) = ()
orange-white	MR24 (4) = ()
white-green	MR24 (5) = ()
green-white	MR24 (6) = ()
white-brown	MR24 (7) = ()
brown-white	MR24 (8) = ()
white-gray	MR24 (9) = ()
gray-white	MR24 (10) = ()
red-blue	MR24 (11) = ()
blue-red	MR24 (12) = ()
red-orange	MR24 (13) = ()
orange-red	MR24 (14) = ()
red-green	MR24 (15) = ()
green-red	MR24 (16) = ()

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red-brown	MR24 (17) = ()
brown-red	MR24 (18) = ()
red-gray	MR24 (19) = ()
gray-red	MR24 (20) = ()
black-blue	MR24 (21) = ()
blue-black	MR24 (22) = ()
black-orange	MR24 (23) = ()
orange-black	MR24 (24) = ()

Connection data

Field level

Connection method	Miniature rectangular (MR) connector
Number of connections	1
Number of positions	24

Controller level

Connection method	Twisted pair
Number of positions	24
Note	The wires are marked and fitted with ferrules

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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Classifications

ECLASS

ECLASS-13.0

27242220

ETIM

ETIM 9.0

EC000237

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Not applicable, Not qualified for the European market
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EU REACH SVHC

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