

Cable - FLK 16/EZ-DR/ 300/KONFEK - 2299330

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Round cable set, with two 16-pos. socket strips (1:1 connection), cable length: 3 m



The illustration shows a 20-position version

Product Features

- Unshielded

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	218.2 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

General

Nominal voltage U_N	< 50 V AC
	60 V DC
Max. current carrying capacity per path	1 A
Max. conductor resistance	0.16 Ω /m
Length of cable	3 m
Single wire, cross section	0.14 mm ²
Single wire, cross section [AWG]	26
Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
External diameter	6.5 mm
Cable, preassembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4
Shielding	no
Outer sheath, material	PVC
External sheath, color	gray RAL 7035

Cable - FLK 16/EZ-DR/ 300/KONFEK - 2299330

Technical data

Environmental conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1
Resistance to oil	DIN VDE 0472 Part 803, test type B
Gasoline resistance	Against occasional splashes

Connector, module side

Connection name	Field level
Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	16
Pitch	2.54 mm

Connector, controller side

Connection name	Controller level
Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	16
Pitch	2.54 mm

Supported controller

Controller	Emerson DeltaV
- suitable I/O card	VE4001S2T2B3
	VE4001S2T2B3 Series 2
	VE4001S2T1B3
	VE4002S1T1B3
	VE4002S1T2B3
	VE4002S1T2B3 Series 2
	VE4003S2B4
	VE4005S2B3

Standards and Regulations

Resistance to oil	DIN VDE 0472 Part 803, test type B
Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1

Cable - FLK 16/EZ-DR/ 300/KONFEK - 2299330

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27249205
eCl@ss 9.0	27242220

ETIM

ETIM 2.0	EC000237
ETIM 3.0	EC000237
ETIM 4.0	EC000237
ETIM 5.0	EC000237

UNSPSC

UNSPSC 6.01	26121620
UNSPSC 7.0901	26121620
UNSPSC 11	26121620
UNSPSC 12.01	26121620
UNSPSC 13.2	26121620

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

Approval details

Cable - FLK 16/EZ-DR/ 300/KONFEK - 2299330

Approvals

EAC

EAC

Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>