

Cable - FLK 14/EZ-DR/ 600/KONFEK - 2290863

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; connection 1: IDC/FLK socket strip (1x 14-position); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 6 m



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 058227
GTIN	4017918058227
Weight per Piece (excluding packing)	379.100 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Length	6 m
--------	-----

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C (fixed installation)
	-10 °C ... 70 °C (flexible installation)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Maximum altitude	≤ 2000 m
Degree of protection	IP00
	≥ IP54 (Installation location)

General

Max. permissible operating voltage	25 V AC
------------------------------------	---------

Cable - FLK 14/EZ-DR/ 600/KONFEK - 2290863

Technical data

General

	60 V DC
Max. current carrying capacity per path	1 A (50 °C)
	0.6 A (70°C)
Nominal operating mode	100% operating factor

Cable

Length of cable	6 m
Type of cable	Round cable set
Single wires, quantity	7
Single wire, material	Cu tin-plated
Single wire, cross section	0.14 mm ²
Single wire, cross section [AWG]	26
Wire diameter incl. insulation	1 mm ±0.03 mm
External cable diameter	6.4 mm ±0.4 mm
Cable, preassembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4
Shielding	no
Halogen-free cable	No
Cable type	Cable for one module
Smallest bending radius, fixed installation	55 mm
Smallest bending radius, movable installation	104 mm
Bending cycles	5000 (at a radius of ≥ 15x outside diameter)
Cable insulation resistance	≥ 20 MΩ/km (20 °C)
Cable resistance	≤ 145 Ω/km (20 °C)
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
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)
Gasoline resistance	can withstand occasional splashes (raw cable)

Connection data

Connection name	Field level
Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK socket strip
Number of connections	1

Cable - FLK 14/EZ-DR/ 600/KONFEK - 2290863

Technical data

Connection data

Number of positions	14
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Connection data 2

Connection name	Controller level
Connection in acc. with standard	IEC 60603-13
Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	14
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Standards and Regulations

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)
Gasoline resistance	can withstand occasional splashes (raw cable)
Connection in acc. with standard	CUL
Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178
Rated insulation voltage	63 V
Rated surge voltage	0.6 kV
Insulation	Functional insulation
Pollution degree	2
Overvoltage category	II

Supported controller

Controller	SIEMENS S7-1500
- suitable I/O card	6ES7521-1BH00-0AB0
	6ES7521-1BH10-0AA0
	6ES7521-1BH50-0AA0
	6ES7521-1BL00-0AB0
	6ES7522-1BH00-0AB0
	6ES7522-1BH01-0AB0
	6ES7522-1BH10-0AA0

Cable - FLK 14/EZ-DR/ 600/KONFEK - 2290863

Technical data

Supported controller

	6ES7522-1BL00-0AB0
	6ES7522-1BL01-0AB0
	6ES7531-7KF00-0AB0
	6ES7531-7NF00-0AB0
	6ES7531-7NF10-0AB0
	6ES7531-7PF00-0AB0
	6ES7532-5HF00-0AB0
	6ES7532-5HD00-0AB0
	6ES7532-5ND00-0AB0
Controller	SIEMENS S7-300 / ET 200 M
- suitable I/O card	CPU 312C
	CPU 313C
	CPU 313C-2DP
	CPU 313C-2PtP
	CPU 314C-2DP
	CPU 314C-2PtP
	6ES7321-1BH02-0AA0
	6ES7321-1BH10-0AA0
	6ES7321-1BH50-0AA0
	6ES7321-1BL00-0AA0
	6ES7321-7BH01-0AB0
	6ES7322-1BH01-0AA0
	6ES7322-1BH10-0AA0
	6ES7322-1BL00-0AA0
	6ES7322-8BF00-0AB0
	6ES7322-8BH01-0AB0
	6ES7323-1BH01-0AA0
	6ES7323-1BL00-0AA0
	6ES7331-7HF01-0AB0
	6ES7331-7KB02-0AB0
	6ES7331-7KF02-0AB0
	6ES7331-7NF00-0AB0
	6ES7331-7PF01-0AB0
	6ES7331-7PF11-0AB0
	6ES7332-5HD01-0AB0
	6ES7332-5HB01-0AB0
	6ES7332-7ND02-0AB0

Cable - FLK 14/EZ-DR/ 600/KONFEK - 2290863

Technical data

Supported controller

	6ES7332-8TF01-0AB0
	6ES7334-0CE01-0AA0
	6ES7334-0KE00-0AB0
	6ES7335-7HG01-0AB0
	6ES7336-4GE00-0AB0
	6ES7338-4BC01-0AB0
	6ES7350-1AH03-0AE0
	6ES7350-2AH01-0AE0
	6ES7351-1AH01-0AE0
	6ES7352-1AH02-0AE0
	6ES7353-1AH01-0AE0
	6ES7354-1AH01-0AE0
	6ES7355-0VH10-0AE0
	6ES7355-1VH10-0AE0
	6ES7357-4AH01-0AE0
Controller	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-IN16
	1756-IA8D
	1756-IA16
	1756-IB16
	1756-IC16
	1756-OB16E
	1756-IR6I
	1756-IT6I
	1756-OF4
	1756-OF6CI
	1756-OF8
	1756-PLS
Controller	HONEYWELL Experion PKS C200
- suitable I/O card	TC-IDX 081
	TC-IDA 161
	TC-IAH 061
	TC-IXR 061
	TC-IXL 061
	TC-OAH 061
	TC-OAV 061
	TC-OAV 081

Cable - FLK 14/EZ-DR/ 600/KONFEK - 2290863

Technical data

Supported controller

Controller	SCHNEIDER ELECTRIC Modicon TSX QUANTUM
- suitable I/O card	DDI 353
	DDI 853
	DAI 453
	DDO 353

Color code

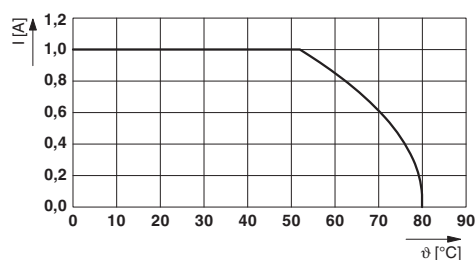
Connector 1 = connector 2 (optional) = wire color	IDC/FLK14 (1) = IDC/FLK14 (1) = black
	IDC/FLK14 (2) = IDC/FLK14 (2) = brown
	IDC/FLK14 (3) = IDC/FLK14 (3) = red
	IDC/FLK14 (4) = IDC/FLK14 (4) = orange
	IDC/FLK14 (5) = IDC/FLK14 (5) = yellow
	IDC/FLK14 (6) = IDC/FLK14 (6) = green
	IDC/FLK14 (7) = IDC/FLK14 (7) = blue
	IDC/FLK14 (8) = IDC/FLK14 (8) = violet
	IDC/FLK14 (9) = IDC/FLK14 (9) = gray
	IDC/FLK14 (10) = IDC/FLK14 (10) = white
	IDC/FLK14 (11) = IDC/FLK14 (11) = white-black
	IDC/FLK14 (12) = IDC/FLK14 (12) = white-brown
	IDC/FLK14 (13) = IDC/FLK14 (13) = white-red
	IDC/FLK14 (14) = IDC/FLK14 (14) = white-orange

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Diagram



Maximum permissible current per path in uncoiled state

Cable - FLK 14/EZ-DR/ 600/KONFEK - 2290863

Classifications

eCl@ss

eCl@ss 10.0.1	27242220
eCl@ss 11.0	27242220
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27242200
eCl@ss 5.1	27242200
eCl@ss 6.0	27249200
eCl@ss 7.0	27249205
eCl@ss 9.0	27242220

ETIM

ETIM 2.0	EC000237
ETIM 3.0	EC000237
ETIM 4.0	EC000237
ETIM 6.0	EC000237
ETIM 7.0	EC000237

UNSPSC

UNSPSC 6.01	26121620
UNSPSC 7.0901	26121620
UNSPSC 11	26121620
UNSPSC 12.01	26121620
UNSPSC 13.2	26121620
UNSPSC 18.0	26121620
UNSPSC 19.0	26121620
UNSPSC 20.0	26121620
UNSPSC 21.0	26121620

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Cable - FLK 14/EZ-DR/ 600/KONFEK - 2290863

Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN		125 V	
Nominal current IN		1 A	

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal voltage UN		125 V	
Nominal current IN		1 A	

EAC		RU*- DE.HB*35.B00385
-----	---	-------------------------

cULus Listed	
--------------	---

Accessories

Accessories

Marker carrier cable

Cable marker carrier - KME - 0807083



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable binders, cable diameter: > 5 mm, lettering field size: 20 mm x 8 mm