

# Cable - FLK 50/EZ-DR/ 100/KONFEK - 2289078

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Round cable sets, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 1 m

## Key commercial data

<b>package_quantity</b>	1
<b>GTIN</b>	4017918057466

## Technical data

### General

<b>Nominal voltage <math>U_N</math></b>	< 50 V AC
<b>Nominal voltage <math>U_N</math></b>	60 V DC
<b>Max. current carrying capacity per path</b>	1 A
<b>Max. conductor resistance</b>	0.16 $\Omega$ /m
<b>Length of cable</b>	1 m
<b>Single wire, cross section</b>	0.14 mm <sup>2</sup>
<b>AWG</b>	26
<b>Conductor construction: Number of litz wires:</b>	7
<b>Single wire, material</b>	Cu tin-plated
<b>External diameter</b>	10.3 mm
<b>Cable, preassembly</b>	Insulation displacement, IEC 60352-4/DIN EN 60352-4
<b>Shielding</b>	no
<b>Outer sheath, material</b>	PVC
<b>External sheath, color</b>	Gray RAL 7035

### Environmental conditions

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

### Connector, module side

<b>Number of positions</b>	50
<b>Connectors</b>	IDC/FLK socket strip (2.54 mm)
<b>Number of plugs</b>	1

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### Connector, controller side

<b>Number of positions</b>	50
<b>Connectors</b>	IDC/FLK socket strip (2.54 mm)
<b>Number of plugs</b>	1

### Supported controller

<b>Controller</b>	SIEMENS S7-300 / ET 200 M
- suitable I/O card	CPU 313C
- suitable I/O card	CPU 313C-2DP
- suitable I/O card	CPU 313C-2PtP
- suitable I/O card	CPU 314C-2DP
- suitable I/O card	CPU 314C-2PtP
- suitable I/O card	6ES7 321-1BL00-0AA0
- suitable I/O card	6ES7 322-1BL00-0AA0
- suitable I/O card	6ES7 322-8BH01-0AB0
- suitable I/O card	6ES7 323-1BL00-0AA0
- suitable I/O card	6ES7 326-1BK02-0AB0
- suitable I/O card	6ES7 326-1RF00-0AB0
- suitable I/O card	6ES7 326-2BF01-0AB0
- suitable I/O card	6ES7 326-2BF10-0AB0
- suitable I/O card	6ES7 331-1KF01-0AB0
- suitable I/O card	6ES7 331-7NF00-0AB0
- suitable I/O card	6ES7 331-7NF10-0AB0
- suitable I/O card	6ES7 331-7PF01-0AB0
- suitable I/O card	6ES7 331-7PF11-0AB0
- suitable I/O card	6ES7 332-5HF00-0AB0
- suitable I/O card	6ES7 350-2AH01-0AE0
- suitable I/O card	6ES7 357-4AH01-0AE0
<b>Controller</b>	SIEMENS S7-400
- suitable I/O card	6ES7 421-1BL01-0AA0
- suitable I/O card	6ES7 421-7BH01-0AB0
- suitable I/O card	6ES7 421-7DH00-0AA0
- suitable I/O card	6ES7 422-1BL00-0AA0
- suitable I/O card	6ES7 422-7BL00-0AB0
- suitable I/O card	6ES7 431-0HH0-0AB0
- suitable I/O card	6ES7 431-1KF00-0AB0
- suitable I/O card	6ES7 431-1KF10-0AB0
- suitable I/O card	6ES7 431-1KF20-0AB0
- suitable I/O card	6ES7 431-7KF00-0AB0
- suitable I/O card	6ES7 431-7KF10-0AB0
- suitable I/O card	6ES7 431-7QH00-0AB0
- suitable I/O card	6ES7 432-1HF00-0AB0
<b>Controller</b>	Schneider Electric MODICON TSX QUANTUM

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### Technical data

#### Supported controller

- suitable I/O card	DDI 353
- suitable I/O card	DDI 841
- suitable I/O card	DDI 853
- suitable I/O card	DAI 340
- suitable I/O card	DAI 353
- suitable I/O card	DAI 440
- suitable I/O card	DAI 453
- suitable I/O card	DDO 353
- suitable I/O card	DDM 390
- suitable I/O card	ACI 030
- suitable I/O card	ACI 040
- suitable I/O card	ATI 030
- suitable I/O card	ARI 030
- suitable I/O card	AVI 030
- suitable I/O card	ACO 020
- suitable I/O card	ACO 130
- suitable I/O card	AVO 020
- suitable I/O card	EHC 105
- suitable I/O card	EHC 202
<b>Controller</b>	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-IA16I
- suitable I/O card	1756-IB16D
- suitable I/O card	1756-IB16I
- suitable I/O card	1756-IB32
- suitable I/O card	1756-IH16I
- suitable I/O card	1756-OB32
- suitable I/O card	1756-IF8
- suitable I/O card	1756-IF16
- suitable I/O card	1756-HSC
- suitable I/O card	1756-M02AE
<b>Controller</b>	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 IBN
- suitable I/O card	1771 OBN
<b>Controller</b>	HONEYWELL PlantScape
- suitable I/O card	TC-IDK 161
- suitable I/O card	TC-IDX 161
- suitable I/O card	TC-IDJ 161
- suitable I/O card	TC-IDD 321
- suitable I/O card	TC-ODD 321
- suitable I/O card	TC-IAH 161
<b>Controller</b>	ALLEN-BRADLEY SLC 500

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## Technical data

### Supported controller

- suitable I/O card	1746 OA16
- suitable I/O card	1746 OW16

## 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	27061801

### ETIM

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

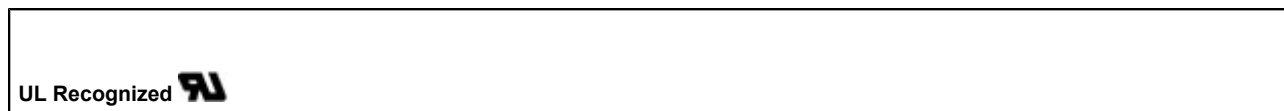
### UNSPSC

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

## approvals

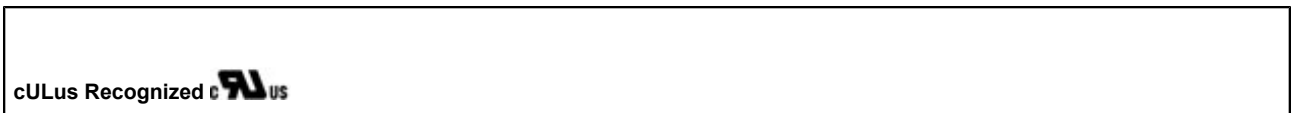
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### Approval details



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approvals



Drawings

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