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Especialistas en Automatización

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## Cable - CABLE-FCN40/1X50/ 0,5M/IM/MEL - 2903468

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Assembled round cable for connecting 32 channels in the Mitsubishi Melsec L and Melsec Q. The system cable has one 40-pos. Fujitsu strip and one 50-pos. FLK strip, length 0.5 m



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 742672

### Technical data

#### General

Nominal voltage $U_N$	< 50 V AC
	60 V DC
Max. current carrying capacity per path	1 A
Max. total current of all branches	2 A
Max. conductor resistance	0.16 $\Omega$ /m
Length of cable	0.5 m
Single wire, cross section	0.14 mm <sup>2</sup>
Single wire, cross section [AWG]	26
Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
External diameter	10 mm
Shielding	no
Outer sheath, material	PVC
External sheath, color	RAL7035

#### 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

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### Technical data

#### Connector, module side

Connection method	IDC/FLK socket strip (2.54 mm)
Number of connections	1
Number of positions	50

#### Connector, controller side

Connection method	Fujitsu connector
Number of connections	1
Number of positions	40

#### Supported controller

Controller	MITSUBISHI MELSEC Q
- suitable I/O card	QX41
	QX41-S1
	QX42
	QX42-S1
	QX71
	QX72
	QY41P
	QY42P
	QY71
	QH42P
	QY82P
Controller	MITSUBISHI MELSEC L
- suitable I/O card	LX41C4
	LX42C4
	LY41NT1P
	LY42NT1P
	LY41PT1P
	LY42PT1P
Controller	HONEYWELL MasterLogic 200
- suitable I/O card	2MLQ-TR4A
	2MLQ-TR8A
	2MLQ-TR4B
	2MLQ-TR8B

#### 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

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## 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

### 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

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Approvals

EAC

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Ex Approvals

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Approvals submitted

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### Approval details

EAC
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## Drawings

## Cable - CABLE-FCN40/1X50/ 0,5M/IM/MEL - 2903468

### Connection diagram

Fujitsu FCN 40	FLK 50	Fujitsu FCN 40	FLK 50
PIN A1	PIN 11	PIN B16	PIN 7
PIN B1	PIN 1	PIN A17	PIN 30
PIN A2	PIN 48	PIN B17	PIN 6
PIN B2	PIN 38	PIN A18	PIN 29
PIN A3		PIN B18	PIN 5
PIN B3		PIN A19	PIN 28
PIN A4		PIN B19	PIN 4
PIN B4		PIN A20	PIN 27
PIN A5	PIN 46	PIN B20	PIN 3
PIN B5	PIN 22		PIN 2
PIN A6	PIN 45		PIN 13 <input type="checkbox"/>
PIN B6	PIN 21		PIN 12 <input type="checkbox"/>
PIN A7	PIN 44		PIN 23 <input type="checkbox"/>
PIN B7	PIN 20		PIN 14 <input type="checkbox"/>
PIN A8	PIN 43		PIN 25 <input type="checkbox"/>
PIN B8	PIN 19		PIN 24 <input type="checkbox"/>
PIN A9	PIN 42		PIN 35 <input type="checkbox"/>
PIN B9	PIN 18		PIN 26 <input type="checkbox"/>
PIN A10	PIN 41		PIN 37 <input type="checkbox"/>
PIN B10	PIN 17		PIN 36 <input type="checkbox"/>
PIN A11	PIN 40		PIN 47 <input type="checkbox"/>
PIN B11	PIN 16		
PIN A12	PIN 39		
PIN B12	PIN 15		
PIN A13	PIN 34		
PIN B13	PIN 10		
PIN A14	PIN 33		
PIN B14	PIN 9		
PIN A15	PIN 32		
PIN B15	PIN 8		
PIN A16	PIN 31		

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