

Front adapters - FLK 40-PA/EZ-DR/KS/ 200/YUC - 2314341

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Cast front adapter with attached round cable and a 40-pos. socket strip injection-molded on both sides for the connection of Yokogawa controllers. Cable length: 2.0 m

Your advantages

- Molded connectors
- Can be screwed on
- Lateral cable outlet of the I/O module
- KS/AKB-compatible connectors on the module side

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 100311
GTIN	4046356100311
Weight per Piece (excluding packing)	530.000 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Note

Note	No additional touch protection is required when using a SELV/PELV voltage (≤ 25 V AC or 60 V DC).
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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

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Ambient conditions

Maximum altitude	≤ 2000 m
Degree of protection	IP20
	≥ IP54 (Installation location)

General

Max. permissible operating voltage	30 V DC
Max. permissible current	500 mA (per path)
Nominal operating mode	100% operating factor

Standards and Regulations

Flame resistance	UL VW-1
	CSA FT-1
	IEC 60332-1-2
	VDE 0842, Part 332-1-2
	IEC 60332-3-22
Resistance to oil	against occasional splashes
Gasoline resistance	against occasional splashes
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

Connection data

Connection name	Control side
Connection method	Yokogawa, I/O cards compatible
Number of connections	1
Number of positions	40
Torque	0.5 Nm (Screw connection)
Insertion/withdrawal cycles	> 50

Connection data 2

Connection name	Module side
Connection method	Yokogawa, KS compatible
Number of connections	1
Number of positions	40
Torque	0.5 Nm (Screw connection)

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Technical data

Connection data 2

Insertion/withdrawal cycles	> 50
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Cable

Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
Single wire, cross section	0.14 mm ²
Length of cable	2 m
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Shielding	yes
Halogen-free cable	No
Cable insulation resistance	≥ 20 MΩ/km (at 20 °C)
Cable resistance	≤ 145 Ω/km (at 20 °C)

Supported controller

Controller	YOKOGAWA CS3000 CentumVP
- suitable I/O card	AAI543
	AAI141
	AAI143
	AAI835
	AAI841
	AAI135
	AAR181
	AAT141
	AAV141
	AAV142
	AAB841
	AAV542
Controller	YOKOGAWA STARDOM
- suitable I/O card	NFAI543
	NFAI141
	NFAI143
	NFAI835
	NFAI841
	NFAI135
	NFAV141
	NFAV142
	NFAB841

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Technical data

Supported controller

	NFAV542
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.1	27061800
eCl@ss 6.0	27249200
eCl@ss 7.0	27249290
eCl@ss 8.0	27249290
eCl@ss 9.0	27242292

ETIM

ETIM 4.0	EC002584
ETIM 5.0	EC002584
ETIM 6.0	EC002584
ETIM 7.0	EC002584

UNSPSC

UNSPSC 6.01	26121620
UNSPSC 7.0901	26121620
UNSPSC 11	26121620
UNSPSC 12.01	26121620
UNSPSC 13.2	32151601

Approvals

Approvals

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UL Listed / cUL Listed / EAC / cULus Listed

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Approvals

Ex 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		0.5 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		0.5 A	

EAC			RU C- DE.A*30.B00767
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cULus Listed			
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Accessories

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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

Spare parts

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Accessories

Screw set - VF-SCREW-YOKOGAWA/M3X18/DCS - 2902873



Replacement screw M3x18 for Yokogawa system cable, front adapter control side.

Screw set - VF-SCREW-YOKOGAWA/M4X25/KS - 2902874



Replacement screw M4x25 for Yokogawa system cable, module side.
