

Front adapters - FLK 50-PA/EZ-DR/KS/2500/YOC - 2314574


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>)



Cast front adapter with attached round cable and a 50-pos. socket strip injection-molded on both sides for the connection of Yokogawa ProSafe controllers. Cable length: 25.0 m



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 133715
GTIN	4046356133715

Technical data

Note

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

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	IP20
	\geq IP54 (Installation location)

General

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

Standards and Regulations

Flame resistance	UL VW-1
------------------	---------

Front adapters - FLK 50-PA/EZ-DR/KS/2500/YOC - 2314574

Technical data

Standards and Regulations

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

Connection data 2

Connection name	Field level
Connection method	Yokogawa, KS compatible
Number of connections	1
Number of positions	50
Torque	0.5 Nm (Screw connection)
Insertion/withdrawal cycles	> 50

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	25 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

Front adapters - FLK 50-PA/EZ-DR/KS/2500/YOC - 2314574

Technical data

Supported controller

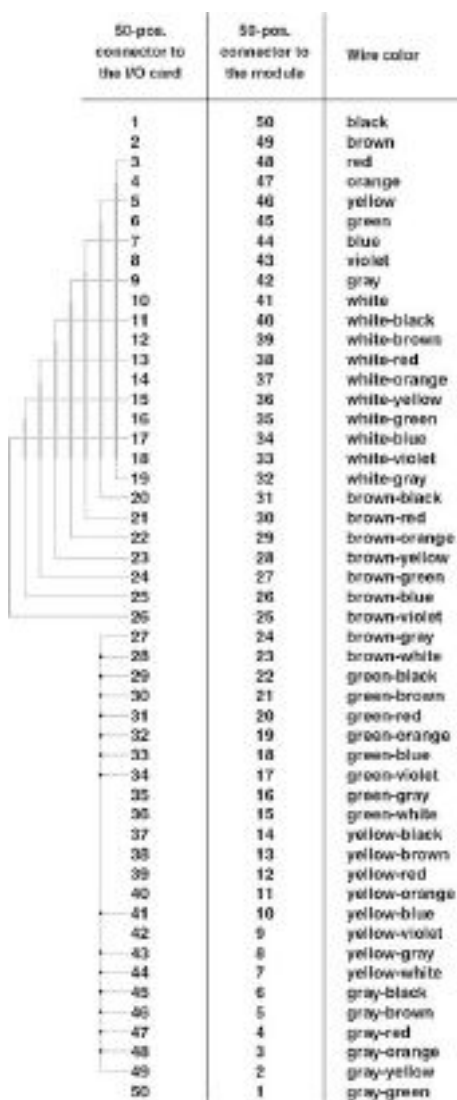
Controller	Yokogawa ProSafe-RS
------------	---------------------

Environmental Product Compliance

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

Drawings

Connection diagram



Front adapters - FLK 50-PA/EZ-DR/KS/2500/YOC - 2314574

Classifications

eCl@ss

eCl@ss 10.0.1	27242292
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
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
UNSPSC 18.0	32151601
UNSPSC 19.0	32151601
UNSPSC 20.0	32151601
UNSPSC 21.0	32151601

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

Front adapters - FLK 50-PA/EZ-DR/KS/2500/YOC - 2314574

Approvals

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
-----	--	-------------------------

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

Accessories

Spare parts

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.

Phoenix Contact 2020 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[2314574](#)