

FLK 40-PA/EZ-DR/KS/1600/YUC - Front adapter



2321596

<https://www.phoenixcontact.com/us/products/2321596>

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 documentation. Our general terms of use for downloads are valid.



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: 16.0 m

Your advantages

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

Commercial data

Item number	2321596
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	CK2154
Catalog page	Page 466 (C-7-2013)
GTIN	4046356339568
Weight per piece (including packing)	2,567 g
Weight per piece (excluding packing)	2,567 g
Customs tariff number	85444290
Country of origin	DE

FLK 40-PA/EZ-DR/KS/1600/YUC - Front adapter



2321596

<https://www.phoenixcontact.com/us/products/2321596>

Technical data

Product properties

Product type	Front adapter
--------------	---------------

Electrical properties

Operating voltage (DC)	≤ 30 V DC
Nominal operating mode	100% operating factor
Current (Per path)	≤ 500 mA (uncoiled)

Supported controller YOKOGAWA CS3000 CentumVP

Suitable I/O card	AAI543
	AAI141
	AAI143
	AAI835
	AAI841
	AAI135
	AAR181
	AAT141
	AAV141
	AAV142
	AAB841
	AAV542

Supported controller YOKOGAWA STARDOM

Suitable I/O card	NFAI543
	NFAI141
	NFAI143
	NFAI835
	NFAI841
	NFAI135
	NFAV141
	NFAV142
	NFAB841
	NFAV542

Supported controller YOKOGAWA ProSafe-RS

Suitable I/O card	SAI143
	SAV144
	SAI533

Connection data

Connection 1

Connection in acc. with standard	based on IEC 60603-13
----------------------------------	-----------------------

FLK 40-PA/EZ-DR/KS/1600/YUC - Front adapter



2321596

<https://www.phoenixcontact.com/us/products/2321596>

Connection method	Yokogawa, I/O cards compatible
Number of connections	1
Number of positions	40
Tightening torque	0.5 Nm (Screw connection)
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Connection 2

Connection in acc. with standard	based on IEC 60603-13
Connection method	Yokogawa, KS compatible
Number of connections	1
Number of positions	40
Tightening torque	0.5 Nm (Screw connection)
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Dimensions

Cable

Length	16 m
--------	------

Cable/line

40X0.14 [PVC]

UL AWM Style	2464/1061
Number of positions	40
Shielded	yes
Cable type	40X0.14 [PVC]
Conductor type	Assembled shielded round cable
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross section	40x 0.14 mm ²
Wire diameter incl. insulation	1 mm ±0.03 mm
External cable diameter	9.80 mm ±0.3 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Cable resistance	≤ 145 Ω/km (at 20 °C)
Insulation resistance	≥ 20 MΩ*km (20 °C)
Smallest bending radius, fixed installation	101 mm
Smallest bending radius, movable installation	182 mm
Max. bending cycles	5000 (at a radius of ≥ 18x outside diameter)
Halogen-free	no
Flame resistance	IEC 60332-1-2 (raw cable) VDE 0842, Part 332-1-2 (raw cable) IEC 60332-3-22 (raw cable)

FLK 40-PA/EZ-DR/KS/1600/YUC - Front adapter



2321596

<https://www.phoenixcontact.com/us/products/2321596>

	UL VW-1
	CSA FT-1
Resistance to oil	can withstand occasional splashes (raw cable)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-40 °C ... 70 °C (fixed installation) -10 °C ... 70 °C (flexible installation)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	≤ 2000 m

Approvals

UKCA

Certificate	UKCA-compliant
-------------	----------------

Notes

General	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
---------	--

FLK 40-PA/EZ-DR/KS/1600/YUC - Front adapter



2321596

<https://www.phoenixcontact.com/us/products/2321596>

Classifications

ECLASS

ECLASS-11.0	27242292
ECLASS-12.0	27242292
ECLASS-13.0	27242292

ETIM

ETIM 9.0	EC002584
----------	----------

UNSPSC

UNSPSC 21.0	32151600
-------------	----------

FLK 40-PA/EZ-DR/KS/1600/YUC - Front adapter



2321596

<https://www.phoenixcontact.com/us/products/2321596>

Environmental product compliance

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

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com