

2314969

https://www.phoenixcontact.com/us/products/2314969

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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: 6.0 m

Commercial data

Item number	2314969
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	CK222N
GTIN	4046356176026
Weight per piece (including packing)	1,264.5 g
Weight per piece (excluding packing)	1,201.9 g
Customs tariff number	85444290
Country of origin	DE



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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 ProSafe-RS	
Suitable I/O card	SDV531
	SDV531L

Connection data

Connection 1

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

Connection 2

based on IEC 60603-13
Yokogawa, KS compatible
1
50
0.5 Nm (Screw connection)
> 50
2.54 mm

Dimensions

Cable

Length 6 m	
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Cable/line

50X0.14 [PVC]

007.0.11[. 10]	
UL AWM Style	2464/1061
Number of positions	50
Shielded	yes
Cable type	50X0.14 [PVC]



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Conductor type	Assembled shielded round cable
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross section	50x 0.14 mm²
Wire diameter incl. insulation	1 mm ±0.03 mm
External cable diameter	11.00 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	114 mm
Smallest bending radius, movable installation	205 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)
	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

Mounting

Mounting position	any

Notes

Notes on operation	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.
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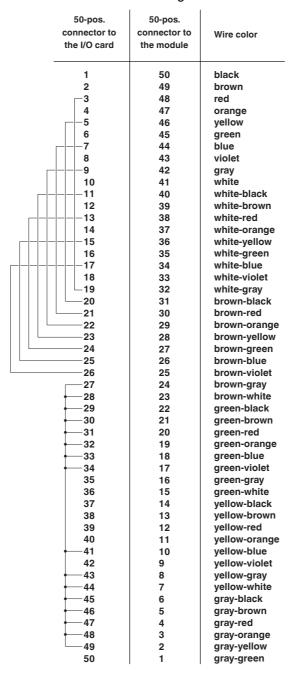


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Drawings

Connection diagram





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Approvals

🌣 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2314969

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EAC

Approval ID: RU*-DE.HB*35.B00385

UL Listed Approval ID: F	ILE E 238705			
	Nominal voltage U_N	Nominal current I _N	Cross section AWG	Cross section mm ²
	125 V	0.5 A	-	-

cUL Listed Approval ID: F	 			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	125 V	0.5 A	-	-

cULus Listed



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Classifications

UNSPSC 21.0

ECLASS

27242292				
27242292				
27242292				
ETIM				
EC002584				

32151600



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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%



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Accessories

KME - Cable marker carrier

0807083

https://www.phoenixcontact.com/us/products/0807083



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable ties, cable diameter: > 5 mm, lettering field size: 20 x 8 mm

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

2902873

https://www.phoenixcontact.com/us/products/2902873



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



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

2902874

https://www.phoenixcontact.com/us/products/2902874



Replacement screw M4x25 for Yokogawa system cable, module side.

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