

KC-88014448/1,00 - Hybrid cable

1627298

<https://www.phoenixcontact.com/us/products/1627298>



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Hybrid cable, cable length: 1 m, shielded: yes, color of outer sheath: orange RAL 2003



Commercial data

Item number	1627298
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB36
Product key	ABRGCA
GTIN	4055626297804
Weight per piece (including packing)	1,040.9 g
Weight per piece (excluding packing)	853.5 g
Customs tariff number	85444995
Country of origin	DE

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Technical data

Product properties

Product type	Cable by the meter
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Connector

Cable specifications

Cable type	HDSLC11Y-J
Transmission speed	CAT5
Transmission speed	100 Mbps (Data interface)
Shielded	yes
Cable structure	(5x 10 + (4x 1.5) + (4x 0.34)C) C
External cable diameter	21.40 mm ±0.7 mm
Outer sheath, material	PUR
Material wire insulation	PP
External sheath, color	orange RAL 2003
Single wire, color	black, black, black, black, green/yellow Power wires: black U/ L1, black V/ L2, black W/ L3, black N/ 4, green/yellow brown, violet, black, green Signal wires blue, yellow, white, orange Data wires
Nominal voltage, cable	1000 V
Test voltage	4 kV
Rated current	61 A (Power, according to DIN VDE 0298-4 tab. 11/5) 18 A (Signal, according to DIN VDE 0298-4 tab. 11/5) 3.6 A (Data, according to DIN VDE 0298-4 tab. 11/5)
Smallest bending radius, fixed installation	107 mm
Smallest bending radius, movable installation	160.5 mm
Max. bending cycles	5000000
Traversing path	5 m
Acceleration	30 m/s ²
Ambient temperature (operation) for fixed installation	-40 °C ... 80 °C
Ambient temperature (operation) for flexible installation	-20 °C ... 60 °C
UL AWM style	20234 / 10492 (80°C/1000 V)
Special properties	Flexible cable conduit capable
Flame resistance	IEC 60332-1-2
Halogen-free	yes
Resistance to oil	EN 60811-2-1

Cable/line

Cable length	1 m
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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1627298>



EAC

Approval ID: 19060508

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Classifications

ECLASS

ECLASS-13.0	27060106
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ETIM

ETIM 9.0	EC003250
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UNSPSC

UNSPSC 21.0	26121600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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