

# KC-88014311/100,00 - Hybrid cable



1623039

<https://www.phoenixcontact.com/us/products/1623039>

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Hybrid cable, CAT5, 100 Mbps, cable length: 100 m, shielded: yes, color of outer sheath: orange  
RAL 2003



## Commercial data

Item number	1623039
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB36
Product key	ABRGCA
GTIN	4055626078885
Weight per piece (including packing)	56,793.47 g
Weight per piece (excluding packing)	37,000 g
Customs tariff number	85444995
Country of origin	DE

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## Technical data

### Notes

Notes on operation	Observe derating curve.
Order information:	Recommended hybrid cable: (5 x 2.5 mm <sup>2</sup> + 2 x (2 x 0.5 mm <sup>2</sup> ) + (4 x 0.34 mm <sup>2</sup> ) C) C Lynxeo, order number 10572415

### Product properties

Product type	Cable by the meter
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### Cable/line

Cable length	100 m
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### Cable specifications

Cable type	HDSL11Y-J
Transmission speed	CAT5
Transmission speed	100 Mbps (Data interface)
Shielded	yes
Cable structure	(5x 2.5 + 2x (2x 0.5) + (4x 0.34)C) C
External cable diameter	15.50 mm ±0.5 mm
Outer sheath, material	PUR
Material wire insulation	PP
External sheath, color	orange RAL 2003
Single wire, color	black 1, black 2, black 3, black 4, green/yellow Power wires + PE brown, violet, black 5, green Signal wires blue, yellow, white, orange Data wires
Nominal voltage, cable	1000 V (300 V signal)
Test voltage	4 kV (1.5 kV signal)
Rated current	26 A (Power, in accordance with DIN VDE 0298-4 Tab. 11/5) 8 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	78 mm
Smallest bending radius, movable installation	116 mm
Max. bending cycles	5000000
Traversing path	5 m
Acceleration	30 m/s <sup>2</sup>
Ambient temperature (operation) for fixed installation	-40 °C ... 80 °C (fixed installation)
Ambient temperature (operation) for flexible installation	-20 °C ... 80 °C (flexible installation)
UL AWM style	20234 / 10492 (80°C/1000 V)
Special properties	Flexible cable conduit capable
Flame resistance	IEC 60332-1-2
Halogen-free	in accordance with EN 50267-2-1
Resistance to oil	EN 60811-2-1

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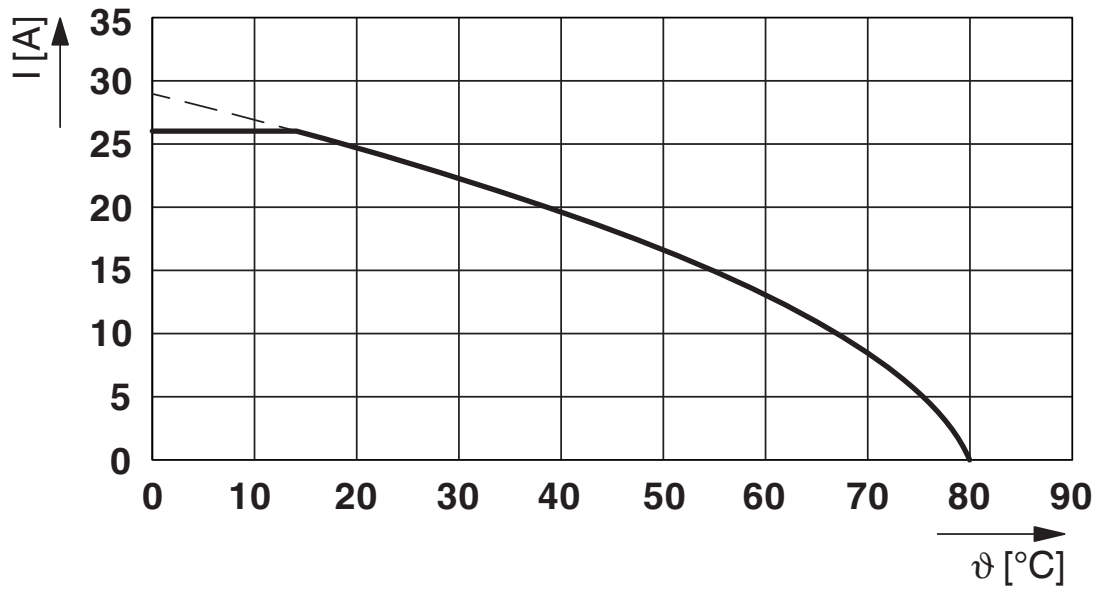


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## Drawings

Diagram



3 x 26 A + 4 x 2 A + 4 x 1 A

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1623039>



**EAC**

Approval ID: 19060508

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## Classifications

### ECLASS

ECLASS-13.0	27060106
ECLASS-15.0	27060106

### ETIM

ETIM 10.0	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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