

## Hybrid cable - KC-88014311/100,00 - 1623039

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Hybrid cable, Length: 100 m, Color of outer sheath: orange RAL 2003



### Key Commercial Data

Packing unit	1 STK
Custom tariff number	85444995
Country of origin	Germany

### Technical data

#### Cable specifications

Type of cable	HDLSL11Y
Signal type	CAT5
Transmission speed	100 Mbps (Data interface)
Shielded	yes
Cable structure	(5x 2.5 + 4x 0.34/C + 4x 0.5) C
Cable structure (AWG)	(14 AWG/ 5 + 22 AWG/ 4c + 20 AWG) C
External cable diameter	14.6 mm ±0.4 mm
Outer sheath, material	PUR
Material wire insulation	TPM (TPM/TPM/polyolefin)
External sheath, color	orange RAL 2003
Single wire, color	Black 1, black 2, black 3, black 4, 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 (300 V signal)

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### Cable specifications

Test voltage	4 kV (1.5 kV signal)
Rated current	26 A (Power, according to 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	73 mm
Smallest bending radius, movable installation	148 mm
Number of bending cycles	1000000
Traversing path	6 m
Acceleration	2.5 m/s <sup>2</sup>
Ambient temperature for fixed installation	-40 °C ... 80 °C
Ambient temperature for flexible installation	-30 °C ... 60 °C
Special properties	Flexible cable conduit capable
Flame resistance	IEC 60332-1-2
Halogen-free	According to EN 50267-2-1
Resistance to oil	EN 60811-2-1

## Drawings

Cable cross section



## Classifications

### eCl@ss

eCl@ss 8.0	27062011
eCl@ss 9.0	27062011

### ETIM

ETIM 5.0	EC001578
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## Approvals

### Approvals

## Hybrid cable - KC-88014311/100,00 - 1623039

### Approvals

Approvals

EAC

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Ex Approvals

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### Approval details

EAC B.00767

### Accessories

Accessories

Conductor marking

Insert label - PABA WH/23 - 1013779



Insert label, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Thread on, Cable diameter: 1.5-35 mm, Lettering field: 23 x 4 mm

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Insert label - PABA YE/23 - 1013782



Insert label, Strip, yellow, unlabeled, can be labeled with: Plotter, Mounting type: Thread on, Cable diameter: 1.5-35 mm, Lettering field: 23 x 4 mm

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Marker carrier cable

Conductor marker carrier - PATG 6/23 - 0808037



Conductor marker carrier, transparent, unlabeled, Mounting type: slide on, Cable diameter: 14-22 mm, Lettering field: 4 x 23 mm

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