

SSINK209 PUR

According to BOSCH®

AWM Style 20233 (80°C / 300V)



General Construction



Conductor:

4x(2xAWG24)

stranded bare copper wire (Class 6); nom. 0,25mm² - AWG24; nominal diameter 0,62mm; VDE 0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 5

2xAWG18

stranded bare copper wire (Class 6); nom. 1mm² -AWG18; nominal diameter 1,35mm; VDE 0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58



Insulation:

4x(2xAWG24) polyolefin compound; nominal diameter 1,15mm

2xAWG18 polyolefin compound; nominal diameter 2mm



Color Cores:

4x(2xAWG24) (brown-green – grey-pink – blue-violet – red-black)

2xAWG18 (white – brown)

Assembly:

4x(2xAWG24) eight cores twisted in four pairs with appropriate lay

4x(2xAWG24) + 2xAWG18 stranded together around a fibrous filler



Shield:

Braid type; Un copper wire; nominal opUcal coverage 85%

DW: Un copper; 0,25mm² / 24AWG; under braid screen



Protective Tape:

First: tape over total assembly

Second: tape over total screen








Sheath:

Outer sheath: PUR (ether base), 90 ShA; diameter 8,7






±0,2mm

Colour: orange similar RAL 2003; conform to UL Style 20233



Technical data

	Nominal Voltage: 300Vrms
	Test Voltage: 1500V (C/C) - 1200 Vac (C/S)
	Temperature: -40°C to +80°C (Fixed) - 25°C to +80°C (Flexible)
	Electric Resistance: (AWG18): 19,8 Ω/Km (IEC 60344) (AWG24): 85,8 Ω/Km (IEC 60344)
	Oil Resistance: According to UL758
	Flame Resistance: UL Cable Flame Test; CSA FT1; IEC 60332-1-2

Movement Data

	Bending cycles: 5 Mio (10 Mio bends)
	Bending radius: 4,5 x D (Flexible) - 10 x D (Fixed)
	Speed: (horizontal): 300 m/min
	Acceleration: 10 m/sec ²
	Torsion: +-180°/1m (optimal recommended ±30 °/m)

Approval

	Halogen-free: CEI EN 60754-1 / VDE 0482-754-1
	UV Resistance according to UL 1581 - Silicone, Pb, FCKW free

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Name	Cable type	Ø mm	Tolerance
SSINK209	4 x (2 x 0,25) + 2 x 1	8,7	±0,20 mm

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