







SSINK448 PUR

According to BOSCH®






AWM Style 20233 (80°C / 300V)








General Construction

-  **Conductor:** **4x(2xAWG24)**
sstranded 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 58
- 2xAWG21**
stranded bare copper wire (Class 6); nom. 0,50mm² - AWG21; nominal diameter 0,93mm; VDE 0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58
-  **Insulation:** **4x(2xAWG24)** PP compound; nominal diameter 1,15mm
2xAWG21 PP compound; nominal diameter 1,55mm
-  **Color Cores:** **4x(2xAWG24)** (black-red – brown-green – pink-grey – blue-violet)
2xAWG21 (white – brown)
- Assembly:** **4x(2xAWG24) + 2xAWG21** 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: nonwovens tape (TNT) over total assembly
Second: nonwovens tape (TNT) over total screen
-  **Sheath:** Outer sheath: PUR (ether base), 90 ShA; diameter 8,50 ±0,25mm
Colour: orange; conform to UL Style 20233



Technical data

	Nominal Voltage: 300Vrms
	Test Voltage: 1500 V x 1 min. (C/C) - 1200 V x 1 min. (C/S)
	Temperature: -40°C to +80°C (Fixed) - 25°C to +80°C (Flexible)
	Electric Resistance: (AWG21): 39,9 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: 5 x D (Fixed) - 7,5 x D (Flexible)
	Speed: (horizontal): 300 m/min
	Acceleration: 10 m/sec ²
	Torsion: +-180°/m (optimal recommended ±30 °/m)
	Installation pulling force: 100 N

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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Customer responsibility to verify suitability of the product for the intended purpose remains. Processing and application of the goods are outside of our control possibilities. Right to technical changes is reserved.

Name	Cable type	Ø mm	Tolerance
SSINK448	4 x (2 x 0,25) + 2 x 0,25	8,5	±0,25 mm

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