



SS6X(2X0,25)+2X0,34+2X0,50 PUR

According to NIDEC®

AWM Style 20233 (80°C / 300V)



General Construction



Conductor:

6x2xAWG24

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 58

2xAWG22

Conductor: stranded bare copper wire (Class 6); nom. 0,34mm² - AWG22; nominal diameter 0,8mm; 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. 0,5mm² - AWG21; nominal diameter 1mm; VDE 0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58



Insulation:

6x2xAWG24 polyolefin compound; nominal diameter 1,1mm

2xAWG22 polyolefin compound; nominal diameter 1,25mm

2xAWG21 polyolefin compound; nominal diameter 1,5mm



Color case:

6x2xAWG24 yellow-green – grey-pink – red-blue – violet-black – grey/pink-red/blue – white/green-brown/green

2xAWG22 white – brown

2xAWG21 red – blue



Assembly:

6x2xAWG24 + 2xAWG22 stranded together around

2xAWG21; lay according to UL 758



Shield:

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

Protective Tape:

Tape under and over screen



Sheath:

Outer sheath: PUR (ether base), 90 ShA; diameter 10,1

±0,3mm; conform to UL Style 20233

Colour: green

Technical data



Nominal Voltage: 300Vrms



Test Voltage: 1000 Vac (C/C)



Temperature: -40°C to +80°C (Fixed) - 25°C to +80°C (Flexible)

Conductor Resistance: (AWG24): 85,8 Ω/Km (IEC 60344)

(AWG22): 65,3 Ω/Km (IEC 60344)

(AWG21): 42,1 Ω/Km (IEC 60344)



Oil Resistance: According to UL758



Flame Resistance: UL Cable flame test; CSA FT1; IEC 60332-1

Movement Data



Bending cycles: 10 Mio (20 Mio bends)



Bending radius: 5 x D (Fixed) - 10 x D (Flexible)



Speed: 240m/min



Acceleration: 10 m/sec²

Approval



Halogen-free: CEI EN 60754-1 / VDE 0482-754-1



UV-resistant - Silicone, Pb, Cd, Hg, FCKW free

Hydraulic fluid, coolant emulsifier, alkali: resistant to a large extent



Name	Cable type	Ø mm	Tolerance
SS6X(2X0,25)+2X0,34+2X0,50	6 x (2 x 0,25) + 2 x 0,34 + 2 x 0,5	10,1	±0,30 mm

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