



Reference: 13-EBW05X01R-N2

Country Ref.: 13-EBW05X01R-N2

CONTACT

Market information
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Power single core oil resistant shielded cables, UL/CSA approved, for dynamic laying

STANDARDS

Product UL and CSA approval

Power single core oil-resistant shielded cables, UL-CSA approved, for dynamic laying

Normative Reference

UL recognised / CSA Approval

AWM 80°C - 1000V
 AWM 80°C - 1000V FT1

Flame Retardant:

IEC 60332-1-2

FT1

UL 1581

EN 50265-2-1

Oil Resistance:

IEC 50363-4-1



Operating temp.
 -25 ... 80 °C



Storage temperature, range
 -30 ... 80 °C



Flame retardant
 IEC/EN 60332-1-2; FT1; UL 1581 FT1



Oil resistance
 EN 50363-4-1

CHARACTERISTICS**Construction characteristics**

Construction type	1x16
Conductor material	Bare copper
Insulation	PVC
Shielding	80% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Black

Dimensional characteristics

Conductor cross-section	16 mm ²
Nominal outer diameter	12.1 mm
Approximate weight	302 kg/km
Copper content	182 kg/km

Electrical characteristics

Rated Voltage U ₀ /U	1000 V
Test voltage	4000 V

Mechanical characteristics

Maximum acceleration	10 m/s ²
Speed	180 m/min
Minimum bending cycles	5 Mio.

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-25 ... 80 °C
Storage temperature, range	-30 ... 80 °C
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1
Oil resistance	EN 50363-4-1

SELLING AND DELIVERY INFORMATION

Available also in Yellow/green