



Reference: 10553171
Country Ref.: 13-ELW02X01R-N2
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CONTACT

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

STANDARDS

Product UL and CSA approval

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

Type Approval Certificates

UL and CSA approval
 AWM 80°C - 1000V
 AWM 80°C - 1000V FT1

Oil resistance:

IEC 50363-4-1

Flame retardant:

IEC 60332-1-2

FT1

UL 1581

EN 50265-2-1

Fire resistance:

IEC 60332.3.24 cat. C

CEI 20-22/II



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	1x35
Conductor material	Stranded bare copper
Insulation	PVC
Outer sheath	PVC
Sheath colour	Black

Dimensional characteristics

Nominal outer diameter	14.1 mm
Approximate weight	466 kg/km
Conductor cross-section	35 mm ²
Copper content	340 kg/km

Electrical characteristics

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

Mechanical characteristics

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

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
Refrigerant oil resistance	CNOMO E.03.40.150N; NFT 46-013