



**Reference:** 13-ELWA5X01R-N2

**Country Ref.:** 13-ELWA5X01R-N2

## 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	1x150
Conductor material	Stranded bare copper
Insulation	PVC
Outer sheath	PVC
Sheath colour	Black

**Dimensional characteristics**

Nominal outer diameter	27.4 mm
Approximate weight	1670 kg/km
Conductor cross-section	150 mm <sup>2</sup>
Copper content	1460 kg/km

**Electrical characteristics**

Rated Voltage U <sub>0</sub> /U	1000 V
Test voltage	4000 V

**Mechanical characteristics**

Maximum acceleration	10 m/s <sup>2</sup>
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