



Reference: 10553183
Country Ref.: 13-ELW09X01R-N2
EAN 13: 8054803121280

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 | 1x6.0 |
| Conductor material | Stranded bare copper |
| Insulation | PVC |
| Outer sheath | PVC |
| Sheath colour | Black |

Dimensional characteristics

| | |
|-------------------------|-------------------|
| Nominal outer diameter | 7.5 mm |
| Approximate weight | 110 kg/km |
| Conductor cross-section | 6 mm ² |
| Copper content | 58 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 |