



Reference: 13-EBW03X01R-N2

Country Ref.: 13-EBW03X01R-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 | 1x25 |
| Conductor material | Bare copper |
| Insulation | PVC |
| Shielding | 80% tinned copper braid coverage |
| Outer sheath | PVC |
| Sheath colour | Black |

Dimensional characteristics

| | |
|-------------------------|--------------------|
| Conductor cross-section | 25 mm ² |
| Nominal outer diameter | 13.4 mm |
| Approximate weight | 407 kg/km |
| Copper content | 268 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