



Reference: 10553125
Country Ref.: 13-EBW13G04R-C1
EAN 13: 8054803122447

CONTACT

Market information
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Power supply multiconductor cables for dynamic applications with PVC jacket, shielded, resistant to oils, flame retardant, MTW.

STANDARDS

Product UL and CSA approval

NORMATIVE REFERENCE

UL and CSA approval
 AWM 80°C - 600V/1000V
 AWM 80°C - 600V/1000V FT1
 MTW 90°C - 600V

Oil resistance:

IEC 50363-4-1

Refrigerant oil resistance:

CNOMO E.03.40.150

NFT 46-013

Flame retardant:

IEC 60332-1-2

FT1

UL1581

EN 50265-2-1

Availability with orange jacket type on request



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 | (4G2,5)C |
| Conductor material | Stranded bare copper |
| Insulation | PVC |
| Taping | Soft tape |
| Insulation colour | Black w. number + yellow/green |
| Lay Up | Power cores stranded with filler |
| Shielding | 80% tinned copper braid coverage |
| Outer sheath | PVC |
| Sheath colour | Grey RAL 7001 |

Dimensional characteristics

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|------------------------|-----------|
| Nominal outer diameter | 11.8 mm |
| Copper content | 153 kg/km |
| Approximate weight | 258 kg/km |

Electrical characteristics

| | |
|---------------------------------|----------|
| Rated Voltage U ₀ /U | 0.6/1 kV |
| 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 |