



Reference: 13-ETC03Z06R-11

Country Ref.: 13-ETC03Z06R-11

CONTACT

Market information
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Servo Tray cables with control pair, UL Listed for dynamic application, Special PVC compound jacket, shielded, resistant to oils, flame retardant, suitable for direct burial

STANDARDS

Product UL and CSA listing

Approvals

- UL MTW
- UL TC-ER 90°C 600V
- UL WTTTC 90°C 1000V
- UL DP-1
- UL AWM 600V
- C(UL) CIC/TC (where required)

Oil resistance

Oil resistant I

Flame retardant

UL 1581 section 1160 and CSA FT4

Nominal Voltage

- UL AWM 600V
- UL TC-ER / MTW 600V
- UL WTTTC 1000V

CHARACTERISTICS

Construction characteristics

| | |
|--------------------|---|
| Construction type | (4G25 + (2x1,0)C) |
| Conductor material | Soft annealed copper |
| Insulation | PVC compound |
| Individual sheath | Nylon jacketing compound |
| Insulation colour | Power: Black num 1-3 + Green/Yellow; Signal: Black-White |
| Lay Up | Power conductors and signal pair twisted together. Fillers where required |



Operating temp.
 -5 ... 80 °C



Storage temperature, range
 -40 ... 80 °C



Oil resistance
 Oil resistance I



Flame retardant
 UL 1581 SEC. 1160 AND CSA FT4

| Construction characteristics | |
|--|--|
| Taping | Non woven tape |
| Individual screen | Signal shield: Tinned copper braid, coverage >=80% |
| Shielding | 80% tinned copper braid coverage |
| Outer sheath | Special PVC compound |
| Sheath colour | Orange RAL 2003 |
| Dimensional characteristics | |
| Nominal outer diameter | 29.4 mm |
| Copper content | 1161 kg/km |
| Approximate weight | 1485 kg/km |
| Electrical characteristics | |
| Rated Voltage U ₀ /U | 0.6/1 kV |
| Test voltage | 2000 V |
| Mechanical characteristics | |
| Maximum acceleration | 5 m/s ² |
| Bending cycles | 3 Mio. |
| Speed | 180 m/min |
| Usage characteristics | |
| Field of application | Dynamic |
| Minimum dynamic operating bending radius | 10 (xD) |
| Operating temperature, range | -5 ... 80 °C |
| Storage temperature, range | -40 ... 80 °C |
| Oil resistance | Oil resistance I |
| Flame retardant | UL 1581 SEC. 1160 AND CSA FT4 |



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-5 ... 80 °C



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Oil resistance
Oil resistance I



Flame retardant
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