

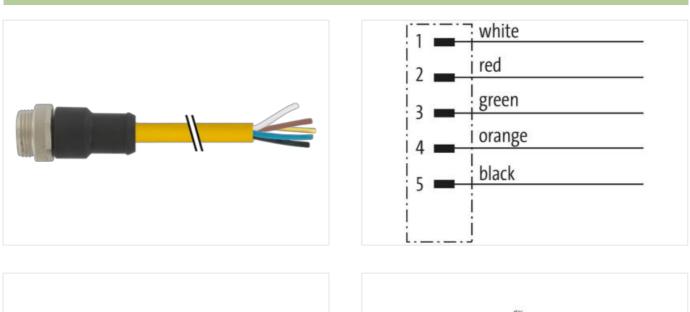
Mini (7/8) 5 pole, Male (Ext.) 0° w/ Cable

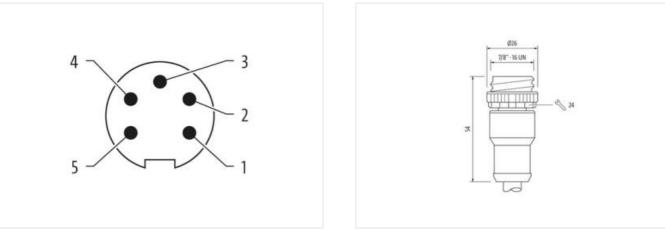
TPE 5x16AWG ye UL/CSA, TC-ER

Male straight 7/8" (5-pole) Power cable USA without cable sleeves Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration





Product may differ from Image



Cable length

5 m

Side 1

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| Tightening torque | 1,5 Nm |
|---|--|
| Mounting method | inserted, screwed |
| Family construction form | 7/8" |
| Thread | 7/8" |
| suitable for corrugated tube (internal Ø) | 17,8 mm |
| No. of poles | 5 |
| Width across flats | SW24 |
| Commercial data | |
| ECLASS-6.0 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-8.0 | 27279218 |
| ECLASS-9.0 | 27060311 |
| ECLASS-10.1 | 27060311 |
| ECLASS-11.1 | 27060311 |
| ECLASS-12.0 | 27060327 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4048879644679 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 600 V |
| Operating voltage DC max. | 600 V |
| Current operating per contact max. | 9 A |
| Diagnostics | |
| Status indication LED | |
| | no |
| Device protection Electrical | |
| | |
| Degree of protection (EN IEC 60529) | IP68 |
| Additional condition protection degree | inserted, screwed |
| Additional condition protection degree Pollution Degree | inserted, screwed 3 |
| Additional condition protection degree Pollution Degree Rated surge voltage | inserted, screwed |
| Additional condition protection degree Pollution Degree | inserted, screwed 3 |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking | inserted, screwed 3 2,5 kV Nickeled |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data | inserted, screwed 3 2,5 kV Nickeled PUR |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking | inserted, screwed 3 2,5 kV Nickeled |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing | inserted, screwed 3 2,5 kV Nickeled PUR |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material | inserted, screwed 3 2,5 kV Nickeled PUR |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting inserted, screwed, Shaking protection |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting inserted, screwed, Shaking protection -25 °C |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting inserted, screwed, Shaking protection -25 °C 80 °C |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting inserted, screwed, Shaking protection -25 °C 80 °C |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting inserted, screwed, Shaking protection -25 °C 80 °C depending on cable quality U1D |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting inserted, screwed, Shaking protection -25 °C 80 °C depending on cable quality |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting inserted, screwed, Shaking protection -25 °C 80 °C depending on cable quality U1D yellow |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting inserted, screwed, Shaking protection -25 °C 80 °C depending on cable quality U1D yellow cURus |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting inserted, screwed, Shaking protection -25 °C 80 °C depending on cable quality U1D yellow cURus 1 |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting inserted, screwed, Shaking protection -25 °C 80 °C depending on cable quality U1D yellow cURus 1 5 wires around 1 Filler twisted |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting -25 °C 80 °C depending on cable quality U1D yellow cURus 1 5 wires around 1 Filler twisted Foil |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Banding Filler | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting inserted, screwed, Shaking protection -25 °C 80 °C depending on cable quality U1D yellow cURus 1 5 wires around 1 Filler twisted Foil yeS |
| Additional condition protection degree Pollution Degree Rated surge voltage Mechanical data Material data Coating locking Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement | inserted, screwed 3 2,5 kV Nickeled PUR Zinc die-casting inserted, screwed, Shaking protection -25 °C 80 °C depending on cable quality U1D yellow cURus 1 5 wires around 1 Filler twisted Foil yes black, orange, green, red, white |

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| Freedom from ingredients (jacket) | lead-free, CFC-free, halogen-free |
|---|--|
| Outer-diameter (jacket) | 9,78 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material wire insulation | PVC |
| Amount wires | 5 |
| Outer diameter insulation | 2,62 mm |
| Outer diameter tolerance core insulation | ±5% |
| Ingredient freeness wire insulation | lead-free, CFC-free |
| Amount strands (wire) | 65 |
| Diameter of single wires | 34 AWG |
| Conductor crosssection (wire) | 16 AWG |
| Material conductor wire | Stranded copper wire, bare |
| Nominal voltage AC max. | 600 V |
| Current load capacity (standard) | according to NFPA-70 (NEC) : 400.5(A) (1-3) |
| Current load capacity min. wire | 8 A |
| Electrical resistance line constant wire | 13,2 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 6 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 6 kV @ 60 s |
| Min. operating temperature (static) | -50 °C |
| Max. operating temperature (fixed) | 105 °C |
| Operating temperature min. (dynamic) | -20 °C |
| Operating temperature max. (dynamic) | 0° 00 |
| Flame resistance | UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Bending radius (fixed) | 8 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |
| Travel speed (C-track) | 2 Mio. |

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