



Part Number: 28110U

600V Tray, (3) 12 AWG (7x20) BC, XLP/HaloarrestXLink-1, TC-ER

Product Description

Three 12 AWG stranded (7x20) bare copper conductors, cross-linked polyolefin insulation, HaloarrestXLink-1 jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

| Element | AWG | Stranding | Material | No. of Conductors |
|------------------------------------|-----|-----------|------------------|-------------------|
| | 12 | 7x20 | BC - Bare Copper | 3 |
| No Ground | | | | |
| Total Number of Conductors: | | | | 3 |

Insulation:

| Material |
|---------------------------------|
| XLPE- Cross Linked Polyethylene |

Color Chart 1:

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |
| 3 | Blue |

Stranding:

| Lay Length |
|------------|
| N mm |

Outershield 1:

| Material |
|------------|
| Unshielded |

Outerjacket 1:

| Material | Nominal Diameter | Nominal Wall Thickness |
|-------------------|------------------|------------------------|
| HaloarrestXLink-1 | 0.42 in | 0.047 in |

Electrical Characteristics

Conductor DCR:

| Nominal Conductor DCR |
|-----------------------|
| 1.65 Ohm/1000ft |

Current:

| Max. Recommended Current [A] |
|------------------------------|
| 30 Amps per conductor @ 30°C |

Voltage:

| UL Voltage Rating |
|-------------------------|
| 600 V RMS (NEC Type TC) |

Use

| | |
|------------------------------------|-------------------|
| Suitability - Oil Resistance: | Yes - Oil Res I |
| Suitability - Sunlight Resistance: | Yes - Black only. |
| Max Recommended Pulling Tension: | 154 lbs |

Safety

| | |
|---------------------|---------------------------------|
| C(UL) Flammability: | FT4 |
| IEEE Flammability: | 1202 |
| Other Flammability: | VW1 Singles |
| UL Flammability: | UL1685 Vertical Tray Flame Test |

Temperature Range

| | |
|-----------------|----------------|
| Dry Temp Range: | -30°C To +90°C |
|-----------------|----------------|

| | |
|-----------------|----------------|
| Wet Temp Range: | -30°C To +90°C |
|-----------------|----------------|

Mechanical Characteristics

| | |
|-----------------------------|--------|
| Min Bend Radius/Minor Axis: | 4.2 in |
|-----------------------------|--------|

Part Number

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Standards

| | |
|-----------------------------------|----------------------------------|
| CA Prop 65 (CJ for Wire & Cable): | CA Prop 65 (CJ for Wire & Cable) |
| MII Order #39 (China RoHS): | MII Order #39 (China RoHS) |
| NEC/(UL) Specification: | NEC/(UL) Specification |
| Other Specification: | Other Specification |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | EU CE Mark |

History

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