Technical data sheet

Flexible Control and Tray CableTRAY-ER PVC · Unshielded

LUTZE SILFLEX® N Control Cable (C) PVC For Stationary Applications











Identification

Type SI TRAY-ER PVC 4×AWG10

Part No. A3221004

Product version

Datasheet version 00

Use/Application/Properties

Application Multi-wire control cables with TC-ER "Exposed Run" approval

Machine tools, machine and plant construction, VAC technology as well

as other uses.

· Compliant with NFPA 79 requirements

• TC-ER-JP for use with cable trays without conduit, which can reduce

installation costs in industrial environments

• WTTC – wind turbine tray cable rating for use in wind power generation

· Dry, damp or wet locations

Crush impact resistant

Gas/vapor-tight sheath per UL 1277

· Non-wicking fillers

· Ecolab certified resistance to common cleaning agents and chemicals

used in food and beverage washdown procedures

Sunlight resistant

Flame-retardant

Oil resistance

Direct burial (AWG 18 and larger)

· Talc free and silicone free

Construction

Properties

SILFLEX® TRAY-ER PVC Description

Number of conductors/cross-section 4×AWG10

Number of conductors 4 Cross-section, metric 6 mm² AWG 10 Cross-section AWG

United Kingdom: LÜTZE Ltd.

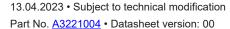
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Jacket material PVC

Jacket color black similar to RAL 9005

 Outer Ø
 14.6 mm

 Outer Ø
 0.573 inch

 Weight
 35.9 kg/100 m

 Weight
 239 Lbs/Mft

 Cu-Index
 19.3 kg/100 m

 Cu-Index
 130 Lbs/Mft

Construction Element 1

Element construction AWG10/4C Conductor construction AWG 10 (105/30)

Conductor AWG conductor

CU-wire bare

Conductor category fine wire

Class K

Conductor marking black • with white number print • green/yellow

Conductor insulation PVC/Nylon

Overall construction

Jacket characteristics Oil resistant

UV resistant (normal lighting conditions)

Silicone-free

Technical data

Rated voltage U_N 600 V TC-ER

1000 V WTTC

Temperature range fixed +90 °C ... +105 °C

Minimum bending radius fixed 4×D

Technical Data Element 1

Element construction AWG10/4C

Certifications/Standards

Certifications TC-ER

cURus cULus

UL Type MTW or DP-1

WTTC

Meets NEC 336,392 Class I and II, Div. 2 Class 1 Div. 2 per NEC

501, 502, 505 cUL TC

CIC FT4 UL 1277

UL style AWM 20886



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Flexible Control and Tray CableTRAY-ER PVC · Unshielded

Conformity CE

RoHS

REACH TSCA

Oil resistant according to Oil Res II

General

Note CE These products are in conformity with the EU Low Voltage Directive 2014/

35/EU

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