

Technical data sheet · LÜTZE SILFLEX® Tray-ER PVC with UL/TC-ER/WTTC/MTW/CE Approvals

Flexible Tray Cable · Unshielded



Identification	Type	AWG12/07C
	Part-No.	A3221207

Use/Application/Characteristics

Application	<ul style="list-style-type: none"> • Multi-conductor cable for tray applications, with exposed run (open wiring) approval • Compliant with NFPA 79 for machine tool wiring • TC-ER for use with cable trays without conduit, which can reduce material and labor costs • Machine tools, machine and plant construction, HVAC technology, assembly and production lines, and other industrial applications • WTTC – wind turbine tray cable rating for use in wind power generation • Dry, damp and wet conditions
Characteristics	<ul style="list-style-type: none"> • Flexible design with Nylon for crush impact resistance per UL 1277 and easy installation • Specially formulated jacket for oil resistance • Non-wicking fillers • Sunlight resistant • Direct burial • UL Type TC-Exposed Run • Talc free • Silicone free

Construction

Description	SILFLEX TRAY-ER PVC
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11.03.2017 – Subject to technical modification

Part-No. A3221207

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SYSTEMATIC TECHNOLOGY

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Number of conductors/cross-section 7×AWG12
Jacket material PVC
Jacket color black RAL 9005

Element 1

Element construction AWG12/7C
Conductor construction AWG 12 (65/30)
Conductor AWG conductor
CU-wire bare
Conductor category feindrähtig
Conductor marking black
with white number print
green/yellow
Conductor insulation PVC/Nylon
THHN – THWN

overall construction

Jacket characteristics Oil resistant
Silicone-free

Technical data

Rated voltage 600 V TC-ER
1000 V WTTC
Temperature range fixed -40 °C ... +90 °C
Minimum bending radius fixed 4×D

Element 1

Element construction AWG12/7C

Approvals/Standards

Approvals TC-ER
cURus
cULus
UL Type MTW or DP-1
WTTC
Class 1 Div. 2 per NEC
Art. 336, 392, 501
cUL TC
CIC FT4
UL 1277
Conformity CE
REACH
RoHS

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Oil resistant according to

Oil Res II

General

Note

CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU

Symbols



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