

Technical data sheet · LÜTZE SILFLEX® N PVC CONTROL TRAY CABLE

With approvals for North America according to NEC, NFPA 79 and UL 508A



PVC control cables · unshielded

Identification	Type	SI N TRAY-ER 3×AWG6 GR
	Part-No.	A3080603

Use/Application/Characteristics

Application	<ul style="list-style-type: none"> • Multi-conductor control cables with TC-ER „Exposed Run“ approval • Machine and device construction, transport and conveyor technology, HVAC technology • Compliant with NFPA 79 standards • „TC-ER“ for use on machines and in open cable ducts • „WTTC“ Wind Turbine Tray Cable for use in wind turbines • „MTW“ Machine Tool Wire • „PLTC-ER“ Power Limited Tray Cable – Exposed Run • „ITC-ER“ Instrumentation Tray Cable – Exposed Run • In dry, moist and wet rooms
Characteristics	<ul style="list-style-type: none"> • Flexible wires with nylon for better resistance to pressure and impacts as per UL 1277 • Easy stripping and fast installation • Very flexible flexibility for complex installation distances and small bending radii • Improved oil resistance due to specifically developed PVC jacket • Sunlight-resistant • „Direct burial“ for installation in the ground • Silicone free • RoHS compliant

Technical data

21.12.2016 – Subject to technical modification

Part-No. A3080603

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SYSTEMATIC TECHNOLOGY

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Rated voltage	600 V TC-ER/MTW 1000 V WTTC
Temperature range fixed	-40 °C ... +90 °C
Minimum bending radius fixed	4×D
Approvals	cURus TC-ER WTTC cULus UL Type MTW or DP-1 Class 1 Div. 2 per NEC Art. 336, 392, 501 CIC FT4 cUL TC UL 1277
UL style	AWM 20886
Conformity	CE REACH RoHS
Oil resistant according to	Oil Res II

Construction

Description	SILFLEX CONTROL CABLE PVC
Number of conductors/cross-section	3×AWG6
Conductor insulation	PVC/Nylon THHN – THWN
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	18.9 mm
Outer Ø	0.744 inches
Weight	63.5 kg/100 m
Weight	427 Lbs/Mft
Cu-Index	37.8 kg/100 m
Cu-Index	254 Lbs/Mft

Element 1

Conductor	AWG conductor CU-wire bare
Conductor category	feindrähtig
Conductor marking	black with white number print green/yellow

overall construction

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Jacket characteristics

Oil resistant
Silicone-free

General

Note

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

Symbols



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