

Technical data sheet



Identification	Type	LIY(C)Y (10×AWG16) PLTC
	Part-No.	A3131610
Construction		
Description	ELECTRONIC (C) PLTC PVC	
Number of conductors/cross-section	10×AWG16	
Jacket material	PVC	
Jacket color	grey RAL 7001	
Outer Ø	12.4 mm	
Outer Ø	0.49 inches	
Weight	175 Lbs/Mft	
Cu-Index	105 Lbs/Mft	
Element 1		
Element construction	AWG16/10C	
Conductor construction	AWG 16 (26/30)	
Conductor	AWG conductor CU-wire tin-plated	
Conductor category	fine wire	

25.09.2018 – Subject to technical modification

Part-No. A3131610

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223

www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park

Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU

Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

Technical data sheet

Conductor marking	black red white green orange blue brown yellow violet grey
Conductor insulation	SR-PVC
overall construction	
Drain wire	CU-wire tin-plated
Overall shield	Aluminium laminate Foil shield Braid shield Tinned copper wires
Jacket characteristics	Flame-retardant Oil resistant Silicone-free

Technical data

Rated voltage UL	300 V
Temperature range fixed	-40 °C ... +105 °C
Minimum bending radius fixed	4×D

Element 1

Element construction	AWG16/10C
----------------------	-----------

Approvals/Standards

Approvals	cULus PLTC UL Type CM cURus AWM II A/B NEC 725, 760, 800 Class 1 Div. 2 per NEC Art. 336, 392, 501, 502 (PLTC use only)
UL style	AWM 2464
Conformity	CE RoHS REACH

25.09.2018 – Subject to technical modification

Part-No. A3131610

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

Technical data sheet ·

Burning behavior according to	UL VW-1 UL FT4
Oil resistant according to	Oil Res II

General

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

25.09.2018 – Subject to technical modification

Part-No. A3131610

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223

www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park

Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU

Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY