SINGLE CORE MOVEPOWER



Power supply single core cables for dynamic applications with PUR jacket, unshielded, resistant to oils, flame retardant

STANDARDS

Product UL and CSA approval

Approval

UR AWM STYLE 10835 80°C 1000 V

Oil Resistance:

VDE 0472-803 Test B

Flame retardant:

IEC 60332-1

FT1

UL 1581

EN 50265-2-1

CONTACT

Market information
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Operating temp.
-30 ... 80 °C

Storage temperature, range
-40 ... 80 °C

Flame retardant
IEC/EN 60332-1-2; FT1; UL 1581 FT1

Oil resistance
VDE 0472 part 803 B

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynxeo is indicative only and shall not be binding on Lynxeo or be treated as constituting a representation on the part of Lynxeo.

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CHARACTERISTICS

Construction characteristics	
Conductor material	Bare copper
Insulation	Polyolefin
Taping	Non woven tape
Outer sheath	PUR
Sheath colour	Black
Electrical characteristics	
Rated Voltage Uo/U	1000 V
Test voltage	3000 V
Mechanical characteristics	
Maximum acceleration	25 m/s²
Minimum bending cycles	5 Mio.
Speed	300 m/min
Usage characteristics	
Field of application	Dynamic
Minimum dynamic operating bending radius	7.5 (xD)
Operating temperature, range	-30 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1
Oil resistance	VDE 0472 part 803 B

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Conductor cross-section [mm²]	Nominal outer diameter [mm]
U1400016809	U1400016809	SINGLE CORE MOVEPOWER 1x4	1x4	4	6.1
U1600016809	U1600016809	SINGLE CORE MOVEPOWER 1x6	1x6	6	6.8
U1B10016809	U1B10016809	SINGLE CORE MOVEPOWER 1x10	1x10	10	8.2
U1B16016809	U1B16016809	SINGLE CORE MOVEPOWER 1x16	1x16	16	9.6
U1B25016809	U1B25016809	SINGLE CORE MOVEPOWER 1x25	1x25	25	11.4
U1B35016809	U1B35016809	SINGLE CORE MOVEPOWER 1x35	1x35	35	12.6
10555911	U1B50016809	SINGLE CORE MOVEPOWER 1x50	1x50	50	15.0
10555906	U1B70016809	SINGLE CORE MOVEPOWER 1x70	1x70	70	16.8
10555902	U1B95016809	SINGLE CORE MOVEPOWER 1x95	1x95	95	18.2

= Make to order, = In stock,

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Reference	Country Ref.	Name	Construction type	Conductor cross-section [mm²]	Nominal outer diameter [mm]
U1B120016809	U1B120016809	SINGLE CORE MOVEPOWER 1x120	1x120	120	21.3
U1B150016809	U1B150016809	SINGLE CORE MOVEPOWER 1x150	1x150	150	22.6
U1B185016809	U1B185016809	SINGLE CORE MOVEPOWER 1x185	1x185	185	26.4
U1B240016809	U1B240016809	SINGLE CORE MOVEPOWER 1x240	1x240	240	28.8

= Make to order, = In stock,

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