

Type LC MOVEPOWER C - 1,5mm² to 35mm²/PUR/shielded

Contact

Market and Product Information
automation.business@nexans.com

Control cables for extremely dynamic application, up to 1000V, PUR jacket, shielded, oil resistant, halogen free, UL and CSA approved

DESCRIPTION

Type LC Movepower C for continuous moving application, high flexible, oil resistant and halogen free.

Applications:

- Tracksystem for tread machines
- work centres
- automatic lines for assembly
- handling
- packaging
- Machines for working and cutting marble steel
- granty robots
- everywhere is necessary to combine the best performance with the small dimensions



STANDARDS

International

UL and CSA approval



Halogen free
Yes



Operating temp.
-30 ... 80 °C



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



Oil resistance
EN 50363-10-2



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

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CHARACTERISTICS

Construction characteristics

Conductor material	Bare copper
Insulation	Polyolefin
Insulation colour	Black numbered Yellow/Green
Taping	Non woven tape
Shielding	85 ± 5% tinned copper braid coverage
Outer sheath	PUR
Sheath colour	Grey RAL 7001
Halogen free	Yes

Electrical characteristics

Rated Voltage U ₀ /U	1000 V
Test voltage	4000 V

Mechanical characteristics

Bending cycles	10 Mio.
Speed	600 m/min
Maximum acceleration	60 m/s ²

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	6.5 (xD)
Operating temperature, range	-30 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1

PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Construction type	Number of cores	Conductor cross-section [mm ²]
☎ Q140002V400	Q140002V400	Type LC MOVEPOWER C 2 x 4 mmq	(2x4)C	2	4
☎ Q140003V400	Q140003V400	Type LC MOVEPOWER C 3 x 4 mmq	(3G4)C	3	4
☎ Q140004V400	Q140004V400	Type LC MOVEPOWER C 4 x 4 mmq	(4G4)C	4	4
☎ Q140005V400	Q140005V400	Type LC MOVEPOWER C 5 x 4 mmq	(5G4)C	5	4
☎ Q140007V400	Q140007V400	Type LC MOVEPOWER C 7 x 4 mmq	(7G4)C	7	4
☎ Q160003V400	Q160003V400	Type LC MOVEPOWER C 3 x 6 mmq	(3G6)C	3	6
☎ Q160004V400	Q160004V400	Type LC MOVEPOWER C 4 x 6 mmq	(4G6)C	4	6

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Nexans Ref.	Country Ref.	Name	Construction type	Number of cores	Conductor cross-section [mm ²]
☎ Q160005V400	Q160005V400	Type LC MOVEPOWER C 5 x 6 mmq	(5G6)C	5	6
☎ Q160007V400	Q160007V400	Type LC MOVEPOWER C 7 x 6 mmq	(7G6)C	7	6
☎ Q1B1003V400	Q1B1003V400	Type LC MOVEPOWER C 3 x 10 mmq	(3G10)C	3	10
☎ Q1B1004V400	Q1B1004V400	Type LC MOVEPOWER C 4 x 10 mmq	(4G10)C	4	10
☎ Q1B1005V400	Q1B1005V400	Type LC MOVEPOWER C 5 x 10 mmq	(5G10)C	5	10
☎ Q1B1007V400	Q1B1007V400	Type LC MOVEPOWER C 7 x 10 mmq	(7G10)C	7	10
☎ Q1B1603V400	Q1B1603V400	Type LC MOVEPOWER C 3 x 16 mmq	(3G16)C	3	16
☎ Q1B1604V400	Q1B1604V400	Type LC MOVEPOWER C 4 x 16 mmq	(4G16)C	4	16
☎ Q1B1605V400	Q1B1605V400	Type LC MOVEPOWER C 5 x 16 mmq	(5G16)C	5	16
☎ Q1B2503V400	Q1B2503V400	Type LC MOVEPOWER C 3 x 25 mmq	(3G25)C	3	25
☎ Q1B2504V400	Q1B2504V400	Type LC MOVEPOWER C 4 x 25 mmq	(4G25)C	4	25
☎ Q1B2505V400	Q1B2505V400	Type LC MOVEPOWER C 5 x 25 mmq	(5G25)C	5	25
☎ Q1B3503V400	Q1B3503V400	Type LC MOVEPOWER C 3 x 35 mmq	(3G35)C	3	35
☎ Q1B3504V400	Q1B3504V400	Type LC MOVEPOWER C 4 x 35 mmq	(4G35)C	4	35
☎ Q115002V400	Q115002V400	Type LC MOVEPOWER C 2 x 1,5 mmq	(2x1,5)C	2	1.5
☎ Q115003V400	Q115003V400	Type LC MOVEPOWER C 3 x 1,5 mmq	(3G1,5)C	3	1.5
☎ Q115004V400	Q115004V400	Type LC MOVEPOWER C 4 x 1,5 mmq	(4G1,5)C	4	1.5
☎ Q115005V400	Q115005V400	Type LC MOVEPOWER C 5 x 1,5 mmq	(5G1,5)C	5	1.5
☎ Q115006V400	Q115006V400	Type LC MOVEPOWER C 6 x 1,5 mmq	(6G1,5)C	6	1.5
☎ Q115007V400	Q115007V400	Type LC MOVEPOWER C 7 x 1,5 mmq	(7G1,5)C	7	1.5
☎ Q115008V400	Q115008V400	Type LC MOVEPOWER C 8 x 1,5 mmq	(8G1,5)C	8	1.5
☎ Q115010V400	Q115010V400	Type LC MOVEPOWER C 10 x 1,5 mmq	(10G1,5)C	10	1.5
☎ Q115012V400	Q115012V400	Type LC MOVEPOWER C 12 x 1,5 mmq	(12G1,5)C	12	1.5

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Nexans Ref.	Country Ref.	Name	Construction type	Number of cores	Conductor cross-section [mm ²]
☎ 10555874	Q125002V400	Type LC MOVEPOWER C 2 x 2,5 mmq	(2x2,5)C	2	2.5
☎ Q125003V400	Q125003V400	Type LC MOVEPOWER C 3 x 2.5 mmq	(3G2,5)C	3	2.5
☎ Q125004V400	Q125004V400	Type LC MOVEPOWER C 4 x 2,5 mmq	(4G2,5)C	4	2.5
☎ Q125005V400	Q125005V400	Type LC MOVEPOWER C 5 x 2,5 mmq	(5G2,5)C	5	2.5
☎ Q125007V400	Q125007V400	Type LC MOVEPOWER C 7 x 2,5 mmq	(7G2,5)C	7	2.5
☎ Q125010V400	Q125010V400	Type LC MOVEPOWER C 10 x 2,5 mmq	(10G2,5)C	10	2.5
☎ Q125012V400	Q125012V400	Type LC MOVEPOWER C 12 x 2,5 mmq	(12G2,5)C	12	2.5

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