



# Power cable esiMot XL 3 x 400 V AC

## Dragchain suitable cable without ballast

4 x 1,5 mm<sup>2</sup>, Ø ca. 7,5 mm, ca. 103 kg/km



### Usage:

For installation in dry and damp rooms, but not outdoors as a highly flexible PVC drag chain cable, for frequent lifting and bending stress in machine and tool construction, in robot technology and on permanently moving machine parts. With free movement without tensile stress and without forced movement control, convincingly proven in drag chain use.

### Technical data

- According to DIN VDE 0285-525-2-51 / EN 50525-2-51
- Temperature range  
flexible -10°C ... +80°C  
fixed -40°C ... +80°C
- Rated voltage  $U_0/U$  300/500 V
- Test voltage 4000 V
- Breakdown voltage >8000 V
- Insulation resistance >20 MOhm x km
- Minimum bending radius  
flexible 7.5 x cable diameter  
fixed 4 x cable diameter

### Structure

- Bare copper wire according to DIN VDE 0295 class 6, ultra-fine wire, IEC60228 class 6
- Core insulation made of special PVC mixture Z7225
- Wire marking according to DIN VDE0293-334, black wires with consecutive, white numerals
- Cores stranded with optimally matched stroke lengths
- Fleece winding over each stranding layer
- Outer sheath made of special PVC mixture type TM5 according to
- DIN VDE 0207-363-4-1 / DIN EN 50363-4-1
- Coat colour grey (RAL7001) with meter marking

### Properties

- Resistant to oil, chemical resistance - see table "Technical Information"
- The materials used in the production are silicone- and cadmium-free and free of substances that interfere with paint wetting.

### Tests

- Flame retardant according to
- DIN VDE 0482-332-1-2,
- DIN EN 60332-1-2, IEC 60332-1-2
- Oil-resistant according to DIN VDE 0473-811-404 / DIN EN 60811-404 / IEC 60811-404



The product conforms to the EC Low Voltage Directive 2006/95/EC.



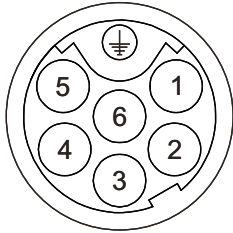
The product is compliant with the EU RoHS Directive 2011/65/EU.

## Connector:



7pin cable socket  
cable-Ø 6-8 mm  
max. 1,5 mm<sup>2</sup> (AWG19)  
Art.-No.: 630.01502-0

Contact arrangement with a view to  
Crimp terminals of the connector



## Power cable without ballast: 4 x 1,5 mm<sup>2</sup>, Ø approx. 7,5 mm

Wire number	Contact	Occupancy
1	1	Motor supply L1 (400 VAC)
2	3	Motor supply L2 (400 VAC)
3	6	Motor supply L3 (400 VAC)
GN/YE	PE	Protective

Length	Art.-No.	Weight
2 m	630.01555-0	0,33 kg
5 m	630.01556-0	0,64 kg
10 m	630.01557-0	1,15 kg
15 m	630.01558-0	1,67 kg
20 m	<td>	2,18 kg
25 m	<td>	2,70 kg
30 m	<td>	3,21 kg
35 m	<td>	3,73 kg

<td> = Number will be assigned in case of order

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**esitron-electronic GmbH**

Ernst-Zimmermann-Str. 18  
D-88045 Friedrichshafen  
Internet: [www.esitron.de](http://www.esitron.de)

Tel. +49(0)7541-6000-0  
Fax +49(0)7541-6000-11  
E-Mail: [info@esitron.de](mailto:info@esitron.de)