

Combined control and supply line for servo motors with UL AWM approval

Product Description

Multi-Standard= less part varieties= cost savings



Application range

- Designed especially to connect SEW servo motors.
- Connecting cable between servo controller and motor
- Plant engineering
- machine tools
- Printing machines

Benefits

- Multi-Standard= less part varieties= cost savings

Design

- Fine strands of bare copper wires
- Core insulation: TPE
- Control core-triplet screened with laminated aluminium foil and tinned copper wire layer
- Cores twisted in short lay lengths
- tinned copper braid
- PVC outer sheath, orange (RAL 2003)

Approvals (Norm references)

- USA: Acc. NFPA79 Ed 08 in industrial machinery as part of a listed assembly only.

Product features

- For fixed installation or occasionally moved use.
- Oil resistant
- Flame retardant according to IEC 60332-1-2



- Flame retardant according to UL VW1 / CSA FT1

Technical Data

Core identification code

Power: black cores with white letters U, VV, WWW and 1 core gnye

Control cores: black cores with white numbers 1, 2 and 3

Approvals

UL-AWM-Style 2570

Based on

VDE 0250, 0281

Specific insulation resistance

> 20 GOhm x cm

Conductor stranding

Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5

Minimum bending radius

Occasional flexing: 15 x cable diameter

Static: 4 x cable diameter

Rated voltage

Power cores: IEC 750V, UL 600V

Control cores: 1mm² and 1,5mm: IEC 350V, UL 600V

Test voltage

2000 V

Protective conductor

G = with protective conductor GN/YE

Range of temperature

Flexing: -10°C up to +80°C

Fixed installation: -40°C up to +80°C

Article List

Part number	Number of cores and mm ² per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
0038060	4 G 1,5 + (3 x 1,0)	11,8	151.0	300
0038061	4 G 2,5 + (3 x 1,0)	13,4	212.9	370
0038062	4 G 4 + (3 x 1,0)	15.0	281.8	476
0038063	4 G 6 + (3 x 1,5)	17.0	392.8	625
0038064	4 G 10 + (3 x 1,5)	20.0	625.1	1024

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

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