



CONTACT

Market information
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Power supply multiconductor cables for dynamic application with PVC jacket, unshielded, resistant to oils, flame retardant, MTW

STANDARDS

Product UL and CSA approval

Normative Reference:

UL and CSA approval
 AWM 80°C - 600V/1000V
 AWM 80°C - 600V/1000V FT1
 MTW 90°C - 600V

Oil resistance:

IEC 50363-4-1

Refrigerant oil resistance:

CNOMO E.03.40.150
 NFT 46-013

Flame retardant:

IEC 60332-1-2
 FT1
 UL 1581
 EN 50265-2-1

Core identification

4x U/L1/C/L + V/L2 W/L37D/L- Yellow/Green
 7 x Black numerated Yellow/Green



Operating temp.
 -25 ... 80 °C



Storage temperature, range
 -30 ... 80 °C



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



Oil resistance
 EN 50363-4-1

CHARACTERISTICS

Construction characteristics

Conductor material	Stranded bare copper
Insulation	PVC
Taping	Soft tape
Insulation colour	Black w. number + yellow/green
Outer sheath	PVC
Sheath colour	Grey RAL 7001

Electrical characteristics

Rated Voltage U ₀ /U	0.6/1 kV
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Mechanical characteristics

Maximum acceleration	10 m/s ²
Minimum bending cycles	5 Mio.
Speed	180 m/min

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-25 ... 80 °C
Storage temperature, range	-30 ... 80 °C
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1
Oil resistance	EN 50363-4-1

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [kg/km]
☎ 13-ELW15G03R-C1	13-ELW15G03R-C1	3x1.50 mmq	3G1,5	9.4	43
🏠 10553187	13-ELW15G04R-C1	4x1.50 mmq	4G1,5	10.3	58
☎ 13-ELW15G07R-C1	13-ELW15G07R-C1	7x1.50 mmq	7G1,5	12.1	101
☎ 13-ELW13G03R-C1	13-ELW13G03R-C1	3x2.50 mmq	3G2,5	10.3	72
🏠 10553186	13-ELW13G04R-C1	4x2.50 mmq	4G2,5	11.2	96
☎ 13-ELW13G07R-C1	13-ELW13G07R-C1	7x2.50 mmq	7G2,5	14.1	168
☎ 13-ELW11G03R-C1	13-ELW11G03R-C1	3x4.00 mmq	3G4	11.7	118
🏠 10553185	13-ELW11G04R-C1	4x4.00 mmq	4G4	13.0	158
☎ 13-ELW11G07R-C1	13-ELW11G07R-C1	7x4.00 mmq	7G4	16.2	277
☎ 13-ELW09G03R-C1	13-ELW09G03R-C1	3x6.00 mmq	3G6	14.5	173
🏠 10553180	13-ELW09G04R-C1	4x6.00 mmq	4G6	15.8	230
☎ 13-ELW09G07R-C1	13-ELW09G07R-C1	7x6.00 mmq	7G6	18.9	403
☎ 13-ELW07G03R-C1	13-ELW07G03R-C1	3x10.00 mmq	3G10	18.0	292
🏠 10553177	13-ELW07G04R-C1	4x10.00 mmq	4G10	19.4	390

☎ = Make to order, 🏠 = In stock,

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [kg/km]
☎ 13-ELW07G07R-C1	13-ELW07G07R-C1	7x10.00 mmq	7G10	24.7	681
☎ 13-ELW05G04R-C1	13-ELW05G04R-C1	4x16.00 mmq	4G16	25.5	690
☎ 13-ELW05G07R-C1	13-ELW05G07R-C1	7x16.00 mmq	7G16	30.4	1075
☎ 13-ELW03G03R-C1	13-ELW03G03R-C1	3x25.00 mmq	3G25	25.5	720
☎ 13-ELW03G04R-C1	13-ELW03G04R-C1	4x25.00 mmq	4G25	28.2	960
☎ 13-ELW02G03R-C1	13-ELW02G03R-C1	3x35.00 mmq	3G35	28.0	1005
☎ 13-ELW02G04R-C1	13-ELW02G04R-C1	4x35.00 mmq	4G35	30.6	1339
☎ 13-ELWA1G03R-C1	13-ELWA1G03R-C1	3x50.00 mmq	3G50	34.0	1440
☎ 13-ELWA1G04R-C1	13-ELWA1G04R-C1	4x50.00 mmq	4G50	37.5	1920
☎ 13-ELWA2G03R-C1	13-ELWA2G03R-C1	3x75.00 mmq	3G75	38.5	2160
☎ 13-ELWA2G04R-C1	13-ELWA2G04R-C1	4x75.00 mmq	4G75	47.4	2880
☎ 13-ELW05G03R-C1	13-ELW05G03R-C1	3x16.00 mmq	3G16	23.0	461

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