



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

### STANDARDS

**Producto** 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

### CONTACT

Market information  
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Temp. ambiente de utilización  
 -25 ... 80 °C



Temperatura de almacenamiento (rango)  
 -30 ... 80 °C



No propagación de la llama  
 IEC/EN 60332-1-2; FT1; UL 1581 FT1



Resistencia a aceites  
 EN 50363-4-1

## CHARACTERISTICS

## Características de construcción

|                        |                                |
|------------------------|--------------------------------|
| Material del conductor | Stranded bare copper           |
| Aislamiento            | PVC                            |
| Taping                 | Soft tape                      |
| Insulation colour      | Black w. number + yellow/green |
| Cubierta exterior      | PVC                            |
| Color de cubierta      | Grey RAL 7001                  |

## Características eléctricas

|                    |          |
|--------------------|----------|
| Rated Voltage Uo/U | 0.6/1 kV |
|--------------------|----------|

## Características mecánicas

|                        |                     |
|------------------------|---------------------|
| Maximum acceleration   | 10 m/s <sup>2</sup> |
| Minimum bending cycles | 5 Mio.              |
| Speed                  | 180 m/min           |

## Características de uso

|   |                                    |
|---|------------------------------------|
| Campo de aplicación                         | Dynamic                            |
| Minimum dynamic operating bending radius    | 10 (xD)                            |
| Temperatura ambiente de utilización (rango) | -25 ... 80 °C                      |
| Temperatura de almacenamiento (rango)       | -30 ... 80 °C                      |
| No propagación de la llama                  | IEC/EN 60332-1-2; FT1; UL 1581 FT1 |
| Resistencia a aceites                       | EN 50363-4-1                       |

## PRODUCT LIST

| Reference         | Country Ref.    | Name       | Construction type | Diámetro exterior nominal [mm] | Contenido de cobre [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                        |

☎ = Make to order, 🏠 = In stock,

| Reference         | Country Ref.    | Name        | Construction type | Diámetro exterior nominal [mm] | Contenido de cobre [kg/km] |
|-------------------|-----------------|-------------|-------------------|--------------------------------|----------------------------|
| ☎ 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                        |
| ☎ 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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