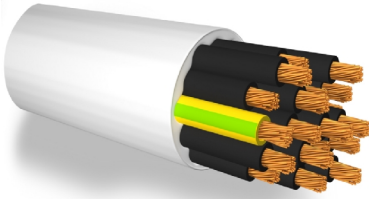


05Z1Z1-F/CPR



HALOGEN-FREE, WITH LOW SMOKE EMISSION AND WITHOUT CORROSIVE AND TOXIC GASES THERMOPLASTIC INSULATED AND SHEATHED FLEXIBLE CABLE



ACCORDING TO CPR: CLASS Cca s1b, d2, a1

Cables for general applications in construction works subject to fire resistance requirements. Provided by EN 50575: 2014 + A1. Declaration of performance: DOP 00024.

HALOGEN FREE CABLE

Low emission of smoke and toxic gases and without corrosive gases, for wirings in public structures and offices.

TECHNICAL FEATURE

| Rated Voltage | Max operating temperature | Min temperature of installation | Max stocking temperature | Max temperature of short circuit | Min internal bending radius | Max mechanical stress |
|---------------|---------------------------|---------------------------------|--------------------------|----------------------------------|-----------------------------|-----------------------|
| 300/500 V | 70°C | 5°C | 40°C | 150 °C | 6xD | 5 Kg/mm ² |

CONSTRUCTION FEATURES

Conductors: Flexible annealed copper cord, class 5 (EN 60228, IEC 60228)

Insulation: Halogen-free thermoplastic compound T16 type. Insulation of fire-retardant cables, with low emission of smoke and toxic gases and without corrosive gases.

Sheath: Thermoplastic halogen free compound type TM7. Protective sheath of cables with low emission of toxic smoke and without corrosive gases.

Identification Colours: Cores identification: black numbered + green/yellow

MARKING: Ink Jet

PEC SO MN 05Z1Z1-F (SECTION) CE (BATCH) ECOPECSO LINE
Cca s1b, d2, a1

FEATURES: Max strain in static duty conditions: 1,5 Kg/mm². Flame retardant. Halogen free cable

GUIDE TO USE

Use in premises with low level of smoke and corrosive gases emission in case of fire or burning. Use in domestic premises and offices, suitable for ordinary duty applications and household appliances, including damp premises (e.g. vacuum cleaners, washing machines, tumble dryers and refrigerators). Temporary short-term outdoors use allowed. Not suitable for use with cooking and heating appliances with risk of contact with hot parts and in lighting equipment at very high temperature. Cables not providing circuit integrity in case of fire.

Standards: EN 50525
EN 50363
EN 50575:2014 + A1
ROHS 2011/65/UE

CPR Not.Body: 2479 - DoP 00024 - Class: Cca, s1b, d2, a1

DIMENSIONAL FEATURES AND ELETTRICAL PROPERTY

| n° x mm ² | number and nominal cross-sectional area of conductors | ∅ Max diameter (mm) | CONDUCTOR | | INSULATION thikness (mm) | SHEATH thikness (mm) | WEIGHT Indicative weight of cable (g/m) |
|----------------------|---|------------------------|-------------------------------|---|-----------------------------|-------------------------|--|
| | | | ∅ diameter max. of wires (mm) | max resistance res. el. (ohm/km) reducu | | | |
| 5x0,75 | ◀ | 8.8 | 0.21 | 26 | 0.60 | 0,90 | 100,00 |
| | | | | | | | ARTICLE CODE |
| 5x1 | ◀ | 9.4 | 0.21 | 19.5 | 0.60 | 0,90 | 120,00 |
| | | | | | | | ARTICLE CODE |
| 5x1,5 | ◀ | 11.1 | 0.26 | 13.3 | 0.70 | 1,10 | 174,00 |
| | | | | | | | ARTICLE CODE |
| 6x0,75 | ◀ | 10.7 | 0.21 | 26 | 0.60 | 1,00 | 126,00 |
| | | | | | | | ARTICLE CODE |
| 6x1 | ◀ | 10.3 | 0.21 | 19.5 | 0.60 | 1,00 | 150,00 |
| | | | | | | | ARTICLE CODE |
| 6x1,5 | ◀ | 12.2 | 0.26 | 13.3 | 0.70 | 1,20 | 212,00 |
| | | | | | | | ARTICLE CODE |
| 7x0,75 | ◀ | 10.7 | 0.21 | 26 | 0.60 | 1,00 | 131,00 |
| | | | | | | | ARTICLE CODE |
| 7x1 | ◀ | 10.3 | 0.21 | 19.5 | 0.60 | 1,00 | 157,00 |
| | | | | | | | ARTICLE CODE |
| 7x1,5 | ◀ | 12.2 | 0.26 | 13.3 | 0.70 | 1,20 | 222,00 |
| | | | | | | | ARTICLE CODE |
| 8x1 | ◀ | 11.1 | 0.21 | 19.5 | 0.60 | 1,00 | 177,00 |
| | | | | | | | ARTICLE CODE |