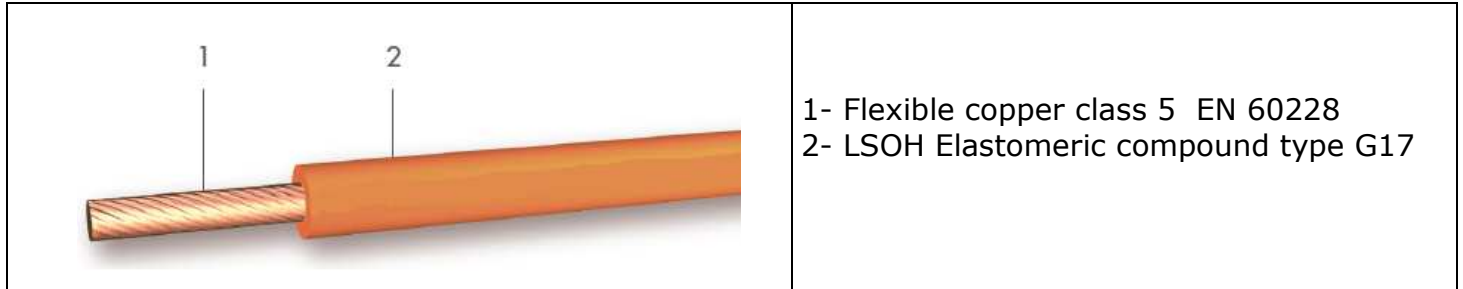


FG17 450/750 V

Fire retardant, flexible single core rubber insulated electric cables, with low emission of fumes and corrosives gases, sheathless with special requirements of reaction to fire according the European Construction Product Regulation

Class Cca-s1b,d1,a1



| Standard | Approvals | Packaging | CE |
|---|---|---|-------------------|
| CEI 20-13 CEI 20-13 V.2 CPR UE 305/11 CEI EN 50575 CEI UNEL 35310 |  |  | CE 0051 |

Marks

ICC [size] FG17 450/750 V - IEMMEQU EFP - MADE IN ITALY - Cca-s1b,d1,a1

| Fire Performances | Reaction to fire | Cca | DoP Number: DoP2018-018 |
|-------------------|---------------------|------------|-----------------------------------|
| | Smoke production | s1b | |
| | Droplets | d1 | |
| | Acidity | a1 | |
| | Dangerous Substance | NPD | |

CHARACTERISTICS

Applications: For indoor installation, fixed laying on bare walls or steel structures, in pipes or ducts, or in signal and control panels, switchgear etc. . In places with risk of fire, to guarantee people's safety, like schools, hospitals, hotels, shopping malls, cinemas, offices etc.

Cables suitable for electrical power systems in constructions and other civil engineering buildings, in order to limit fire and smoke production and spread, in accordance with the European Construction Product Regulation (CPR) Class Cca-s1b,d1,a1

| | |
|--|--|
| Insulation colour: | Various on request |
| Max operating temperature: | +5°C ÷ +90° C on the conductor |
| Minimum bending radius: according to IEC 60092-352 | UNEL 35368: 4 x outer diam. |
| Rated voltage U ₀ /U: | 450/750 V |
| Maximum voltage U _m | 1 kV |
| Max. temperature in case of short circuit: | 250° C on the conductor (max duration 5 seconds) |

Revision Matrix

| REV. N° | DESCRIPTION | DATA | SIGNATURE |
|---------|--------------------------|------------|-----------|
| 0 | 1 st Emission | 19/03/2019 | Zizioli P |

| Nominal size | Max diameter of wires | Insulation thickness | Outer diameter | Max cond. Resist. At 20°C | Cable weight |
|--------------|-----------------------|----------------------|----------------|---------------------------|--------------|
| | mm | mm | mm | ohms/km | kg/km |
| 1x1,5 | 0,26 | 0,7 | 2,9 | 13,3 | 20 |
| 1x2,5 | 0,26 | 0,8 | 3,6 | 7,98 | 30 |
| 1x4 | 0,31 | 0,8 | 4,1 | 4,95 | 45 |
| 1x6 | 0,31 | 0,8 | 4,7 | 3,30 | 65 |
| 1x10 | 0,41 | 1,0 | 6,0 | 1,91 | 110 |
| 1x16 | 0,41 | 1,0 | 6,9 | 1,21 | 160 |
| 1x25 | 0,41 | 1,2 | 8,5 | 0,780 | 250 |
| 1x35 | 0,41 | 1,2 | 9,7 | 0,554 | 340 |
| 1x50 | 0,41 | 1,4 | 11,6 | 0,382 | 480 |
| 1x70 | 0,51 | 1,4 | 13,5 | 0,272 | 670 |
| 1x95 | 0,51 | 1,6 | 15,3 | 0,206 | 890 |
| 1x120 | 0,51 | 1,6 | 17,0 | 0,161 | 1140 |
| 1x150 | 0,51 | 1,8 | 18,9 | 0,129 | 1410 |
| 1x185 | 0,51 | 2,0 | 20,9 | 0,106 | 1710 |
| 1x240 | 0,51 | 2,2 | 23,8 | 0,0801 | 2270 |

Revision Matrix

| REV. N° | DESCRIPTION | DATA | SIGNATURE |
|---------|--------------------------|------------|-----------|
| 0 | 1 st Emission | 19/03/2019 | Zizioli P |