

FTM40HM1

FIRE RESISTANT CABLE



Construction:

Conductor:	flexible red copper conductor Cl. 5, acc to IEC 60228
Insulation:	Silicone rubber compound
Colour cores:	red + black
Stranding:	in layers
Wrapping:	PET tape
Screen :	electrostatic screen of plastic and aluminium tape + tinned drain-wire
Outer sheath:	red (similar RAL 3000), halogen free compound

Resistance:



Flame retardant and self extinguishing acc. to:
IEC 60332-1-2
DIN VDE 0482 part.266-2-4
EN 50266-2-4
IEC 60332-3-24



Fire resistant acc. to:
IEC 60331-21
EN 50200 PH30



Halogen-free acc. to:
DIN VDE 0482 part 267,
EN 50267-2-1
IEC 60754-1 (equivalent DIN VDE 0472 part 815)



Corrosiveness of conflagration gases acc. to:
DIN VDE 0482 part 267
EN 50267-2-2
IEC 60754-2 (equivalent DIN VDE 0472 part 813)



Smoke density acc. to:
IEC 61034-1-2,
DIN VDE 0482 part. 268-1-2,
EN 50268-1-2

Technical data:

Nominal voltage:	100/100 V
Test voltage:	2 kV
Temperature range:	-30°C up to + 90°C
installation:	-5°C up to + 60°C
Min. bending radius:	15 x d

Features:

Fire warning installation cable

PH30: at 830 °C flame and shock for 30 minutes

FE180: insulation integrity for 180 min. acc. to IEC 60331-21

Suitable for installation in a single conduit or channel or bridge, without interposing separators, with cable system of Category I^o marked "450/750" or "0,6/1 kV" (as required by CEI-UNEL 36762)

RoHS and CE approval



Part no.	No.of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km
49160BRM020M05	2X0,5	5,7	9,6	37
49160BRM020M07	2X0,75	6,3	16	49
49160BRM020M10	2X1	6,9	21	61
49160BRM020M15	2X1,5	7,6	28	75
49160BRM020M25	2X2,5	8,9	44	105
49160BRM040M10	4X1	8,1	38,4	96

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