

Control and signalling cable, Al/Pet tape screen, fire resistant, fire retardant, halogen free.



1. Conductor
2. Insulation
3. Flame protection
4. Drain wire
5. Screen
6. Sheath

APPLICATION: Suitable for the transmission of signals and controls for electrical equipment when you need maximum security against fire, such as emergency lighting and alarm systems, automatic fire detection, fire extinguishing equipment, automatic opening doors, ventilation systems and conditioning, emergency telephone systems.

INSTALLATION: For fixed indoor installation in dry or wet environments and temporarily outdoor. They can be installed on platforms, pipes, conduits and similar systems.

FEATURES	DESCRIPTION	STANDARDS
Conductors :	annealed red copper cl. 1	CEI EN 60228 (Tab. 9)
Insulation :	ceramifiable silicone rubber	
Cores colour :	(blue-red) - (yellow-grey) - (green-brown) - (white-black)	DIN VDE 815
Flame protection :	glass-fibre tape thickness 0,12 mm	
Drain wire :	annealed tinned copper	
Screen :	Al/Pet tape thickness 9/23 µm covering > 110%	
Sheath :	LSZH compound, M1 quality	CEI EN 50363
Sheath colour :	red RAL3000	
Fire reatardant :		CEI EN 60332-3-24
Flame retardant :		CEI EN 60332-1-2
Halogen free :	(< 0,5 mg/g - 0,5%)	CEI EN 50267-2-1/2 - IEC 60754-1/2
Low smoke emission :	(transmittance > 60%)	CEI EN 61034-2
Fire resistant :	duration 120 min. at temperature of 830 °C (- 0 ÷ + 40 °C)	CEI EN 50200
Fire resistant :	(E30/E60)	DIN VDE 4102-12
Fire resistant :	duration 180 min. at temperature of 750 °C (FE180)	IEC 60331-21 - VDE 472-814
DC resistance :	according to	CEI EN 60228 (Tab. 9)
Rated voltage U ₀ /U :	300/500 V	
Max voltage :	550 V	
Testing voltage :	2 kV	
Max working temperature :	90 °C	
Max conductor temperature :	180 °C	
Short-circuit temperature :	350 °C	
Min. installation temperature :	0 °C	
Bending radius :	Ø x 10	
Printing :	EUROSAFE JE-H(St)H E30/E60 DIN 4102-12 CEI EN 50200 PH(120) CE Type Year/Lot	

TYPE N° x mm ²	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE	TYPE N° x mm ²	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
1x2x0,80	5,6	40	B7301C080FR	1x2x1mmq	6,9	67	B7301C100FR
2x2x0,80	8,6	77	B7302C080FR	2x2x1mmq	10,1	138	B7302C100FR
3x2x0,80	9,4	97	B7303C080FR	1x2x1,5 mmq	8,5	100	B7301C150FR
4x2x0,80	10,6	126	B7304C080FR	2x2x1,5mmq	12,4	205	B7302C150FR
				1x2x2,5mmq	9,6	132	B7301C250FR