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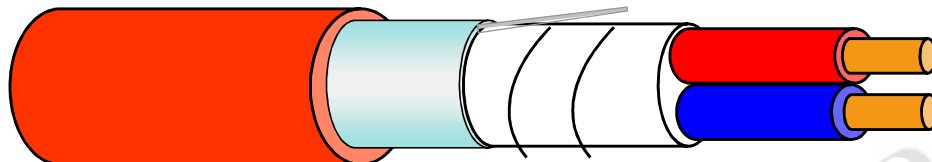
SHEET N° 740
DATE: 22/11/2017

rev.5

CABLE TYPE: EUROSAFE JE-H(St)H 300/500V
STANDARDS: CEI EN 60228
CEI EN 50363

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

COMARI EUROSAFE JE-H(St)H TYPE E30/E60 DIN 4102



Features	Description	Standards
<u>Conductors :</u>	annealed red copper cl. 1 (1x)	CEI EN 60228
<u>Insulation :</u>	ceramifiable silicone rubber	
<u>Assembling:</u>	Twisted pairs plus total assembling plus PET tape	
<u>Cores colour :</u>	(blue-red) - (yellow-grey) - (green-brown) - (white-black)	DIN VDE 815
	First four pairs colours repeated with numbered	
<u>Flame protection :</u>	glass-fibre tape	
<u>Drain wire :</u>	annealed tinned copper	
<u>Screen :</u>	Al/Pet tape	
<u>Outer Sheath:</u>	LSZH compound	
<u>Sheath colour :</u>	red RAL3000	
<u>Fire retardant :</u>		CEI EN 60332-3-24
<u>Flame retardant :</u>		CEI EN 60332-1-2
<u>Halogen free :</u>	(< 0,5 mg/g - 0,5%)	CEI EN 50267-2-1/2 - IEC 60754-1/2
<u>Low smoke emission :</u>	(transmittance > 60%)	CEI EN 61034-2
<u>Fire resistant :</u>	duration 120 min. at temperature of 830 °C. (- 0 ÷ + 40 °C)	CEI EN 50200
<u>Fire resistant :</u>	(E30/E60) Circuit integrity 30/60 minutes	DIN VDE 4102-12
<u>Fire resistant :</u>	duration 180 min. at temperature of 750 °C (FE180)	IEC 60331-21 - VDE 472-814
<u>DC resistance :</u>	according to	CEI EN 60228
<u>Rated voltage Uo/U :</u>	300/500 V	
<u>Max voltage :</u>	550 V	
<u>Testing voltage :</u>	2000 V	
<u>Max working temperature :</u>	90 °C	
<u>Max conductor temperature :</u>	180 °C	
<u>Short-circuit temperature :</u>	350 °C	
<u>Min. installation temperature :</u>	0 °C	
<u>Bending radius :</u>	Ø x 10	
<u>Max Tensile Load:</u>	50 N/mm ²	
<u>Printing :</u>	COMARI EUROSAFE JE-H(St)H TYPE E30/E60 DIN 4102 CE Year metric progressive	

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.

Type	Resistance	Twist/m	Capacity	Inductance	Impedance	Medium Ø	Medium	Product
(n° Core x mm)	Ω/km		(nF/Km)	(μH/m)	(Ω)	outer	weight	code
N° x mm	Nominal values					± 1 mm	kg x km	
1x2x0,80	36,00	12	70	0,75	100±15	5,6	40	B9903105012000021
2x2x0,80	36,00	14	70	0,75	100±15	8,4	77	B9903105012000022
3x2x0,80	36,00	14	70	0,75	100±15	9,4	97	-
4x2x0,80	36,00	14	70	0,75	100±15	10,6	126	B9903105012000029
8x2x0,80	36,00	14	70	0,75	100±15	13,4	214	B9903105012000030
1x2x1,10	18,10	12	90	0,70	90±15	6,4	55	B9903105012000031
1x2x1,50 mmq	12,10	12	80	0,65	85±15	8,2	88	B9903105012000043
1x2x2,50 mmq	7,41	10	95	0,60	80±15	9,0	120	B9903105012000035