

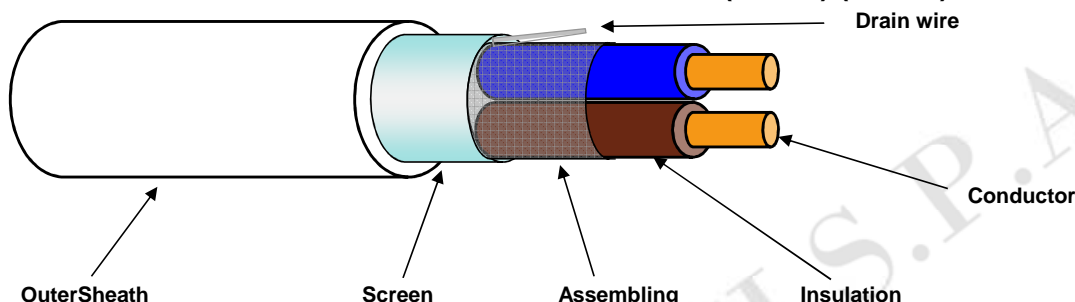


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SHEET N° 742
DATE: 07/05/2015
CABLE TYPE: EUROSAFE SCREENED 300/500V
(FE180) (PH120)
STANDARDS: CEI EN 60332-3-24
CEI EN 60332-1-2
CEI EN 50267-2-1/2 - IEC 60754-1/2
CEI EN 50200

Power, signal and command cables, Al/Pet tape screen, fire resistant, fire retardant, halogen free.

EUROSAFE SCREENED 300/500 V (FE180) (PH120) WHITE



Features	Description	Standards										
Conductors :	annealed red copper cl.1	CEI EN 60228										
Insulation :	ceramifiable silicone rubber											
Cores colour :		CEI UNEL 00722 - HD 308										
2x	Blue- Brown											
3x	Brown-Black-Gray											
4x	Blue- Brown-Black-Gray											
5x	Blue-Brown-Black-Gray-Black											
6x	Blacks with numbering progressive white colour											
Assembling :	Pet tape											
Drain wire :	annealed tinned copper											
Screen :	Al/Pet tape thickness 9/23 µm covering >110%											
Outer Sheath :	LSZH compound, M1 quality	CEI EN 50363										
Sheath colour :	White RAL 9010											
Fire retardant :		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 :	(trasmittance >60%)	CEI EN 61034-2										
Fire resistant :	duration 120 min. at temperature of 830 °C. (- 0 ÷ + 40 °C)	CEI EN 50200										
Fire resistant :	cat. C (3h at 950°C)	BS 6387 Cat. CWZ										
Fire resistant :	duration 180 min. at temperature of 750 °C (FE180)	IEC 60331-21 - VDE 472-814										
DC resistance :	according to	CEI EN 60228										
Rated voltage Uo/U:	300/500 V											
Max voltage :	550 V											
DC resistance at 20°C:	<table border="1"> <tr> <td>0,5 mmq</td> <td>0,75 mmq</td> <td>1 mmq</td> <td>1,5 mmq</td> <td>2,5 mmq</td> </tr> <tr> <td>36 Ω/ Km</td> <td>24,5 Ω/ Km</td> <td>18,10 Ω/ Km</td> <td>12,10 Ω/ Km</td> <td>7,41 Ω/ Km</td> </tr> </table>	0,5 mmq	0,75 mmq	1 mmq	1,5 mmq	2,5 mmq	36 Ω/ Km	24,5 Ω/ Km	18,10 Ω/ Km	12,10 Ω/ Km	7,41 Ω/ Km	
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36 Ω/ Km	24,5 Ω/ Km	18,10 Ω/ Km	12,10 Ω/ Km	7,41 Ω/ Km								
Testing voltage :	2000 V											
Max working temperature :	90 °C											
Max conductor temperature :	180 °C											
Short-circuit temperature :	350 °C											
Min. installation temperature :	0 °C											
Bending radius :	Ø x 8											
Max Tensil Load:	50 N/mm ²											
Printing :	EUROSAFE FE 180 Type SCREENED 300/500 V BS 6387 CWZ CEI EN 50200 PH(120) IEC 60332-3-24 CE Year/Lot - Type											
APPLICATION:	Suitable for the transport of energy and 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		Medium Ø	Medium	Product								
(N°. cores x sect.)		outer	weight	code								
N° x mm ²		mm	kg x km									
2x1		6,7	58	B7302100SWHITE								