



RZ1-K (AS+) FIRE RESISTANT ENERGY CABLES



THE REACTION and RESISTANCE TO FIRE CHARACTERISTIC / LOW SMOKE EMISSION / WITHOUT POISONED AND CORROSIVE GASES / CIRCUIT INTEGRITY 180 MINUTES / CIRCUIT INTEGRITY WITH MECHANICAL SHOCK PH120 / FIRE REACTION CLASS Cca-s1a,d1,a1



CONSTRUCTION

Conductor	EN 60228 Class 5 Stranded Electrolytic Plain Copper
Insulation	Mica tape wrapping and Cross-linked HFFR Compound
Insulation Colour	HD 308 S2
Stranding	In Layers Of Optimum Pitch
Sheath	HFFR Compound according to IEC 60502-1
Sheath Colour	RAL2003 Orange
Available Sections	70 mm ² and above

Colour Coded acc. to HD 308 S2

1 Cores		Black					
2 Cores		Blue	Brown				
3 Cores	JB	Yellow	Green	Blue	Brown		
	OB	Brown	Black	Grey			
4 Cores	JB	Yellow	Green	Brown	Black	Grey	
	OB	Blue	Brown	Black	Grey		
5 Cores	JB	Yellow	Green	Blue	Brown	Black	Grey
	OB	Blue	Brown	Black	Grey	Black	

TECHNICAL CHARACTERISTICS

Working voltage	0,6/1 kV
Test voltage	4000 V
Minimum bending radius	12 x Ø
Working temperature	-40°C ~+90°C(Fixed Laying)
Short circuit temperature	+250°C
Insulation resistance	100 MΩ x km

