



Fire Rated Junction Box

(Approved for Intrinsic Fire Resistance)



**E30
E60
E90**

(According to DIN 4102-12)

**CI 'C'
CI 'W'
CI 'Z'**

(As per BS 6387 : 2013)

IP

65/66

TECHNICAL SPECIFICATION :

- Material: sheet steel, powder-coated
- Intrinsic fire resistance in accordance with DIN 4102 part 12 (German standard) in combination with fire survival cables & ceramic terminal block
- Intrinsic fire resistance from external flame, water & external impact with BS 6387:2013 in combination with Fire Survival cables & Ceramic terminal block
- Protection against accidental contact is ensured by the enclosure
- External brackets for mounting
- Cable junction box for tunnel application for conductor cross-sections up to 4 mm²
- Colour: Orange, RAL 2003
- Resistance to impact: IK 10 (20 Joule)
- Degree of protection: IP 66

Product Information:

- Rated Insulation Voltage – 800 V
- Current Carrying Capacity – 57 A
- Tightening Torque – 1.2 Nm



Reference Standard:

Product design :- IEC 62208:2011
 Product testing :- DIN 4102-12
 BS 6387:2013 (Cat. C, W, Z)
 IEC 60529 (IP)
 IEC 62262 (impact)

Product Details:

PRODUCT CODE		DIMENSIONS				CERAMIC TERMINAL	
PART NO.	MODEL NO.	X	Y	Z	L	2 POLE	3 POLE
FRJ 01	FRJ-101080-A	100	100	80	18	1	1
FRJ 02	FRJ-151510-A	150	150	100	18	2	2
FRJ 03	FRJ-201510-A	200	150	100	18	4	3
FRJ 04	FRJ-202011-A	200	200	105	18	4	3
FRJ 05	FRJ-251510-A	250	150	100	18	5	3
FRJ 06	FRJ-352511-A	350	250	105	18	6	4

Certification

Enclosure Type	DIN 4102 - 12 950°C (1742°F) in a closed Chamber, E90 Certification (Flame Only)	BS6387 'C' 950°C (1742°F) for 3 Hours (Flame Only)	BS6387 'Z' 950°C (1742°F) for 15 Minutes (External Impact)	BS6387 'W' 650°C (1202°F) for 30 Minutes (Water Spray)
FRJB Series	Pass	Pass	Pass	Pass