



FIRE RATED STEEL Enclosures

(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

FIRE RATED STEEL ENCLOSURE

Technical Data :

Material	: sheet steel, powder-coated
Properties	: 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 mm ²
Colour	: Orange, RAL 2003 (Other color on request)
Resistance to impact	: IK 10 (20 Joule)
Degree of protection	: IP 66



PRODUCT SPECIFICATION

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)

PRODUCT CODE	DIMENSIONS (MM)			CERAMIC TERMINAL	
	PART NO.	X	Y	Z	2 POLE
FRJB 01	100	100	80	1	1
FRJB 02	150	150	100	2	2
FRJB 03	200	150	100	4	3
FRJB 04	200	200	105	4	3
FRJB 05	250	150	100	5	3
FRJB 06	350	250	105	6	4

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