CROUSE-HINDS SERIES

SM87 JB junction boxes range

Ex d



Overview

A metallic junction box for Zone 1 or Zone 2 use.

Available in stainless steel or marine grade alloy.

Various terminals and entries can be accommodated.

Stainless steel, one of the most durable materials available on the market, is both hard wearing and corrosion resistant, increasing the life of products in harsh environments and therefore reducing maintenance costs.

Features

- Zone 1 and Zone 2 use
- Ex d IIC T5/T6
- ATEX approved Ex II 2GD
- IECEx certificated Gb, Db
- IP66 and 67
- Optional telephone or relay initiate
- Optional resistors or diodes



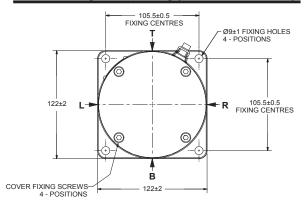


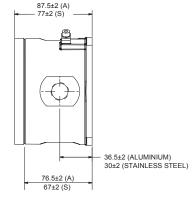
Certifications				
ATEX Ex d	Cert. no. Bas03ATEX0463. Certified to: EN60079-0, EN60079-1, EN60079-31. Ex II 2GD, Ex d IICT4/5/6 Gb, Ex tb IIICT135/100/85°C Db, IP66/67			
IECEx Ex d	Cert. no. IECEx BAS 13.0048 Certified to: IEC60079-0, IEC60079-1, IEC60079-31. Ex d IIC T4/5/6 Gb, Ex tb IIIC T135/100/85°C Db, IP66/67			
Specifications				
Material	Stainless steel grade 316 ANC4B, marine grade alloy LM25			
Finish	Painted to customer specification			
Certified temp	-55°C to +85°C (T4) -55°C to +70°C (T5) -55°C to +55°C (T6)			
Weight	T ratings are for units with terminals only			
Ingress protection	3.1kg IP66 and IP67			
Entries	Max. one per face in M20 or M25 ISO			
Resistor or diode	Contact sales office for information. Maximum of two components			
Relay initiate	Initiate voltage: Max switching voltage: Max switching current:	24 or 48Vdc 250Vac 10A		
Telephone initiate	Ringing voltage: Max switching voltage: Max switching current:	24-70Vac 240Vac 2A		

Terminal KLIPPON	No. off	Max volts	Max amps	Max conductor size mm ²
BK6	6	440V	25A	4
MK3/10	10	440V	25A	2.5
AKZ4	12	440V	25A	4
SAKD2.5N	12	440V	25A	2.5
SAK2.5	8	440V	25A	2.5
SAK4	6	440V	25A	4

Terminal PHOENIX	No. off	Max volts	Max amps	Max conductor size mm ²
MBK	12	440V	25A	1.5
MBK5	12	440V	25A	4
MBK6	10	440V	25A	6
BK4	10	440V	25A	4

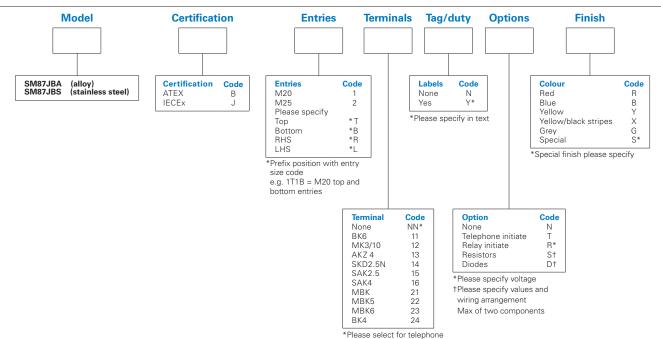
General arrangement drawing (all dimensions in mm)





Ordering requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box





Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com