

Enclosure: Conduit Outlet Bodies (Rectangular Box), ESB Series

ALFA



Flameproof and Dust protection by enclosure
Zone 1 & 2 - 21 & 22

Application

The DSB rectangular boxes are designed for use in the conduit system in hazardous areas, zone 1,2 and 21,22

- to provide opening for taps, splices or pull outlet for conductors.
- to provide an access to conduit system for maintenance.
- to change conduit direction.
- to use with threaded rigid steel conduit (RSC) or intermediate metal conduit (IMC).



ESBB



ESBC



ESBL



ESBR



ESBT



ESBX

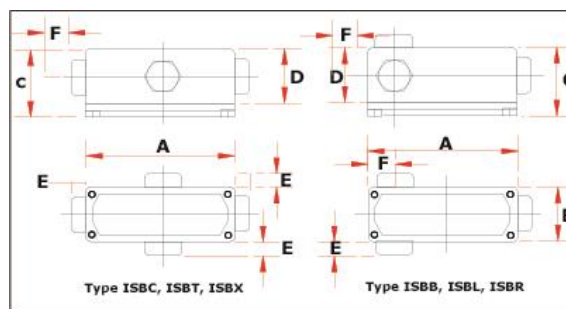
Technical Data

| | | |
|---------------------------------|--|----------|
| Explosion protection | EX II 2G | EX d IIB |
| Conformity to Standards | IEC 60079-0/1, EN 61241-0/1 | |
| Ambient Temperature | -20°C to + 75°C | |
| Degree of Protection | IP 66 acc to IEC 60529 | |
| Protection class for UL | Class I, Division 1 or 2 Group. B, C, D Class II, Division 1 or 2 Group. E, F, G Class III | |
| Protection class for IEC | Zone 1 and Zone 2 | |

Specification

Body, cover : Marine grade copper-free aluminium
alloy with polyester powder coated,
RAL 7032 (Grey)
Lid screws : Stainless steel

Catalogue Number and Dimension



| Hud Size NPT (inch) | Cat. No. | | | | | | Dimension in mm. | | | | | |
|------------------------|----------|--------|--------|--------|--------|--------|------------------|---|---|---|---|---|
| | | | | | | | a | b | c | D | E | F |
| Union | | | | | | | | | | | | |
| 1/2" | ESBB1 | ESBC1 | ESBL1 | ESBR1 | ESBT1 | ESBX1 | | | | | | |
| 3/4" | ESBB2 | ESBC2 | ESBL2 | ESBR2 | ESBT2 | ESBX2 | | | | | | |
| 1" | ESBB3 | ESBC3 | ESBL3 | ESBR3 | ESBT3 | ESBX3 | | | | | | |
| 1-1/4" | ESBB4 | ESBC4 | ESBL4 | ESBR4 | ESBT4 | ESBX4 | | | | | | |
| 1-1/2" | ESBB5 | ESBC5 | ESBL5 | ESBR5 | ESBT5 | ESBX5 | | | | | | |
| 2" | ESBB6 | ESBC6 | ESBL6 | ESBR6 | ESBT6 | ESBX6 | | | | | | |
| 2-1/2" | ESBB7 | ESBC7 | ESBL7 | ESBR7 | ESBT7 | ESBX7 | | | | | | |
| 3" | ESBB8 | ESBC8 | ESBL8 | ESBR8 | ESBT8 | ESBX8 | | | | | | |
| 3-1/2" | ESBB9 | ESBC9 | ESBL9 | ESBR9 | ESBT9 | ESBX9 | | | | | | |
| 4" | ESBB10 | ESBC10 | ESBL10 | ESBR10 | ESBT10 | ESBX10 | | | | | | |