



# Conduit Outlet Bodies ISB Rectangular Boxes


**Boston**

A QUALITY PRODUCT

## EXPLOSIONPROOF

For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-0/1 Standard Zone 1 and Zone 2



ISO9001:2008

### ● Technical data

Type of Protection: Ex d IIA T6

Conforming to : Standards IEC 60079-1 or UL 60079-1

Marking for test : Ex II2G

Degree of Protection : IP66 acc.To IEC 60529

Ambient Temp. (Ta) : -20°C to+ 75 °C

Type : ISB

Protection class for UL. : Class I, Division1 or 2 Group.C,D

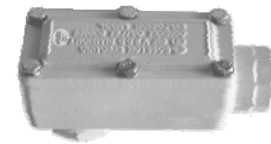
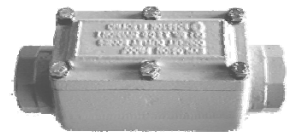
Class II, Division 1 or 2 Groups.E,F,G

Class III

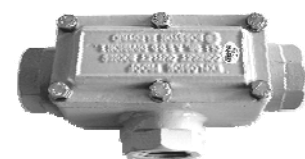
Protection class for IEC : Zone1and Zone 2

Options : Seal NBR rubble or Seal Silicone at front cover for outdoor

Conduit hub - 1/2" - 4" NPT.


**ISBB**

**ISBC**

**ISBL**

**ISBR**

**ISBT**

**ISBX**

### ● Applications:

The ISB rectangular boxes are designed for use in the conduit system in hazardous areas to

provide opening for tap, splice or pull outlet for conductors.

provide an access to conduit system for maintenance.

change conduit direction.

use with threaded rigid steel conduit ( RSC ) or intermediate metal conduit ( IMC ).

use in indoor (IP54) and corrosive locations.

### ● Features:

- Compact rectangular shape.
- Flat joint between body and cover assures a flame-tight joint.
- Smooth, well-rounded conduit stop in each hub to protect conductor insulation.
- Six different conduit hub arrangements.
- Complete selection of sizes.
- Copper-free aluminium construction for corrosion resistant.

### ● Standard Materials:

- Body and cover - Copper-free aluminium
- Bolts - Stainless steel

### ● Standard Finishes:

- Copper-free aluminium - Epoxy-polyester powder
- Stainless steel - Natural

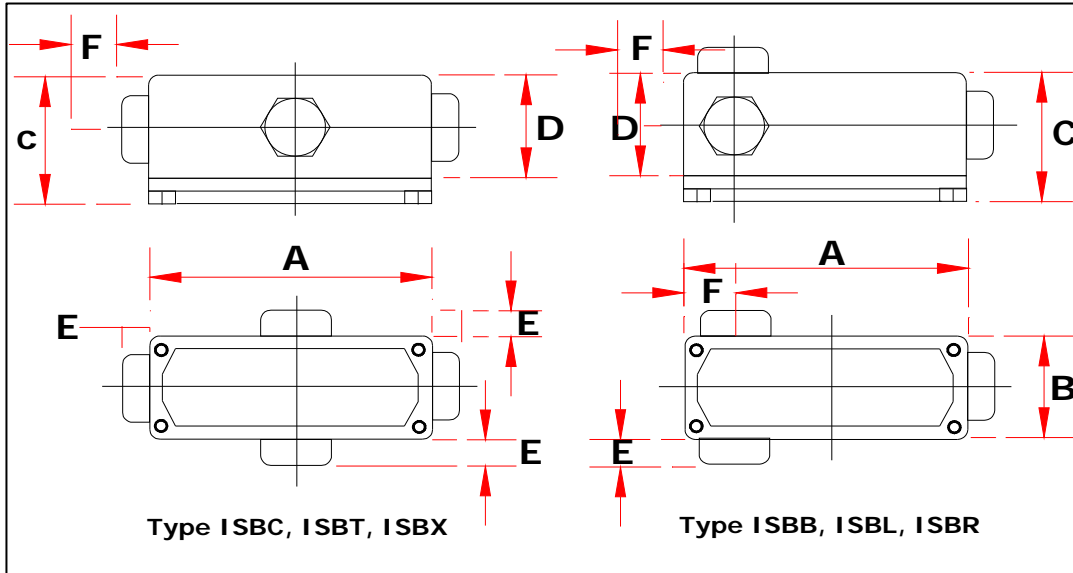


# Conduit Outlet Bodies ISB Rectangular Boxes

EXPLOSIONPROOF

For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-0/1 Standard Zone 1 and Zone 2



Hub Size. NPT ( inch )	Cat.,No.						Dimension in mm.					
							A	B	C	D	E	F
1/2"	ISBB 1	ISBC 1	ISBL 1	ISBR 1	ISBT 1	ISBX 1	101	44	57	40	16	20
3/4"	ISBB 2	ISBC2	ISBL 2	ISBR 2	ISBT 2	ISBX 2	101	44	57	40	16	20
1"	ISBB 3	ISBC 3	ISBL 3	ISBR 3	ISBT 3	ISBX 3	119	60	68	52	22	23
1.1/4"	ISBB 4	ISBC 4	ISBL 4	ISBR 4	ISBT 4	ISBX 4	146	67	79	64	23	32
1.1/2"	ISBB 5	ISBC 5	ISBL 5	ISBR 5	ISBT 5	ISBX 5	178	77	86	71	25	35
2"	ISBB 6	ISBC 6	ISBL 6	ISBR 6	ISBT 6	ISBX 6	211	88	103	87	30	43
2.1/2"	ISBB 7	ISBC 7	ISBL 7	ISBR 7	ISBT 7	ISBX 7	246	119	135	116	36	53
3"	ISBB 8	ISBC 8	ISBL 8	ISBR 8	ISBT 8	ISBX 8	246	119	135	116	36	53
3.1/2"	ISBB 9	ISBC 9	ISBL 9	ISBR 9	ISBT 9	ISBX 9	310	175	190	173	36	77
4"	ISBB 10	ISBC 10	ISBL 10	ISBR 10	ISBT 10	ISBX 10	310	175	190	173	36	77