

Condulet EAB ATEX conduit outlet boxes with covers

Cl. I, Div. 1 & 2, Groups A, B, C, D
Cl. II, Div. 1 & 2, Groups E, F, G
II 2 G EEx d IIC T5
PTB 05 ATEX 1052
Type 4 Enclosure; IP66

Explosionproof
Dust-ignitionproof
Raintight
Wet Locations

3F

Applications:

EAB ATEX conduit outlet boxes are installed in conduit systems within hazardous areas to:

- Provide protection against exterior explosion where acetylene, hydrogen and other hazardous gases are present
- Protect conductors in threaded rigid conduit
- Act as pull and splice boxes
- Interconnect lengths of conduit
- Change conduit direction
- Provide access to conductors for maintenance and future system changes

Features:

EAB ATEX conduit outlet boxes have:

- Two different hub configurations
- Taper threaded hubs to provide ground continuity
- Smooth integral hub bushing to protect conductor insulation when pulling
- Threaded cover openings
- Surface covers furnished with boxes
- Neoprene o-ring gasket and green ground screw are both standard
- Cover threads are 16 pitch
- Internal green ground screw #10

Certifications and compliances:

NEC/CEC:

- Class I, Divisions 1 & 2, Groups A, B, C, D
- Class II, Divisions 1 & 2, Groups E, F, G
- Class III
- II 2 G EEx d IIC T5
- PTB 05 ATEX 1052
- Enclosure Type 4, IP66

UL standard:

- UL1203

CSA standard:

- cUL Listed to CSA standard: C22.2 No. 30

Standard materials:

- Bodies – Feraloy® iron alloy or copper-free aluminum
- Covers – copper-free aluminum

Standard finishes:

- Feraloy – electrogalvanized and aluminum acrylic paint
- Aluminum – natural

Options:

Description

- Corro-free™ epoxy powder coat..... **S752**

Suffix

- Hub – ½" to 1"
- Cover opening – 3" diameter

Ordering information:

EABX



Hub size	Body material	Cat. #
½"	Feraloy iron	EABX16 ATEX
¾"	Feraloy iron	EABX26 ATEX
1"	Feraloy iron	EABX36 ATEX
1"	Copper-free aluminum	EABX36 SA ATEX

EABY



Hub size	Body material	Cat. #
½"	Feraloy iron	EABY16 ATEX
¾"	Feraloy iron	EABY26 ATEX

Size ranges:

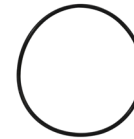
- Hub – ½" to 1"
- Cover opening – 3" diameter

Replacement cover



Size	Cat. #
3"	EAB06

Replacement o-ring gasket



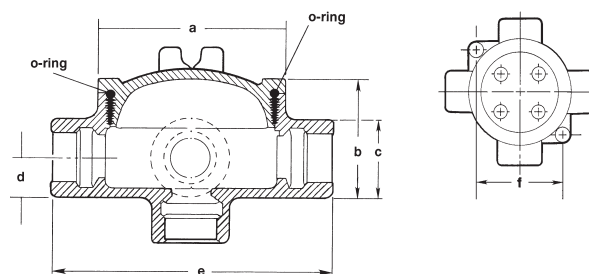
Description	Cat. #
Replacement o-ring	GASK1151

Fixture cover Union hub type



Cover opening dia.	Fixt. stem size	Cat. #
3"	¾"	EAB0687 ^A

Dimensions (in inches):



Cat. #	a	b	c	d	e	f
16	¾	2 ¹⁷ / ₃₂	1½	¾	5 ⁵ / ₁₆	3 ³ / ₃₂
26	¾	2 ²⁵ / ₃₂	1¾	7 ⁷ / ₈	5 ⁹ / ₁₆	3 ³ / ₃₂
36	¾	2 ²⁵ / ₃₂	1¾	7 ⁷ / ₈	5 ⁹ / ₁₆	3 ³ / ₃₂

^AEAB0687 is listed for Groups C and D only.