

Condulet® EAB Series Conduit Outlet Boxes with Covers

Cl. I, Div. 1 & 2, Groups A, B, C, D
Cl. II, Div. 1, Groups E, F, G
Cl. II, Div. 2, Groups F, G
Cl. III
NEMA 3, 4, 7ABCD, 9EFG

Explosionproof
Dust-ignitionproof
Raintight
Wet Locations

3F

Applications:

EAB Series 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 Series Conduit Outlet Boxes have:

- Five 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
- Four standard mounting pads, except for EABY
- 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, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

UL Standard:

- UL1203

CSA Standard:

- C22.2 No. 30

Standard Materials:

- Bodies – Feraloy® iron alloy
- Covers – Copper-free aluminum

Standard Finishes:

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

Size Ranges:

- Hub – 1/2" to 1"
- Cover opening – 3" diameter

A Available in copper-free aluminum. To order, add suffix 'SA' to end of catalog number.

B EAB0687 is listed for Groups C and D only.

Options:

Description

Suffix

- Bodies – copper-free aluminum **SA**
- Covers – Feraloy iron alloy..... **WOD**
Electrogalvanized and aluminum acrylic paint finish
- Corro-free™ epoxy powder coat..... **S752**

Ordering Information:

EABC



Hub Size	Cat. #
1/2"	EABC16 ^A
3/4"	EABC26 ^A
1"	EABC36 ^A

EABT



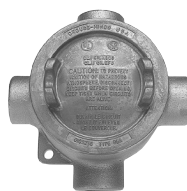
Hub Size	Cat. #
1/2"	EABT16 ^A
3/4"	EABT26 ^A
1"	EABT36 ^A

EABL



Hub Size	Cat. #
1/2"	EABL16 ^A
3/4"	EABL26 ^A
1"	EABL36 ^A

EABX



Hub Size	Cat. #
1/2"	EABX16 ^A
3/4"	EABX26 ^A
1"	EABX36 ^A

EABY



Hub Size	Cat. #
1/2"	EABY16
3/4"	EABY26

Replacement Cover

Size	Cat. #
3"	EAB06

Replacement O-ring Gasket

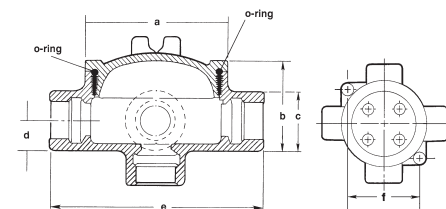
Description	Cat. #
Replacement O-ring	GASK1151

Fixture Cover Union Hub Type



Cover Opening Dia.	Fixt. Stem Size	Cat. #
3"	3/4"	EAB0687 ^B

Dimensions (in Inches):



Cat. #	a	b	c	d	e	f
16	3 ³ / ₄	2 ¹⁷ / ₃₂	1 ¹ / ₂	3/4	5 ⁹ / ₁₆	3 ³ / ₃₂
26	3 ³ / ₄	2 ²⁵ / ₃₂	1 ³ / ₄	7/8	5 ⁹ / ₁₆	3 ⁷ / ₃₂
36	3 ³ / ₄	2 ²⁵ / ₃₂	1 ³ / ₄	7/8	5 ⁹ / ₁₆	3 ⁷ / ₃₂

Factory Installed Terminal Block Ordering Guide

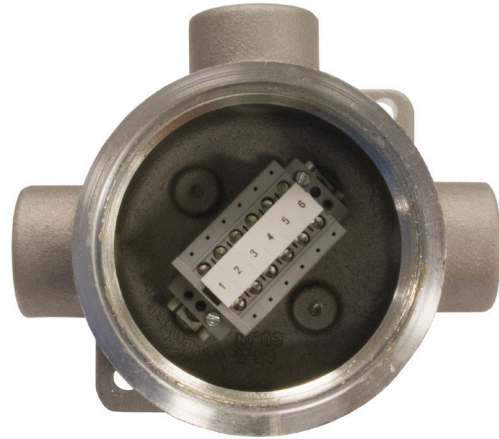
Ordering Information:

DIN Rail Mounted Terminal Blocks

Electrical Specifications:

30 Amp, 150V, AWG 26-10

Cat. #	Description
DIN12	DIN Rail Mounted, 2 Terminal Blocks EAB (Shapes C, X, T, L) Form 6 Cover Dia. Opening
DIN13	DIN Rail Mounted, 3 Terminal Blocks EAB (Shapes C, X, T, L) Form 6 Cover Dia. Opening
DIN14	DIN Rail Mounted, 4 Terminal Blocks EAB (Shapes C, X, T, L) Form 6 Cover Dia. Opening

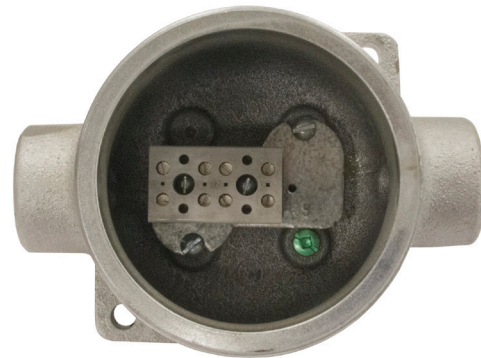


Direct Mounted Terminal Blocks

Electrical Specifications:

30 Amp, 300V, AWG 26-10

Cat. #	Description
TB14	Direct Mounted Terminal Block, 4 Terminal Blocks EAB (Shapes C, X, T, L) Form 6 Cover Dia. Opening
TB16	Direct Mounted Terminal Block, 6 Terminal Blocks EAB (Shapes C, X, T, L) Form 6 Cover Dia. Opening



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- Class III

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- UL1203

CSA Standard:

- C22.2 No. 30

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Description

Suffix

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- Covers – Feraloy iron alloy..... **WOD**
Electrogalvanized and aluminum acrylic paint finish
- Corro-free™ epoxy powder coat..... **S752**

Ordering Information:

EABC



Hub Size	Cat. #
1/2"	EABC16 ^A
3/4"	EABC26 ^A
1"	EABC36 ^A

EABT



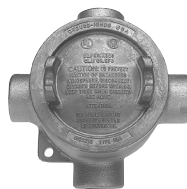
Hub Size	Cat. #
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3/4"	EABT26 ^A
1"	EABT36 ^A

EABL



Hub Size	Cat. #
1/2"	EABL16 ^A
3/4"	EABL26 ^A
1"	EABL36 ^A

EABX



Hub Size	Cat. #
1/2"	EABX16 ^A
3/4"	EABX26 ^A
1"	EABX36 ^A

EABY



Hub Size	Cat. #
1/2"	EABY16
3/4"	EABY26

Replacement Cover

Size	Cat. #
3"	EAB06

Replacement O-ring Gasket

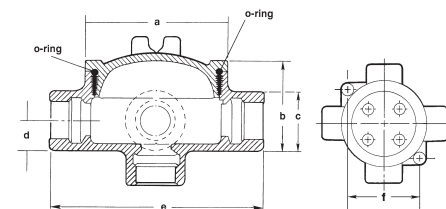
Description	Cat. #
Replacement O-ring	GASK1151

Fixture Cover Union Hub Type



Cover Opening Dia.	Fixt. Stem Size	Cat. #
3"	3/4"	EAB0687 ^B

Dimensions (in Inches):



Cat. #	a	b	c	d	e	f
16	3 3/4	2 17/32	1 1/2	3/4	5 9/16	3 3/32
26	3 3/4	2 25/32	1 3/4	7/8	5 9/16	3 3/32
36	3 3/4	2 25/32	1 3/4	7/8	5 9/16	3 3/32

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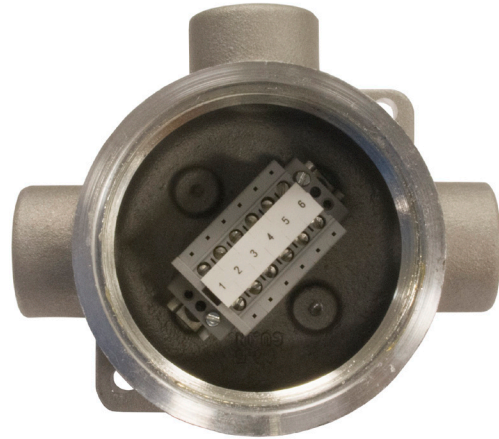
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