Condulet EAB 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

Applications:

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

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

Ⓑ 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. #
½"	EABC16Ⓐ
¾"	EABC26Ⓐ
1"	EABC36Ⓐ

EABT

Hub size	Cat. #
½"	EABT16Ⓐ
¾"	EABT26Ⓐ
1"	EABT36Ⓐ

EABL

Hub size	Cat. #
½"	EABL16Ⓐ
¾"	EABL26Ⓐ
1"	EABL36Ⓐ

EABX

Hub size	Cat. #
½"	EABX16Ⓐ
¾"	EABX26Ⓐ
1"	EABX36Ⓐ

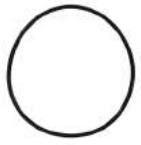
EABY

Hub size	Cat. #
½"	EABY16
¾"	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"	¾"	EAB0687Ⓑ

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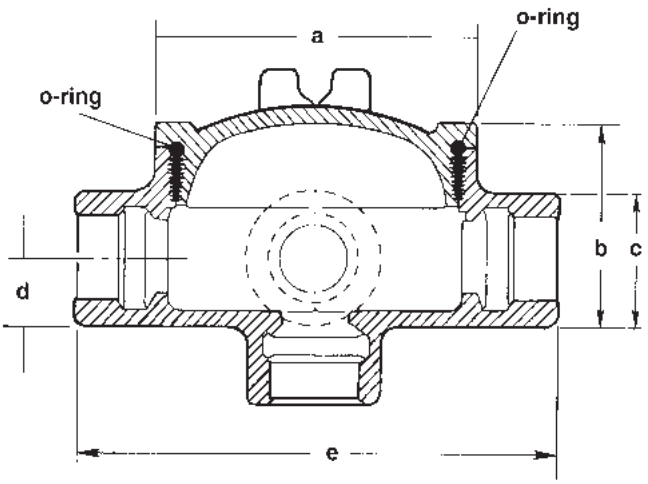
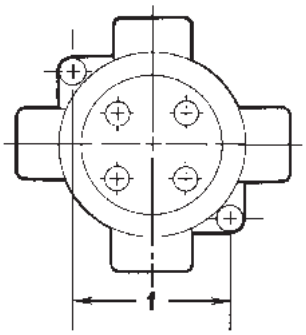
Condulet EAB conduit outlet boxes

Dimensions (in inches):





Cat. #	a	b	c	d	e	f
16	3 3/4	2 17/32	1 1/2	3/4	5 5/16	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

Ordering information – factory installed terminal block ordering guide:

DIN rail mounted terminal blocks

Electrical specifications:
30A, 150V, AWG 26-10

Cat. #	Description
DIN12	DIN rail mounted, 2 terminal blocks EAB (shapes C, X, T, L) Form 6 cover diameter opening
DIN13	DIN rail mounted, 3 terminal blocks EAB (shapes C, X, T, L) Form 6 cover diameter opening
DIN14	DIN rail mounted, 4 terminal blocks EAB (shapes C, X, T, L) Form 6 cover diameter opening

Direct mounted terminal blocks

Electrical specifications:
30A, 300V, AWG 26-10

Cat. #	Description
TB14	Direct mounted terminal block, 4 terminal blocks EAB (shapes C, X, T, L) Form 6 cover diameter opening
TB16	Direct mounted terminal block, 6 terminal blocks EAB (shapes C, X, T, L) Form 6 cover diameter opening

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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

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	Suffix
• Corro-free epoxy powder coat.....	**S752**

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**

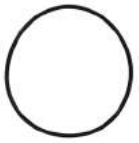
Size ranges:

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

Replacement cover

Size	Cat. #
3"	**EAB06**

Replacement o-ring gasket



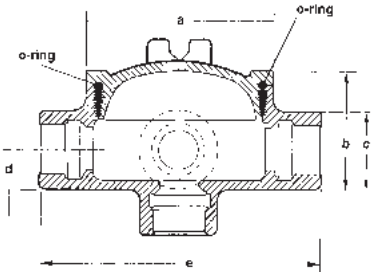
Description	Cat. #
Replacement o-ring	**GASK1151**

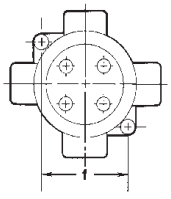
Fixture cover

Union hub type

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

Dimensions (in inches):





Cat. #	a	b	c	d	e	f
16	3 3/4	2 17/32	1 1/2	3/4	5 5/16	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

Ⓐ EAB0687 is listed for Groups C and D only.

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Condulet EAJ conduit outlet boxes with covers

Cl. I, Div. 1 & 2, Groups A[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

Applications:

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

- 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
- Act as mounting outlets for fixtures (with appropriate covers)
- Act as sealing fittings (with appropriate covers)

Features:

EAJ conduit outlet boxes have:

- Water shedding cover – suitable for wet locations when mounted in upright position
- External cover threads on body, protecting conductors from damage during pulling
- No pinching of conductors during cover installation
- Six different hub arrangements
- Taper threaded hubs to provide ground continuity
- Smooth integral hub bushing to protect conductor insulation when pulling
- Internally threaded cover openings for additional wiring room
- Flat overlapping threaded covers furnished with boxes
- Weather-resistant finish
- Internal green ground screw #10
- Four standard mounting pads (EAJB has three)

Certifications and compliances:

NEC/CEC:

- Class I, Divisions 1 & 2, Groups A[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:

- Body – Feraloy iron alloy
- Cover – copper-free aluminum

Standard finishes:

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

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**

Size ranges:

- Hub – ½″ to 2″
- Cover opening – 3 3/16″ to 5″ diameter

Ordering information:

EAJB

Cover opening dia.	Hub size	Cat. #
3 3/16″	½″	EAJB16
3 3/16″	¾″	EAJB26[B]
3 3/16″	1″	EAJB36[B]

EAJC

Cover opening dia.	Hub size	Cat. #
3 3/16″	½″	EAJC16[B]
3 3/16″	¾″	EAJC26[B]
3 3/16″	1″	EAJC36[B]

EAJD

Cover opening dia.	Hub size	Cat. #
3 3/16″	½″	EAJD16
3 3/16″	¾″	EAJD26[B]
3 3/16″	1″	EAJD36[B]

EAJL

Cover opening dia.	Hub size	Cat. #
3 3/16″	½″	EAJL16[B]
3 3/16″	¾″	EAJL26[B]
3 3/16″	1″	EAJL36[B]

EAJT

Cover opening dia.	Hub size	Cat. #
3 3/16″	½″	EAJT16[B]
3 3/16″	¾″	EAJT26[B]
3 3/16″	1″	EAJT36[B]
5″	1 1/4″	EAJT49[A][B]
5″	1 1/2″	EAJT59[A][B]
5″	2″	EAJT69[A][B]

EAJX

Cover opening dia.	Hub size	Cat. #
3 3/16″	½″	EAJX16[B]
3 3/16″	¾″	EAJX26[B]
3 3/16″	1″	EAJX36[B]

EAJ threaded covers

Flat covers

Cover opening dia.	Cat. #
3 3/16″	EAJ06
5″	EAJ09

Dome covers

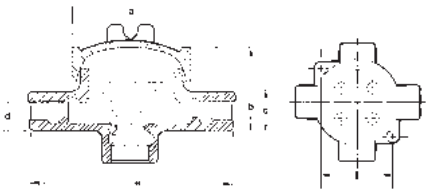
Cover opening dia.	Depth	Cat. #
3 3/16″	2″	EAJ0612

Fixture covers

Union hub type

Cover opening dia.	Fixt. stem size	Cat. #
3 3/16″	¾″	EAJ0687[C]

Dimensions (in inches):



Cat. #	a	b	c	d	e	f
16	3 3/4	2 17/32	1 1/2	3/4	5 5/16	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
49	5 3/4	4 1/16	2 3/16	1 3/32	7 5/16	4 3/4
59	5 3/4	4 1/16	3	1 1/2	7 13/16	4 3/4
69	5 3/4	4 1/16	3	1 1/2	7 13/16	4 3/4

[A] Form 9 products with 5″ cover opening are not suitable for Group A.

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

[C] EAJ0687 is listed for Groups C and D only.

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Condulet EAJ conduit outlet boxes

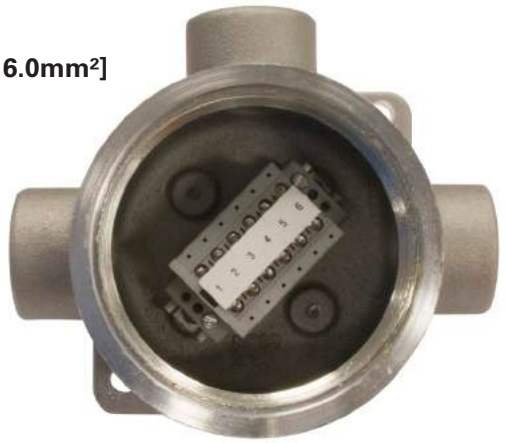
Factory installed terminal block ordering guide

Ordering information:

DIN rail mounted terminal blocks

Electrical specifications:
30A (nominal), 300V (nominal), 24AWG -10AWG [0.2mm² – 6.0mm²]

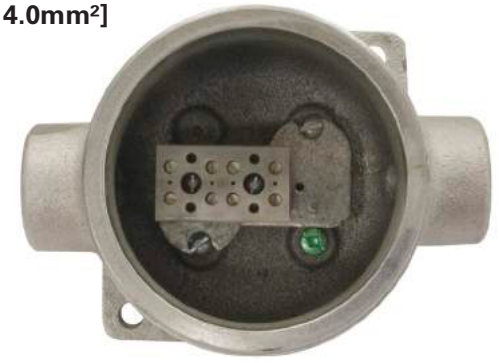
Cat. #	Description
DIN12	DIN rail mounted, 2 terminal blocks EAJ (shapes X, C, L, T) Form 6 & 9 cover diameter openings
DIN13	DIN rail mounted, 3 terminal blocks EAJ (shapes X, C, L, T) Form 6 & 9 cover diameter openings
DIN14	DIN rail mounted, 4 terminal blocks EAJ (shapes X, C, L, T) Form 6 & 9 cover diameter openings
DIN16	DIN rail mounted, 6 terminal blocks EAJ (shapes X, C, L, T) Form 6 & 9 cover diameter opening
DIN18	DIN rail mounted, 8 terminal blocks EAJ (shape T) Form 9 cover diameter opening
DIN112	DIN rail mounted, 12 terminal blocks EAJ (shape T) Form 9 cover diameter opening



Direct mounted terminal blocks

Electrical specifications:
30A (nominal), 300V (nominal), 26AWG - 10AWG [0.2mm² – 4.0mm²]

Cat. #	Description
TB14	Direct mounted terminal block, 4 terminal blocks EAJ (shapes X, C, L, T) Form 6 & 9 cover diameter openings
TB16	Direct mounted terminal block, 6 terminal blocks EAJ (shapes X, C, L, T) Form 6 & 9 cover diameter openings
TB18	Direct mounted terminal block, 8 terminal blocks EAJ (shape T) Form 9 cover diameter opening
TB112	Direct mounted terminal block, 12 terminal blocks EAJ (shape T) Form 9 cover diameter opening



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