ACB series

ACB SERIES – STEEL & MALLEABLE IRON

Applications:

- ACB Series Connectors are used to connect armoured cable, metal-clad cable or flexible metallic conduit to a box or enclosure

Features:

- Dual gripping saddle design on the connector safely secures cable or conduit in place and prevents loosening from vibration
- Insulated throat provides a smooth pulling surface that won't strip cable
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration
- Tri-head set screw may be installed using a slotted, Phillips or Robertson head screwdriver
- Steel connector is zinc electroplated for corrosion resistance

Listed for use with:

- Flexible Metal Conduit (RWFMC): 3/8" - 4"
- Armoured cable (AC): 3/8" - 1 1/4"
- MC cable (MC): 3/8" - 3"
- MCI-A cable (MCI-A): 3/8" - 1 1/4"

Certifications and compliances:

- UL Listed
- cUL Listed
- UL File No. E-19188

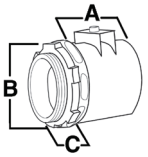
Standard materials and finishes:

- Body – straight: steel, zinc electroplated
- Body – 45° and 90°: malleable, zinc electroplated
- Saddle – steel, zinc electroplated
- Screw – steel, zinc electroplated
- Insulated throat – thermoplastic, natural



Straight connectors

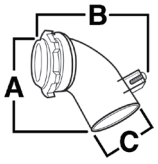




Cat. #	Trade size	Cable opening Max.	Cable opening Min.	Unit qty.	Dimensions A	Dimensions B	Dimensions C
ACB38	3/8"	0.660	0.400	50	1 3/16"	1 1/4"	1/2"
ACB50	1/2"	0.920	0.520	25	1 3/8"	1 1/4"	7/16"
ACB75	3/4"	1.110	0.680	10	1 3/8"	1 7/16"	7/16"
ACB100	1"	1.380	0.880	5	1 9/16"	1 13/16"	1/2"
ACB125	1 1/4"	1.635	1.150	5	2 3/16"	2 1/8"	5/8"
ACB150	1 1/2"	1.950	1.490	5	2 7/16"	2 1/2"	5/8"
ACB200	2"	2.450	1.765	1	2 9/16"	3"	5/8"
ACB250	2 1/2"	3.060	2.270	1	2 11/16"	3 5/8"	13/16"
ACB300	3"	3.560	3.160	1	2 13/16"	4 1/4"	15/16"
ACB350	3 1/2"	4.060	3.860	1	2 15/16"	3 3/4"	1"
ACB400	4"	4.560	4.360	1	3"	5 3/16"	1 1/16"

45° connectors

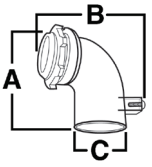




Cat. #	Trade size	Cable opening Max.	Cable opening Min.	Unit qty.	Dimensions A	Dimensions B	Dimensions C
ACB3845	3/8"	0.660	0.400	50	1 13/16"	1 13/16"	15/16"
ACB5045	1/2"	0.920	0.520	25	2 1/8"	2 1/8"	1 1/4"
ACB7545	3/4"	1.110	0.680	10	2 3/8"	2 3/8"	1 7/16"

90° connectors





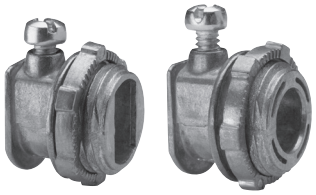
Cat. #	Trade size	Cable opening Max.	Cable opening Min.	Unit qty.	Dimensions A	Dimensions B	Dimensions C
ACB3890	3/8"	0.660	0.400	50	1 3/4"	2 1/16"	1"
ACB5090	1/2"	0.920	0.520	25	2 1/8"	2 1/4"	1 1/4"
ACB7590	3/4"	1.110	0.680	10	2 1/2"	2 1/2"	1 3/8"
ACB10090	1"	1.380	0.880	5	2 13/16"	2 1/8"	1 11/16"

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Set screw & duplex type – zinc die cast & malleable iron

SET SCREW TYPE – ZINC DIE CAST

UL File No. E-19188

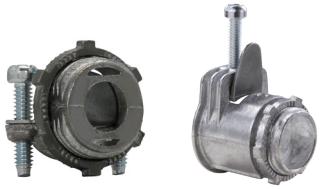


BX38 BX38R

Cat. #	Trade size	Desc.	Cable opening Max.	Cable opening Min.	Unit qty.	Wt. lbs. per 100
BX38	3/8"	Oval	0.610	0.469	50	5
BX38R	3/8"	Round	0.600	0.460	50	5

SET SCREW TYPE – ZINC DIE CAST

UL File Nos. E-19188, E-19189

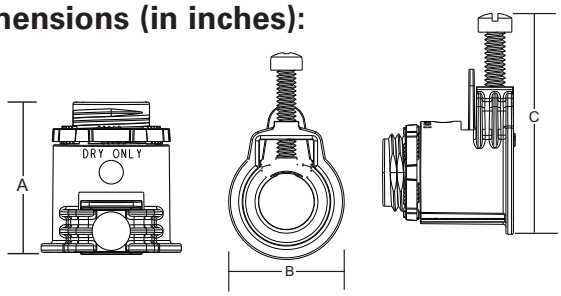


ACMF38 ACB38DC

Cat. #	Trade size	Cable opening Max.	Cable opening Min.	Unit qty.	Wt. Lbs. Per 100
ACMF38❶Ⓘ	3/8"	0.610	0.469	100	25
ACB38DC❷❶Ⓘ	3/8"	0.610	0.469	50	9
ACB50DC❷❶Ⓘ	1/2"	0.610	0.469	25	10
ACB75DC	3/4"	0.986❸	0.819❸	20	13
ACB100DC	1"	1.130❸	1.130❸	10	17

❷UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).
MCAP™ is a registered trademark of Southwire Company.
❸Tested with AC cable only.
❶UL approved for use with MC-PCS cable.
ⒾUL approved for use with HCF MCI-A cable.

Dimensions (in inches):



Cat. #	A	B	C
ACB38DC	0.969	1.094	1.828
ACB50DC	1.377	1.299	2.322
ACB75DC	1.464	1.476	2.559
ACB100DC	1.699	1.759	3.267

DUPLEX TYPE° – ZINC DIE CAST

UL File No. E-19188



Cat. #	Trade size	Dia. of opening for cable	Dia. of bushed hole	Unit qty.	Wt. lbs. per 100
2699❷❹❶Ⓘ	3/8"	5/8"	9/16"	25	13

❷UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™). MCAP™ is a registered trademark of Southwire company.
❹UL Listed as grounding means.
❶UL approved for use with MC-PCS cable.
ⒾUL approved for use with HCF MCI-A cable.

SET SCREW TYPE – MALLEABLE IRON

UL File No. E-19188



Cat. #	Trade size	Dia. of opening for cable	Dia. of bushed hole	Unit qty.	Wt. lbs. per 100
702V	3/8"	5/8"	7/16"	100	7
		For 2 conductor Nos. 14, 12 3 conductor Nos. 14, 12 4 conductor No. 14, 5/16" flex			

DUPLEX TYPE – MALLEABLE IRON

UL File No. E-19188



Cat. #	Trade size	Dia. of opening for cable	Dia. of bushed hole	Unit qty.	Wt. lbs. per 100
Straight					
699❹	3/8"	5/8"	9/16"	25	20
90 Degree					
700❹	3/8"	5/8"	9/16"	25	14

❹UL Listed as grounding means.

AC/MC fittings

Clamp type – malleable iron

CLAMP TYPE 45° ANGLE – MALLEABLE IRON

Features:

- Male hub threads – NPSM

Standard materials:

- Body – malleable iron
- Locknut – steel
- Covers – stamped steel

Standard finish:

- Zinc plated

Clamp type 45° angle – non-insulated

UL File No. E-19188 or E-19189



Cat. #	Trade size	Dia. of opening for cable	Dia. of bushed hole	Unit qty.	Wt. lbs. per 100
723	3/8"	21/32"	17/32"	50	14
		For 2 conductor Nos. 14, 12, 10 3 conductor Nos. 14, 12, 10 4 conductor Nos. 14, 12 Flexible metallic conduit 5/16" and 3/8"			
735	1/2"	15/16"	9/16"	25	18
		For 2 conductor No. 8 Flexible metallic conduit 1/2"			
737	3/4"	1 1/8"	25/32"	25	24
		For 2 conductor Nos. 6, 4 3 conductor Nos. 6, 4 Flexible metallic conduit 3/4"			

Clamp type 45° angle – insulated

UL File No. E-19188 or E-19189



Cat. #	Trade size	Dia. of opening for cable	Dia. of bushed hole	Unit qty.	Wt. lbs. per 100
1723	3/8"	21/32"	17/32"	50	14
1735	1/2"	15/16"	9/16"	25	17
1737	3/4"	1 1/8"	25/32"	25	24

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