
CATALOG

Steel City®

Rigid fittings and accessories

Steel City®



Table of contents

004	Overview
005–007	Connectors and couplings
008–009	Hubs, nipples and locknuts
010–011	Conduit bushings
012–014	Reducers, straps and spacers
015–024	Conduit bodies and covers
025–026	Mogul pulling elbows/ service entrance bodies and aluminum mogul pulling elbows
027–028	Zinc concrete slab inserts, elbows and plugs and threaded rigid/IMC conduit inserts
029–032	Index

Overview

Steel City® fittings

Steel City conduit fittings provide long-lasting service in industrial construction.

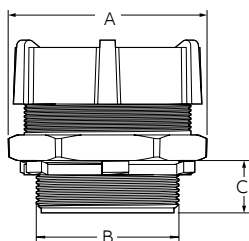
Our fittings are manufactured within strict tolerances to maintain consistent performance. Installers can be assured that every fitting with the Steel City name will work every time. So when you select Steel City conduit fittings, that means fewer headaches and call-backs.

Steel City products symbolize the highest quality standards in manufacturing and innovative design, with one of the most complete offerings available. Contact an ABB distributor nearest you to select the right Steel City product for your requirements.



Connectors and couplings

Threadless compression connectors and couplings

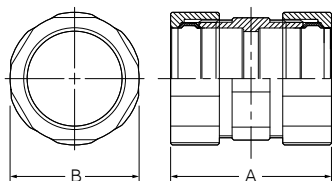


Threadless compression connectors — iron/zinc plated



Cat. no.	Conduit size (in.)	A flat-to-flat (in.)	B (O.D.) (in.)	C (in.)
HC401	1/2	1.23	1/2	0.41
HC402	3/4	1.36	3/4	0.45
HC403	1	1.69	1	0.44
HC404	1 1/4	2.15	1 1/4	0.56
HC405	1 1/2	2.40	1 1/2	0.59
HC406	2	2.88	2	0.81
HC407	2 1/2	3.83	2 1/2	1.00
HC408	3	4.31	3	1.22
HC409	3 1/2	4.81	3 1/2	1.23
HC410	4	5.31	4	1.23

Suggested use — rigid conduit only.
UL File No. E-23018 — 1/2"-1 1/4".



Threadless compression couplings — iron/zinc plated

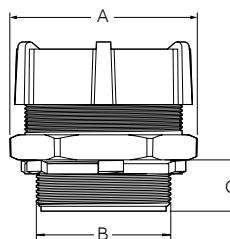


Cat. no.	Conduit size (in.)	Length A (in.)	Width B (in.)
HK401	1/2	1.781	1.125
HK402	3/4	1.969	1.375
HK403	1	2.125	1.688
HK404	1 1/4	2.578	2.156
HK405	1 1/2	2.718	2.359
HK406	2	3.000	2.750
HK407	2 1/2	6.250	4.125
HK408	3	6.250	4.500
HK409	3 1/2	6.170	5.500
HK410	4	6.420	5.938

Suggested use — rigid conduit only.
UL File No. E-23018 — 1/2"-1 1/4".

Features and benefits:

- Heavy-duty iron bodies
- High-temp nylon insulation for pull-through protection
- Zinc-plated steel locknuts
- Concrete-tight



Compression connectors, insulated — iron/zinc plated

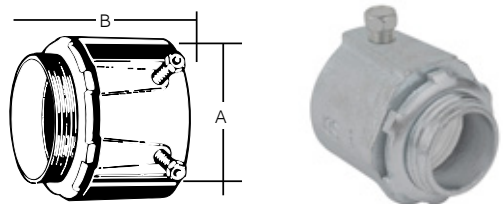


Cat. no.	Conduit trade size (in.)	A flat-to-flat (in.)	B (O.D.) (in.)	C (in.)
HCB401	1/2	1.23	1/2	0.41
HCB402	3/4	1.36	3/4	0.45
HCB403	1	1.69	1	0.44
HCB404	1 1/4	2.15	1 1/4	0.56
HCB405	1 1/2	2.40	1 1/2	0.59
HCB406	2	2.88	2	0.81
HCB407	2 1/2	3.83	2 1/2	1.00
HCB408	3	4.31	3	1.22
HCB409	3 1/2	4.81	3 1/2	1.23
HCB410	4	5.31	4	1.23

Note: Product must be installed in accordance with applicable national and local electrical codes.

Connectors and couplings

Set-screw connectors



Set-screw connectors — iron/zinc plated

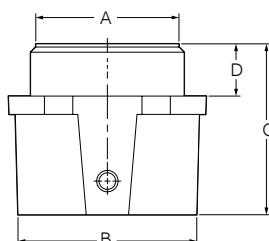


Cat. no.	Conduit size (in.)	Dimensions (in.)	
		A	B
HC101	1/2	1 1/8	1 1/8
HC102	3/4	1 3/8	1 1/2
HC103	1	5/8	1 13/16
HC104	1 1/4	2	2
HC105	1 1/2	2 1/2	2 3/8
HC106	2	2 3/4	2 3/8
HC107	2 1/2	3 13/32	3 5/16
HC108	3	4 1/32	3 7/16
HC109	3 1/2	4 9/16	3 13/16
HC110	4	5 3/32	4 3/32

One set screw or two. Two set screws starting at 2" trade size.

Suggested use — rigid conduit only.

UL File No. E-23018 — 1/2"-1 1/4".



Set-screw connectors, insulated — iron/zinc plated

Cat. no.	Conduit trade size (in.)	A (O.D.) (in.)	B (O.D.) (in.)	C (in.)	D (in.)
HCB101	1/2	1/2	1.18	1.15	0.53
HCB102	3/4	3/4	1.38	1.66	0.53
HCB103	1	1	1.61	1.97	0.56
HCB104	1 1/4	1 1/4	1.94	2.17	0.69
HCB105	1 1/2	1 1/2	2.25	2.46	0.71
HCB106	2	2	2.72	2.56	0.75
HCB107	2 1/2	2 1/2	3.21	3.13	1.02
HCB108	3	3	3.89	3.37	1.02
HCB109	3 1/2	3 1/2	4.37	3.75	1.02
HCB110	4	4	4.91	4.07	1.14

Note: Product must be installed in accordance with applicable national and local electrical codes.

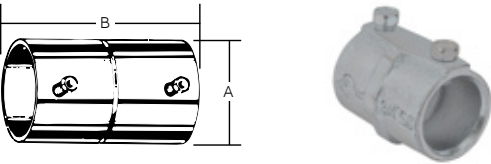
Features and benefits:

- Heavy-duty iron bodies
- High-temp nylon insulation for pull-through protection
- Zinc-plated steel locknuts
- Concrete-tight

Connectors and couplings

Set-screw and three-piece couplings

Set-screw couplings

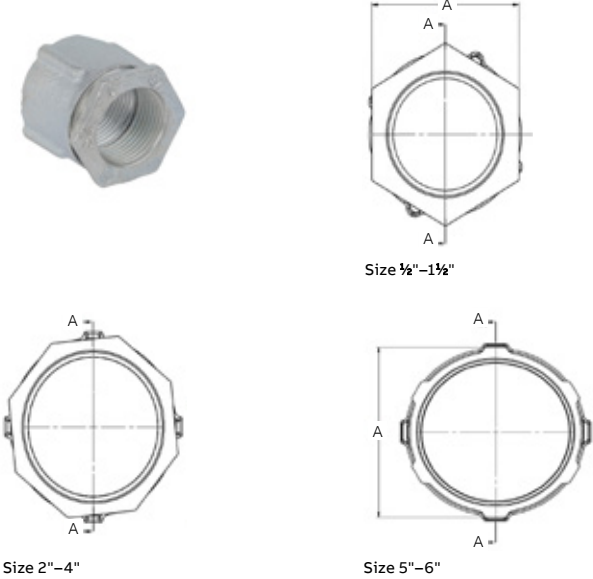


Set-screw couplings — iron (concrete tight when taped)/zinc plated 

Cat. no.	Conduit size (in.)	Dimensions (in.)	
		A	B
HK101	1/2	1 1/8	2 13/32
HK102	3/4	1 3/8	2 17/32
HK103	1	5/8	2 11/16
HK104	1 1/4	2	2 25/32
HK105	1 1/2	2 1/4	3 11/64
HK106	2	2 3/4	3 13/32
HK107	2 1/2	3 7/16	3 29/32
HK108	3	4 1/16	4 5/32
HK109	3 1/2	4 9/16	4 7/8
HK110	4	5 1/16	5 3/8

Two set screws starting at 2".
UL File No. E-23018.

Three-piece couplings



Size 2"-4"

Size 5"-6"

Three-piece couplings — iron/zinc plated



Cat. no.	Trade size (in.)	A (in.)
EK401	1/2	1.19 (hexagonal)
EK402	3/4	1.38 (hexagonal)
EK403	1	1.71 (hexagonal)
EK404	1 1/4	2.09 (hexagonal)
EK405	1 1/2	2.53 (hexagonal)
EK406	2	3.00 (octagonal)
EK407	2 1/2	3.55 (octagonal)
EK408	3	4.20 (octagonal)
EK409	3 1/2	4.65 (octagonal)
EK410	4	5.43 (octagonal)
EK411	5	6.59
EK412	6	7.77

Hubs, nipples and locknuts

Conduit hubs and nipples

Steel City® hub



Features and benefits:

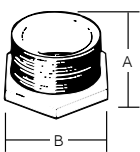
- Suitable for wet locations
- Die-cast zinc hub with insulated throat and sealing ring for exceptional performance

Steel City hub



Cat. No.	Trade Size (in.)	Dimensions (in.)	
		A	B
HUB050-SC	1/2	1.39	1.41
HUB075-SC	3/4	1.54	1.65
HUB100-SC	1	1.76	1.94
HUB125-SC	1 1/4	1.70	2.40
HUB150-SC	1 1/2	1.78	2.69
HUB200-SC	2	1.77	3.17
HUB250-SC	2 1/2	2.57	3.68
HUB300-SC	3	2.56	4.32
HUB350-SC	3 1/2	2.56	4.94
HUB400-SC	4	2.48	5.42

UL File No. E-23018



Conduit nipples — iron/zinc plated



Cat. no.	Conduit size (in.)	Dimensions (in.)	
		A	B
841-TB	3/8	9/16	1 1/16
HA-401	1/2	33/64	15/16
HA-402	3/4	43/64	1 3/16
HA-403	1	7/8	1 7/16
HA404	1 1/4	1 1/8	1 3/4
HA405	1 1/2	1 1/8	2 1/16
HA406	2	1 7/16	2 9/16
HA407	2 1/2	1 1/4	3
HA408	3	1 1/2	3 7/8
HA409	3 1/2	1 3/4	4 3/8
HA410	4	—	—

UL File No. E16592.

Steel City® grounding hub



Features and benefits:

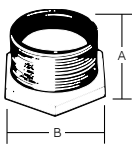
- Suitable for wet locations

Steel City grounding hub



Cat. No.	Trade Size (in.)	Dimensions (in.)	
		A	B
HUB050GR-SC	1/2	1.39	1.41
HUB075GR-SC	3/4	1.54	1.65
HUB100GR-SC	1	1.76	1.94
HUB125GR-SC	1 1/4	1.70	2.40
HUB150GR-SC	1 1/2	1.78	2.69
HUB200GR-SC	2	1.77	3.17
HUB250GR-SC	2 1/2	2.57	3.68
HUB300GR-SC	3	2.56	4.32
HUB350GR-SC	3 1/2	2.56	4.94
HUB400GR-SC	4	2.48	5.42

UL File No. E-3060



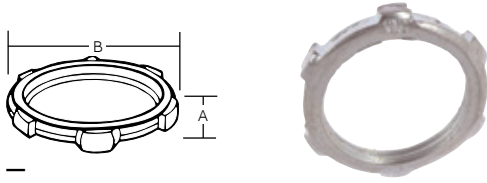
Conduit nipples — iron/zinc plated — insulated



Cat. no.	Conduit size (in.)	Dimensions (in.)	
		A	B
HA901	1/2	43/64	1 13/16
HA-902	3/4	13/16	1 7/32
HA-903	1	7/8	1 7/16
HA904	1 1/4	1 1/8	1 3/4
HA905	1 1/2	1 1/8	2 1/16
HA906	2	1 7/16	2 9/16

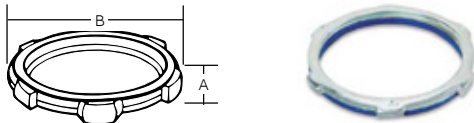
Hubs, nipples and locknuts

Locknuts



Locknuts — steel/zinc plated

Cat. no.	Conduit size (in.)	Dimensions (in.)	
		A	B
LN100SC	$\frac{3}{8}$	—	—
LN101SC	$\frac{1}{2}$	0.125	1.140
LN102	$\frac{3}{4}$	0.140	1.420
LN103	1	0.170	1.770
LN104	$1\frac{1}{4}$	0.170	2.281
LN105	$1\frac{1}{2}$	0.170	2.598
LN106	2	0.187	3.175
LN107	$2\frac{1}{2}$	0.375	3.562
LN108	3	0.375	4.250
LN109	$3\frac{1}{2}$	0.438	4.803
LN110	4	0.438	5.402
LN111	5	0.500	6.674
LN112	6	0.561	7.934



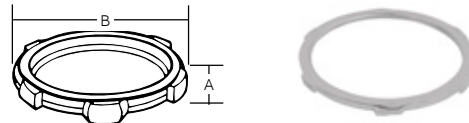
Sealing locknuts — steel/zinc plated

Cat. no.	Conduit size (in.)	Dimensions (in.)	
		A	B
LS101	$\frac{1}{2}$	0.26	1.12
LS102	$\frac{3}{4}$	0.27	1.37
LS103	1	0.28	1.75
LS104	$1\frac{1}{4}$	0.32	2.06
LS105	$1\frac{1}{2}$	0.32	2.37
LS106	2	0.32	2.87
LS107	$2\frac{1}{2}$	0.32	3.43
LS108	3	0.32	4.12
LS109	$3\frac{1}{2}$	0.32	4.62
LS110	4	0.32	5.18



Grounding locknuts — iron/zinc plated

Cat. no.	Conduit size (in.)	Dimensions (in.)	
		A	B
LG401	$\frac{1}{2}$	0.125	1.140
LG402	$\frac{3}{4}$	0.14	1.420
LG403	1	0.17	1.770
LG404	$1\frac{1}{4}$	0.17	2.281
LG405	$1\frac{1}{2}$	0.17	2.598
LG406	2	0.187	3.175
LG407	$2\frac{1}{2}$	0.375	3.562
LG408	3	0.375	4.250
LG409	$3\frac{1}{2}$	0.438	4.803
LG 410	4	0.438	5.402



Thin construction locknuts — steel/zinc plated

Cat. no.	Conduit size (in.)	Dimensions (in.)	
		A	B
SPLN107	$2\frac{1}{2}$	0.19	3.46
SPLN108	3	0.19	4.14
SPLN109	$3\frac{1}{2}$	0.19	4.70
SPLN110	4	0.19	5.26

Conduit bushings

Bushings



Grounding bushings, metallic — threaded insulated — iron/zinc plated



	Cat. no.	Conduit trade size (in.)	Dimensions (in.)					Wire range AWG Cu/Al
			Bushing diameter	Throat diameter	Lug length	Lug height	Bushing height	
	BG-901	1/2	1.13	0.59	1.06	0.78	0.56	14-4
	BG-902	3/4	1.4	0.78	1.06	0.78	0.56	14-4
	BG-903	1	1.75	1.00	1.06	0.78	0.66	14-4
	BG-904	1 1/4	2.12	1.31	1.06	0.78	0.66	14-4
	BG-904S	1 1/4	2.12	1.31	1.51	1.17	0.66	14-1/0
	BG-905	1 1/2	2.34	1.53	1.38	0.94	0.72	14-2
	BG-905S	1 1/2	2.34	1.53	1.51	1.17	0.72	14-1/0
	BG-906	2	2.73	1.96	1.38	0.94	0.72	14-2
	BG-906S	2	2.73	1.96	1.51	1.17	0.72	14-1/0
	BG-907	2 1/2	3.25	2.35	1.51	1.17	0.94	14-1/0
	BG-907S	2 1/2	3.25	2.35	2.2	1.51	0.94	6-250 MCM
	BG-907T	2 1/2	3.25	2.35	2.01	1.51	0.94	6-3/0
	BG-908	3	3.86	2.91	1.51	1.17	0.94	14-1/0
	BG-908S	3	3.86	2.91	2.2	1.51	0.94	6-250 MCM
	BG-908T	3	3.86	2.91	2.01	1.51	0.94	6-3/0
	BG-909	3 1/2	4.38	3.37	1.51	1.17	0.94	14-1/0
	BG-909S	3 1/2	4.38	3.37	2.2	1.51	0.94	6-250 MCM
	BG-909T	3 1/2	4.38	3.37	2.01	1.51	0.94	6-3/0
	BG-910	4	4.88	3.82	1.51	1.17	0.94	14-1/0
	BG-910S	4	4.88	3.82	2.2	1.51	0.94	6-250 MCM
	BG-910T	4	4.88	3.82	2.01	1.51	0.94	6-3/0
	BG-911	5	6	4.79	2.2	1.51	1.13	6-250 MCM
	BG-911T	5	6	4.79	2.01	1.51	1.13	6-3/0
	BG-912	6	7.12	5.76	2.2	1.51	1.13	6-250 MCM
	BG-912T	6	7.12	5.76	2.01	1.51	1.13	6-3/0

Note: Product must be installed in accordance with applicable national and local electrical code.



Insulated bushings — thermoplastic



Bushings — iron/zinc plated



	Cat. no.	Conduit size (in.)	Dimensions (in.)	
			A	B
	BU501	1/2	13/32	1 1/16
	BU502	3/4	13/32	1 19/64
	BU503	1	9/16	1 9/16
	BU504	1 1/4	9/16	1 29/32
	BU505	1 1/2	9/16	2 3/16
	BU506	2	5/8	2 1/16
	BU507	2 1/2	23/32	3 3/16
	BU508	3	9/16	3 27/32
	BU509	3 1/2	3/4	4 23/64
	BU510	4	25/32	4 27/32
	BU511	5	1	6 5/16
	BU512	6	1	7 1/16

	Cat. no.	Conduit size (in.)	Dimensions (in.)	
			A	B
	BU401	1/2	1 1/32	9/16
	BU402	3/4	1 1/4	9/16
	BU403	1	1 9/16	2 1/32
	BU404	1 1/4	1 15/16	2 1/32
	BU405	1 1/2	2 13/64	2 3/32
	BU406	2	2 45/64	2 3/32
	BU407	2 1/2	3 1/4	15/16
	BU408	3	3 7/8	15/16
	BU409	3 1/2	4 3/8	15/16
	BU410	4	4 7/8	15/16

UL File No. 23018.

Conduit bushings

Bushings

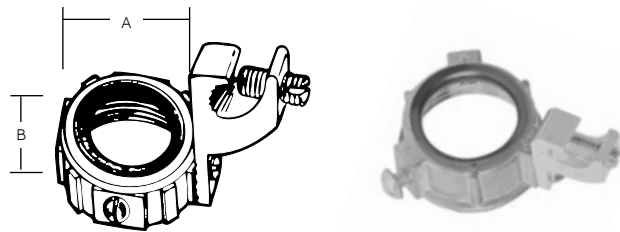


Insulated bushings — iron/zinc plated



	Cat. no.	Conduit size (in.)	Dimensions (in.)	
			A	B
	BI901	1/2	1 1/32	1/2
	BI902	3/4	1 1/4	1/2
	BI903	1	1 9/16	9/16
	BI904	1 1/4	1 15/16	19/32
	BI905	1 1/2	2 13/64	5/8
	BI906	2	2 45/64	5/8
	BI907	2 1/2	3 7/32	9/16
	BI908	3	3 27/32	9/16
	BI909	3 1/2	4 7/16	7/8
	BI910	4	4 31/32	2 9/32

UL File No. E-23018.



Insulated grounding bushings — die-cast-zinc



Cat. no.	Trade size (in.)	Grounding lug wire capacity	Dimensions (in.)	
			A	B
BG801L	1/2	#14-#4	1 1/32	1/2
BG802L	3/4	#14-#4	1 1/4	1/2
BG803L	1	#14-#4	1 9/16	9/16
BG804L	1 1/4	#14-#4	1 15/16	19/32
BG805L	1 1/2	#14-#2	2 13/64	5/8
BG806L	2	#14-#2	2 45/64	5/8
BG807L	2 1/2	#14-1/0	3 3/16	9/16
BG808L	3	#14-1/0	3 5/8	9/16
BG809L	3 1/2	#6-250 kcmil	4 1/16	7/8
BG810L	4	#6-250 kcmil	4 31/32	2 9/32

UL File No. E-3060.



Features and benefits:

- RB-121 thru RB-165 – steel
- RB-175 thru RB-187 – iron (concrete tight), zinc plated

Reducing bushings



	Cat. no.	Conduit size (in.)	Dimensions (in.)	
			A	B
	RB121	3/4 - 1/2	9/16	7/8
	RB131	1 - 1/2	5/8	1 1/8
	RB132	1 - 3/4	5/8	1 1/8
	RB141	1 1/4 - 1/2	11/16	1 7/16
	RB142	1 1/4 - 3/4	11/16	1 7/16
	RB143	1 1/4 - 1	11/16	1 7/16
	RB151	1 1/2 - 1/2	23/32	1 11/16
	RB152	1 1/2 - 3/4	23/32	1 11/16
	RB153	1 1/2 - 1	23/32	1 11/16
	RB154	1 1/2 - 1 1/4	23/32	1 11/16
	RB161	2 - 1/2	27/32	2 3/32
	RB162	2 - 3/4	27/32	2 3/32
	RB163	2 - 1	27/32	2 3/32
	RB164	2 - 1 1/4	27/32	2 3/32
	RB165	2 - 1 1/2	27/32	2 3/32
	RB175	2 1/2 - 1 1/2	7/8	2 13/16
	RB176	2 1/2 - 2	7/8	2 13/16
	RB186	3 - 2	29/32	2 7/16
	RB187	3 - 2 1/2	29/32	2 7/16

UL File No. E-23018.



Reducers — iron/zinc plated



	Cat. no.	Conduit size (in.)	Dimensions (in.)	
			A	B
	RB421	3/4 - 1/2	5/8	1 3/16
	RB432	1/2 - 3/4	1	1 3/16
	RB443	1 - 3/4	1 1/16	1 3/16

UL File No. E-23018.

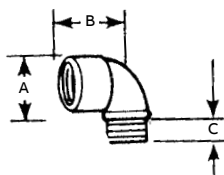
Reducers, straps and spacers

Short elbows and reducing washers

Short elbows

Features and benefits:

- For non-insulated applications
- Iron/zinc plated construction



Short elbows



Cat. no.	Conduit size (in.)	Dimensions (in.)		
		A	B	C
4250	1/2	1 5/16	1 1/4	7/16
4251	3/4	1 17/32	1 5/16	1/2
4252	1	1 13/16	1 9/16	5/8
4253	1 1/4	2 9/32	2 1/16	11/16
4254 -TB	1 1/2	2 9/16	2 3/16	11/16
4255 -TB	2	3 3/32	2 9/16	11/16

UL File #E-23018 CSA File No. 2884

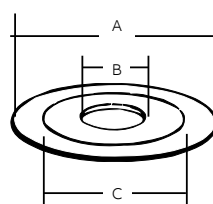
Reducing washers



Reducing washers — steel/zinc plated

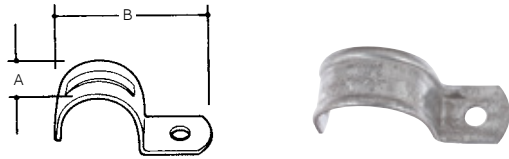


Cat. no.	Conduit size (in.)	Dimensions (in.)		
		A	B	C
WA110	1/2 - 3/8	1 3/16	11/16	27/32
WA121	3/4 - 1/2	1 1/2	7/8	1 1/16
WA131	1 - 1/2	1 3/4	7/8	1 5/16
WA132	1 - 3/4	1 3/4	1 3/32	1 5/16
WA141	1 1/4 - 1/2	2 3/16	7/8	1 11/16
WA142	1 1/4 - 3/4	2 3/16	1 3/32	1 11/16
WA143	1 1/4 - 1	2 3/16	1 23/64	1 11/16
WA151	1 1/2 - 1/2	2 5/8	7/8	1 7/8
WA152	1 1/2 - 3/4	2 5/8	1 3/32	1 7/8
WA153	1 1/2 - 1	2 5/8	1 23/64	1 7/8
WA154	1 1/2 - 1 1/4	2 5/8	1 23/64	1 7/8
WA161	2 - 1/2	3 1/4	7/8	2 3/8
WA162	2 - 3/4	3 1/4	1 3/32	2 3/8
WA163	2 - 1	3 1/4	1 23/64	2 3/8
WA164	2 - 1 1/4	3 1/4	1 23/32	2 3/8
WA165	2 - 1 1/2	3 1/4	1 31/32	2 3/8
WA171	2 1/2 - 1/2	3 1/4	7/8	2 7/8
WA172	2 1/2 - 3/4	3 1/4	1 3/32	2 7/8
WA173	2 1/2 - 1	3 1/4	1 23/64	2 7/8
WA174	2 1/2 - 1 1/4	3 1/4	1 23/32	2 7/8
WA175	2 1/2 - 1 1/2	3 1/4	1 31/32	2 7/8
WA176	2 1/2 - 2	3 1/4	2 7/16	2 7/8
WA181	3 - 1/2	4 1/2	7/8	3 1/2
WA182	3 - 3/4	4 1/2	1 23/32	3 1/2
WA183	3 - 1	4 1/2	1 23/64	3 1/2
WA184	3 - 1 1/4	4 1/2	1 23/32	3 1/2
WA185	3 - 1 1/2	4 1/2	1 31/32	3 1/2
WA186	3 - 2	4 1/2	2 7/16	3 1/2
WA187	3 - 2 1/2	4 1/2	2 5/16	3 1/2



Reducers, straps and spacers

Straps



One-hole straps — steel/zinc plated



Cat. no.	Screw size	Conduit size (in.)	Dimensions (in.)	
			A	B
HS100SC	10	3/8	3/4	1 ^{47/64}
HS101	1/4	1/2	1	1 ^{15/16}
HS102	1/4	3/4	1	2 ^{5/64}
HS103	1/4	1	1	2 ^{13/32}
HS104	5/16	1 1/4	1	3 ^{3/32}
HS105	3/8	1 1/2	1 3/16	3 ^{13/32}
HS106	3/8	2	1 3/16	3 ^{27/32}
HS107	7/16	2 1/2	1 1/4	5 ^{1/16}
HS108	1/2	3	1 3/8	5 ^{7/8}
HS109	1/2	3 1/2	1 3/8	6 ^{1/4}
HS110	1/2	4	1 3/8	6 ^{7/8}

Available in one-hole and two-hole in stainless steel.
Add SS suffix to catalog number for stainless steel.

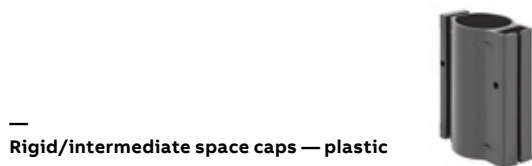


Two-hole straps — steel/zinc plated



Cat. no.	Screw size	Conduit size (in.)	Dimensions (in.)		
			A	B	C
HS901	8	1/2	3/4	2 ^{7/16}	3/16
HS902	10	3/4	3/4	2 ^{11/16}	3/16
HS903	1/4	1	3/4	3 ^{7/16}	3/16
HS904	1/4	1 1/4	3/4	3 ^{27/32}	3/16
HS905	1/4	1 1/2	3/4	4 ^{1/16}	3/16
HS906	1/4	2	3/4	4 ^{7/16}	3/16
HS907	1/4	2 1/2	1	5 ^{1/8}	1/4
HS908	1/2	3	1	6 ^{3/16}	1/4
HS909	1/4	3 1/2	1	7 ^{3/16}	1/4
HS910	1/4	4	1	8 ^{11/16}	1/4

CSA Certified. Add SS suffix to catalog number for stainless steel.



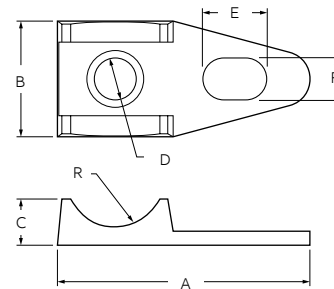
Rigid/intermediate space caps — plastic

Cat. no.	Conduit size (in.)	Dimensions (in.)	
		A	B
BR501	1/2	2 ^{15/32}	1 ^{21/32}
BR502	3/4	2 ^{15/32}	1 ^{55/64}
BR503	1	2 ^{15/32}	2 ^{1/8}
BR504	1 1/4	2 ^{15/32}	2 ^{61/64}
BR505	1 1/2	2 ^{15/32}	3 ^{13/64}



Pipe straps — iron/zinc plated

Cat. no.	Screw size	Conduit size (in.)	Dimensions (in.)	
			A	B
HS400	10	3/8	1 ^{11/16}	1 ^{17/32}
HS401	1/4	1/2	2 ^{1/64}	5/8
HS402	1/4	3/4	2 ^{7/16}	1 ^{3/16}
HS403	1/4	1	2 ^{7/8}	1 ^{5/16}
HS404SC	5/16	1 1/4	3 ^{5/16}	1 ^{1/32}
HS405	3/8	1 1/2	3 ^{3/4}	1 ^{1/8}
HS406	1/2	2	4 ^{19/32}	1 ^{5/16}
HS407	5/8	2 1/2	5 ^{11/16}	1 ^{5/8}
HS408	5/8	3	6 ^{7/8}	1 ^{7/8}
HS409	5/8	3 1/2	7 ^{23/32}	2 ^{1/8}
HS410	5/8	4	8 ^{9/16}	2 ^{3/8}
HS411	5/8	5	10 ^{9/32}	2 ^{5/8}



Clamp back, conduit strap spacer — iron/zinc plated



Cat. no.	Trade size	A	B	C	Ø D	E	F	R
CB401	1/2	2.30	1.05	0.42	0.39	0.59	0.39	0.43
CB402	3/4	2.44	1.17	0.45	0.45	0.66	0.42	0.53
CB403	1	3.02	1.27	0.50	0.38	0.72	0.52	0.67
CB404	1 1/4	3.53	1.59	0.55	0.59	0.73	0.50	0.84
CB405	1 1/2	3.91	1.61	0.60	0.56	0.94	0.56	0.96
CB406	2	4.80	1.95	0.96	0.56	0.86	0.58	1.20
CB407	2 1/2	5.42	2.50	0.78	0.58	1.25	0.61	1.45
CB408	3	6.75	2.67	0.86	0.52	1.21	0.59	1.77
CB409	3 1/2	7.43	2.89	1.06	0.60	1.43	0.75	2.02
CB4010	4	8.08	3.48	1.09	0.52	1.30	0.88	2.26

Note: Product must be installed in accordance with applicable national and local electrical codes.

Reducers, straps and spacers
Flange plates and snap-in blanks

Flange plates

Flange plates — iron/zinc plated



		Conduit size (in.)	Dia. A (in.)	Depth B (in.)
	Cat. no.			
	FP401	1/2	3	0.625
	FP402	3/4	3 3/8	0.656
	FP403	1	3 5/8	0.765
	FP404	1 1/4	4	0.875
	FP405	1 1/2	4 3/8	0.937
	FP406	2	4 7/8	0.843

Snap-in blanks

Snap-in blanks — steel/zinc plated



	Conduit size (in.)	Diameter (in.)
Cat. no.		
BL111	1/2	1 5/64
BL112	3/4	1 1/4
BL113	1	1 1/2
BL114	1 1/4	1 13/16
BL115	1 1/2	2 7/32
BL116	2	2 11/16

Conduit bodies and covers

Series 35



Application

Conduit bodies are installed in conduit systems to:

- Connect conduit sections
- Act as pull outlets when conductors are being installed
- Provide easy access for splices in branch conductors
- Make 90° bends in conduit runs
- Provide access to conductors for maintenance and future system changes

Features

- Standard features include tapered (NPT) threads and integral bushings to protect wire insulation
- T&B Fittings series 35 bodies and covers are interchangeable with other manufacturers' 35/5 series iron and steel bodies and covers
- To include cover and gasket, change M to MCG (up to 2")

Materials

- Body: Iron, electro zinc plated
- Covers: Iron, zinc-plated or stamped steel zinc-plated

Listings/compliances

- UL Standard: 514A,
- Fed. Spec: W-C-586D
- CSA Standard: C22.2 No. 18

Conduit bodies and covers

Series 35

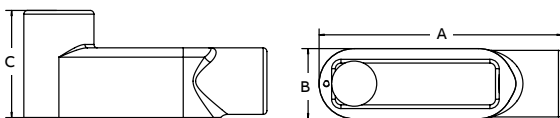


LB Series 35 conduit bodies



Cat. no.	Hub size (in.)	Dimensions (in.)			Cu. in.
		A	B	C	
LB50M	1/2	4.68	1.34	2.05	4.5
LB75M-TB	3/4	5.37	1.50	2.25	7.5
LB100M	1	6.20	1.80	2.65	12.5
LB125M	1 1/4	8.12	2.60	2.75	32
LB150M	1 1/2	8.12	2.60	2.83	35.3
LB200M	2	10.50	3.12	4.42	73
LB250M	2 1/2	13.60	4.31	5.40	142
LB300M	3	13.87	4.31	5.90	173
LB350M	3 1/2	16.25	5.62	6.90	292
LB400M	4	16.60	5.62	7.21	324

Diagrams

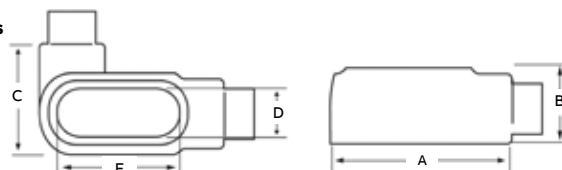


LL Series 35 conduit bodies



Cat. no.	Hub size (in.)	Dimensions (in.)			Cu. in.
		A	B	C	
LL50M	1/2	4.68	2.05	1.37	4.5
LL75M	3/4	5.37	2.25	1.70	7.5
LL100M	1	6.20	2.65	1.90	12.5
LL125M	1 1/4	8.12	2.75	2.75	32
LL150M	1 1/2	8.12	3.50	2.83	33
LL200M	2	10.50	4.12	3.31	68
LL250M	2 1/2	13.60	5.71	3.90	142
LL300M	3	13.87	5.87	4.75	173
LL350M	3 1/2	16.50	7.13	6.81	292
LL400M	4	16.50	7.13	7.19	324

Diagrams

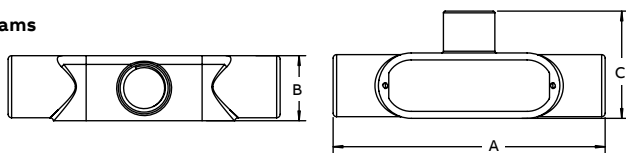


T Series 35 conduit bodies



Cat. no.	Hub size (in.)	Dimensions (in.)			Cu. in.
		A	B	C	
T50M	1/2	5.38	2.05	1.34	6.0
T75M	3/4	6.00	2.25	1.50	9.5
T100M	1	7.05	2.65	1.80	15
T125M	1 1/4	9.00	2.75	2.60	33
T150M	1 1/2	9.00	3.50	2.60	36
T200M	2	11.50	4.12	3.12	76
T250M	2 1/2	15.00	5.71	4.31	142
T300M	3	15.12	5.87	4.31	173
T350M	3 1/2	18.13	6.81	5.19	292
T400M	4	18.13	7.15	5.56	324

Diagrams

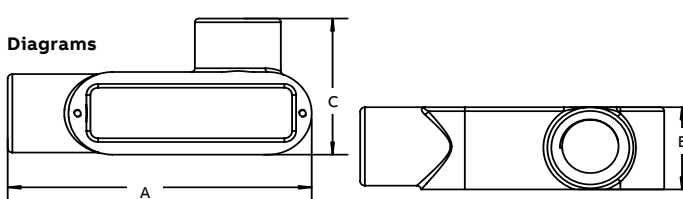


LR Series 35 conduit bodies



Cat. no.	Hub size (in.)	Dimensions (in.)			Cu. in.
		A	B	C	
LR50M	1/2	4.68	2.05	1.37	4.5
LR75M	3/4	5.37	2.25	1.70	7.5
LR100M	1	6.20	2.65	1.90	12.5
LR125M	1 1/4	8.12	2.75	2.75	32
LR150M	1 1/2	8.12	3.50	2.83	35.3
LR200M	2	10.50	4.12	3.31	68
LR250M	2 1/2	13.60	5.71	3.90	142
LR300M	3	13.87	5.87	4.75	173
LR350M-TB	3 1/2	16.25	6.10	5.62	292
LR400M	4	16.25	6.95	5.62	324

Diagrams



Conduit bodies and covers

Series 35

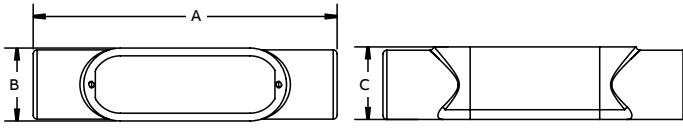


C Series 35 conduit bodies



Cat. no.	Hub size (in.)	Dimensions (in.)			Cu. in.
		A	B	C	
C50M	1/2	5.38	1.34	1.37	4.5
C75M-TB	3/4	6.00	1.50	1.70	7.5
C100M	1	7.05	1.80	1.90	12.5
C125M	1 1/4	9.00	2.60	2.75	35
C150M	1 1/2	9.00	2.60	2.83	35.3
C200M	2	11.50	3.12	3.31	75
C250M-TB	2 1/2	15.00	4.31	3.90	153
C300M	3	15.12	4.31	4.75	181
C350M	3 1/2	18.13	4.88	5.19	290
C400M	4	18.13	4.88	5.56	320

Diagrams

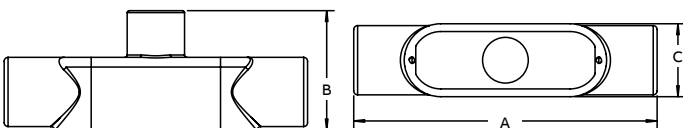


TB Series 35 conduit bodies



Cat. no.	Hub size (in.)	Dimensions (in.)			Cu. in.
		A	B	C	
TB50M	1/2	5.38	1.34	2.05	6
TB75M	3/4	6.00	1.50	2.25	9.5
TB100M	1	7.05	1.80	2.65	15
TB125M	1 1/4	9.00	2.60	2.75	33
TB150M	1 1/2	9.00	2.60	2.83	36
TB200M	2	11.50	3.12	4.42	76

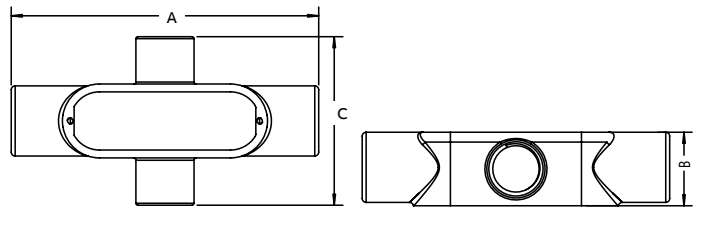
Diagrams



X Series 35 conduit bodies

Cat. no.	Hub size (in.)	Dimensions (in.)			Cu. in.
		A	B	C	
X50M	1/2	5.41	2.79	1.75	36.0
X75M	3/4	6.08	2.93	1.97	76.0
X100M	1	7.1	3.56	2.25	6.0
X125M	1 1/4	9.1	4.43	2.55	9.5
X150M	1 1/2	9.1	4.43	2.75	15.0
X200M	2	11.75	5.4	3.45	33.0

Diagrams



Conduit bodies and covers

Series 35 covers and gaskets

Replacement covers and gaskets

	For conduit body	Hub size (in.)									
		½	¾	1	1¼	1½	2	2½	3	3½	4
Stamped steel	Series 35	K50S	K75S	K100S	K125S	K125S	K200S	K250S	K250S	K350S	K350S



	For conduit body	Hub size (in.)									
		½	¾	1	1¼	1½	2	2½	3	3½	4
Sand cast iron	Series 35	K50M	K75M	K100M	K125M	K125M	K200M	K250M	K250M	K350M	K350M



	For conduit body	Hub size (in.)									
		½	¾	1	1¼	1½	2	2½	3	3½	4
Gasket	Series 35	GK50N	GK75N	GK100N	GK125-150N	GK125-150N	GK200N	GK250-300N	GK250-300N	GK350-400N	GK350-400N



Conduit bodies and covers

Red•Dot® aluminum

Application:

- Junction for branch conduits —“A” series bodies for rigid conduit and IMC maintain a weather-resistant conduit system when used with covers and gaskets
- “B” series bodies for thin wall conduit (EMT) save on the cost of connectors and labor in indoor applications
- Spacious, accessible wiring chamber provides a convenient location to pull conductors and make splices
- Aluminum conduit bodies can be used with rigid metal conduit — NEC 342 and 344, and steel EMT, NEC 358

Features/benefits

- Aluminum construction offers enhanced corrosion resistance
- Precision-cast and machined surfaces permit safer wire pulling
- Clean cover edges provide good gasket sealing
- Precision NPT threaded and set screw hubs enable trouble-free field installation for rigid, IMC or EMT conduit
- Retained deep-slotted steel cover screws for faster installation
- UL, CSA, cULus and volumetric-capacity markings facilitate approval by inspectors

Standard materials:

- Conduit bodies:
Die-cast aluminum alloy (sand-cast where marked)
- CV series covers: Die-cast aluminum alloy with zinc-plated steel screws
- SCV series covers: Stamped aluminum alloy with low-carbon steel screws
- Gaskets (GKN series): Neoprene

Standard finish:

- Conduit bodies
and die-cast covers:
Powder coated
- Stamped covers:
Natural

Compliances:

- cULus® listed († indicates UL listed, CSA certified only)

Sample specifications:

- Conduit bodies shall be die-cast or sand-cast aluminum alloy. All conduit stops shall be free of rough edges. Conduit bodies shall be finished with powder-coated paint. Conduit bodies shall be Red Dot catalog no. _____

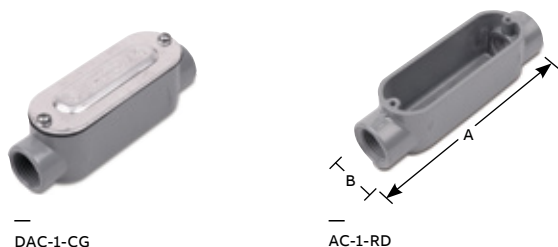


Conduit bodies and covers

Red•Dot® aluminum A series

C style

- Sizes 3½–4" are sand-cast aluminum alloy (all others are die-cast aluminum alloy)
- Finish for AC-7, AC-8 and DAC-7-CG–DAC-10-CG: Polyester powder base, metallic glaucous gray
- Finish for all others: Powder-coated silver gray



DAC-1-CG

AC-1-RD

C Red Dot aluminum conduit bodies

Cat. no.	Trade size (in.)	Dimensions (in.)		Std. ctn.
		A	B	
AC-1-RD	½	4.82	1.31	50
AC-2-RD	¾	5.67	1.56	50
AC-3	1	6.38	1.75	25
AC-4-RD	1¼	8.27	2.49	10
AC-5	1½	8.27	2.49	10
AC-6-RD	2	10.25	3.14	5
AC-7*†	2½	13.46	4.44	1
AC-8*†	3	13.46	4.44	1
AC-9*	3½	15.94	5.42	1
AC-10-RD*	4	16.08	5.42	1
D-PAK™				
DAC-1-CG	½	4.82	1.31	12
DAC-2-CG	¾	5.67	1.56	15
DAC-3-CG	1	6.38	1.75	8
DAC-4-CG	1¼	8.27	2.49	6
DAC-5-CG	1½	8.27	2.49	5
DAC-6-CG	2	10.25	3.14	2
DAC-7-CG†	2½	13.46	4.44	2
DAC-8-CG†	3	13.46	4.44	2
DAC-9-CG†	3½	15.83	5.43	2
DAC-10-CG	4	15.83	5.43	2

* Shipped with cover and gasket.

† UL listed, CSA certified only

LB style



DALB-1-CG

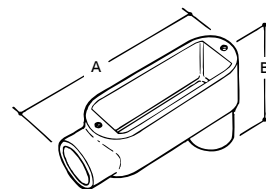
ALB-1

LB Red Dot aluminum conduit bodies



Cat. no.	D-PAK™* cat. no.	Trade size (in.)	Dimensions (in.)		Std. ctn.	D-PAK™* std. ctn.
			A	B		
ALB-1	DALB-1-CG	½	4.39	2.01	50	25
ALB-2	DALB-2-CG	¾	5.18	2.21	50	16
ALB-3	DALB-3-CG	1	5.93	2.70	25	6
ALB-4	DALB-4-CG	1¼	7.76	3.46	10	5
ALB-5	DALB-5-CG	1½	7.76	3.66	10	5
ALB-6	DALB-6-CG	2	9.85	4.24	5	2
ALB-7*†	DALB-7-CG†	2½	12.83	5.13	1	2
ALB-8*†	DALB-8-CG†	3	12.83	5.73	1	2
ALB-9*†	DALB-9-CG†	3½	15.35	7.01	1	2
ALB-10*†	DALB-10-CG†	4	15.35	7.01	1	2

Diagram



* Shipped with cover and gasket.

† UL listed, CSA certified only

Conduit bodies and covers

Red•Dot® aluminum A series

LL style

- Die-cast aluminum alloy ½"–2"
- Sand-cast aluminum alloy 2½"–4"
- Provide access for pulling, splicing and maintenance
- For rigid conduit and IMC applications
- cULus listed



DALL-1-CG



ALL-1

LR style

- Die-cast aluminum alloy ½"–2"
- Sand-cast aluminum alloy 2½"–4"
- Powder-coated silver gray finish
- Provide access for pulling, splicing and maintenance
- For rigid conduit/IMC applications



DALR-1-CG



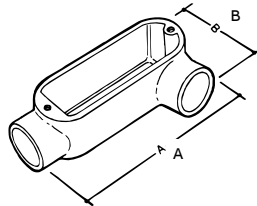
ALR-1

LL Red Dot aluminum conduit bodies



Cat. no.	D-PAK™ cat. no.	Trade size (in.)	Dimensions (in.)		Std. ctn.	D-PAK™ std. ctn.
			A	B		
ALL-1	DALL-1-CG	½	4.39	1.90	50	12
ALL-2	DALL-2-CG	¾	5.17	2.22	50	15
ALL-3	DALL-3-CG	1	5.92	2.48	25	5
ALL-4	DALL-4-CG	1¼	7.76	3.41	10	4
ALL-5	DALL-5-CG	1½	7.76	3.41	10	5
ALL-6	DALL-6-CG	2	9.85	4.01	5	2
ALL-7*	DALL-7-CG	2½	13.08	6.00	1	2
ALL-8*	DALL-8-CG	3	13.12	5.96	1	2
ALL-9*	DALL-9-CG	3½	15.46	6.40	1	2
ALL-10*	DALL-10-CG	4	15.46	6.40	1	2

Diagram



* Shipped with cover and gasket.

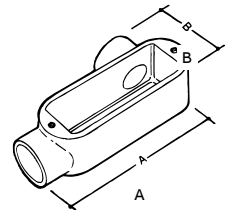
† UL listed, CSA certified only

LR Red Dot aluminum conduit bodies



Cat. no.	D-PAK™ cat. no.	Trade size (in.)	Dimensions (in.)		Std. ctn.	D-PAK™ std. ctn.
			A	B		
ALR-1	DALR-1-CG	½	4.39	1.90	50	12
ALR-2	DALR-2-CG	¾	5.17	2.22	50	15
ALR-3	DALR-3-CG	1	5.92	2.48	25	5
ALR-4	DALR-4-CG	1¼	7.76	3.41	10	4
ALR-5	DALR-5-CG	1½	7.76	3.41	10	4
ALR-6	DALR-6-CG	2	9.85	4.05	5	2
ALR-7*	DALR-7-CG	2½	13.08	6.00	1	2
ALR-8*	DALR-8-CG	3	13.12	5.96	1	2
ALR-9*	DALR-9-CG	3½	15.46	6.40	1	2
ALR-10*	DALR-10-CG	4	15.46	6.40	1	2

Diagram



* Threaded and shipped with cover and gasket.

Conduit bodies and covers

Red•Dot® aluminum A series

LT style

- Die-cast aluminum alloy ½"-2"
- Sand-cast aluminum alloy 2½"-4"



DAT-1-CG



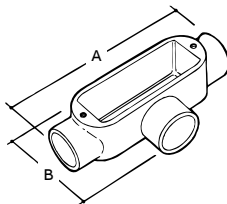
AT-1

LT Red Dot aluminum conduit bodies



Cat. no.	D-PAK™* cat. no.	Trade size (in.)	Dimensions (in.)		Std. ctn.	D-PAK™* std. ctn.
			A	B		
AT-1	DAT-1-CG	½	4.83	1.31	50	12
AT-2	DAT-2-CG	¾	5.75	1.52	50	14
AT-3	DAT-3-CG	1	6.33	1.75	25	5
AT-4	DAT-4-CG	1¼	8.27	2.49	10	5
AT-5	DAT-5-CG	1½	8.27	2.50	10	5
AT-6	DAT-6-CG	2	10.25	3.14	5	2
AT-7*	DAT-7-CG	2½	6.13	4.44	1	2
AT-8*	DAT-8-CG	3	14.00	4.45	1	2
AT-9*	DAT-9-CG	3½	15.94	5.43	1	2
AT-10*	DAT-10-CG	4	16.08	5.42	1	2

Diagram



* Threaded and shipped with cover, gasket and body.

LRL style



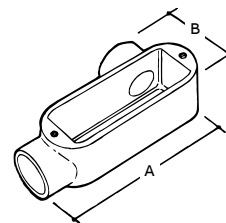
ALRL-1

LRL Red Dot aluminum conduit bodies



Cat. no.	Trade size (in.)	Dimensions (in.)		Std. ctn.
		A	B	
ALRL-1†	½	4.40	2.06	50
ALRL-2†	¾	5.08	2.28	50
ALRL-3†	1	5.80	2.47	25

Diagram



* Threaded and shipped with cover, gasket and body.

†UL listed, CSA certified only

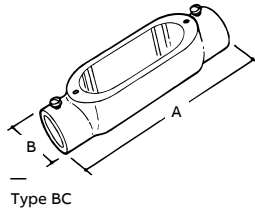
Conduit bodies and covers

Red•Dot® aluminum B series for EMT

C style



BC-1-RD



Type BC

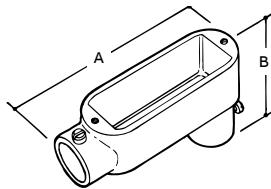


Cat. no.	Trade size (in.)	A (in.)	B (in.)	Std. ctn.
BC-2-RD	¾	5.67	1.56	50
BC-3	1	6.38	1.75	25
BC-4	1¼	8.27	2.49	10
BC-5	1½	8.27	2.49	10
BC-6	2	10.25	3.14	5

LB style



BLB-1



Type BLB



Cat. no.	D-PAK™ cat. no.	Trade size (in.)	A (in.)	B (in.)	Std. ctn.	D-PAK™ std. ctn.
BLB-1	DBLB-1-C*	½	4.39	2.01	50	25
BLB-2	DBLB-2-C*	¾	5.18	2.21	50	16
BLB-3	DBLB-3-C*	1	5.93	2.70	25	6
BLB-4	—	1¼	7.76	3.46	10	—
BLB-5	—	1½	7.76	3.66	10	—
BLB-6	—	2	9.85	4.24	5	—
BLB-7*†	—	2½	12.83	5.14	1	—
BLB-8*†	—	3	12.83	5.73	1	—
BLB-9*†	—	3½	15.35	7.01	1	—
BLB-10*†	—	4	15.35	7.03	1	—

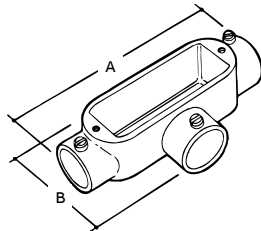
*Threaded hubs, shipped with cover and gasket.

†UL listed, CSA certified only

T style



BT-1



Type BT

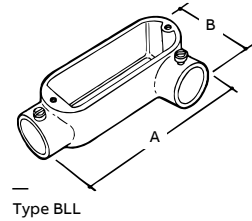


Cat. no.	Trade size (in.)	A (in.)	B (in.)	Std. ctn.
BT-1	½	4.83	2.06	50
BT-2	¾	5.75	2.31	50
BT-3	1	6.33	2.63	25
BT-4	1¼	8.27	3.37	10
BT-5	1½	8.27	3.37	10
BT-6	2	10.25	4.05	5

LL style



BLL-1



Type BLL

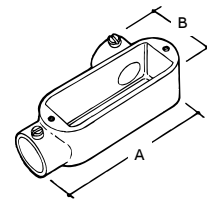


Cat. no.	Trade size (in.)	A (in.)	B (in.)	Std. ctn.
BLL-1	½	4.39	1.90	50
BLL-2	¾	5.17	2.22	50
BLL-3	1	5.92	2.48	25

LR style



BLR-1



Type BLR

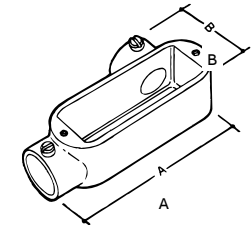


Cat. no.	Trade size (in.)	A (in.)	B (in.)	Std. ctn.
BLR-1	½	4.39	2.01	50
BLR-2	¾	5.17	2.22	50
BLR-3	1	5.92	2.49	25

LRL style



BLRL-1



Type BLRL



Cat. no.	Trade size (in.)	A (in.)	B (in.)	Std. ctn.
BLRL-1†	½	4.40	2.06	50
BLRL-2†	¾	5.08	2.31	50
BLRL-3†	1	5.80	2.63	25

Shipped with 1 cover and gasket.

†UL listed, CSA certified only

Conduit bodies and covers

Red•Dot® covers and gaskets

Replacement covers and gaskets

	For conduit body	Hub size (in.)						
		½	¾	1	1¼–1½	2	2½–3	3½–4
Stamped aluminum	Red•Dot® aluminum	SCV-1	SCV-2	SCV-3	SCV-4	SCV-5	SCV-6	SCV-7



* Covers include gasket.

	For conduit body	Hub size (in.)				
		½	¾	1	1¼–1½	2
Cast aluminum	Red•Dot® aluminum	CV-1	CV-2	CV-3	CV-4	CV-5



	For conduit body	Hub size (in.)						
		½	¾	1	1¼–1½	2	2½–3	3½–4
Neoprene gasket	Red•Dot® aluminum	GKN-1	GKN-2	GKN-3	GKN-4	GKN-5	GKN-6	GKN-7



Mogul pulling elbows/service entrance bodies and aluminum mogul pulling elbows

Mogul pulling elbows/service entrance bodies

Application:

- Raintight junction for bringing electrical service into a location
- Accessible wiring chamber provides a convenient location to pull conductors and make splices

Features/benefits

- Aluminum alloy construction for corrosion resistance
- Precision cast and machined surfaces permit safer wire pulling
- Clean cover edges provide good gasket sealing
- Precision NPT threaded hubs enable trouble-free field installation for rigid and IMC conduit
- Retained, deep-slotted, zinc-plated steel cover screws for faster installation
- Clear UL, CSA and volumetric-capacity markings speed approval by inspectors



Standard materials:

- Service entrance bodies: Die-cast aluminum alloy
- Covers ½" to 4": Die-cast aluminum alloy with zinc-plated steel screws
- Gaskets: ASLB series and MALB-4 to MALB-6 – fiber MALB-8 to MALB-10 – composition SALB series – neoprene

Standard finish:

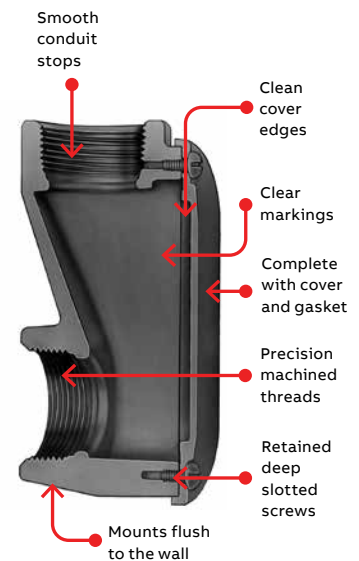
- Polyester powder base, metallic glaucous gray

Compliances:

- UL listed
- CSA certified

Specifications:

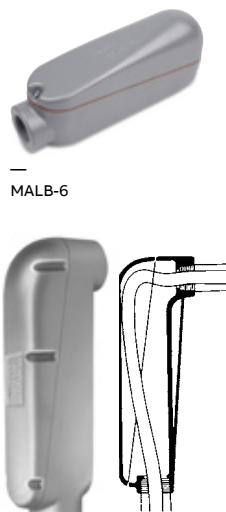
Service entrance fittings shall be die-cast aluminum alloy. All conduit stops shall be free of rough edges. Service entrance fittings shall be finished with polyester powder base, metallic glaucous gray. Service entrance fittings shall be Red Dot catalog no. _____



Aluminum mogul pulling elbows

Spacious, accessible wiring chamber for pulling conductors, making splices and bringing electrical service into a location.

- Dome cover — extra bending room
- Deep-slotted zinc-plated steel cover screws
- I-beam construction adds strength
- Smooth throats for easy wire pulling
- Extra wiring room
- Ultra-high pressure die-cast aluminum alloy
- UL listed, CSA certified



Cat. no.	Hub size	Unit qty.	Std. pkg.	Wt. lbs. per 100
MALB-4	1¼"	2	10	160
MALB-5	1½"	1	1	400
MALB-6	2"	1	1	375
MALB-8	3"	1	1	1060
MALB-10	4"	1	1	1800



Gasket cat. no.	Hub Size	Unit qty.	Std. pkg.	Wt. lbs. per 100
MGKV-5	1¼" to 2"	1	5	4
MGKV-6	2½" to 3"	1	5	5
MGKV-7	3½" to 4"	1	5	5

Mogul pulling elbows/service entrance bodies

Service entrance fittings

Accessible junctions for bringing electrical service into a location.

- Mounts flush to wall
- Standard and extra-long configurations
- Retained, deep-slotted, zinc-plated steel cover screws
- Smooth throats for easy wire pulling
- Ultra-high pressure die-cast aluminum
- UL listed, CSA certified



ASLB-1



DASLB-1

½"–2" bodies with covers and gaskets

Cat. no.	Hub size (in.)	Cover only
ASLB-1	½	ASLB1CV
ASLB-2	¾	ASLB2CV
ASLB-3	1	ASLB3CV
ASLB-4	1¼	ASLB4CV
ASLB-5	1½	ASLB5CV
ASLB-6	2	ASLB6CV

D-PAK® *

Cat. no.	Hub size (in.)
DASLB-1	½
DASLB-2	¾
DASLB-3	1



ASLB



SALB

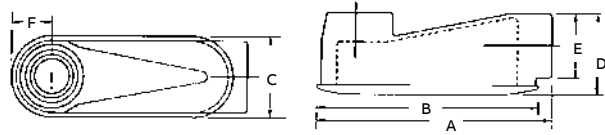
2½"–4" bodies with stamped covers and gaskets

Cat. no.	Hub size (in.)
SALB-7	2½
SALB-8	3
SALB-9	3½
SALB-10	4

Extra-long bodies with covers and gaskets

Cat. no.	Hub size (in.)
ASLB-XL4	1¼
ASLB-XL6	2

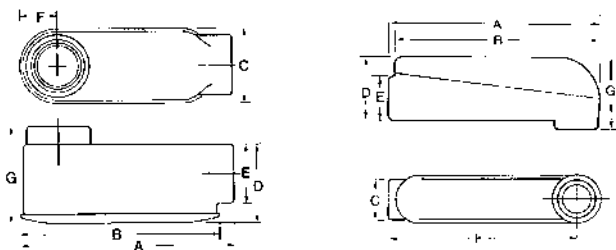
ASLB and ASLB-XL dimensions



ASLB & ASLB-XL

Trade size	Dimensions (in.)						
	A	B	C	D	E	F	CI
ASLB							
½"	3.15	2.71	1.20	1.45	1.06	0.75	1.8
¾"	3.57	3.26	1.52	1.75	1.24	1.01	3.8
1"	4.18	3.73	1.75	1.97	1.55	1.07	5.7
1¼"	5.39	5.00	2.18	2.44	1.96	1.33	13.5
1½"	6.10	5.74	2.36	2.44	2.20	1.53	17.0
2"	6.61	6.29	2.87	2.93	2.67	1.73	29.3
ASLB-XL							
1¼"	7.83	7.22	2.48	2.83	2.24	1.65	24.3
2"	9.92	9.44	2.95	3.58	2.67	1.89	63.0

SALB and MALB dimensions



SALB

MALB

Trade size	Dimensions (in.)							
	A	B	C	D	E	F	G	CI
SALB								
2½"	12.83	12.24	4.47	3.94	3.31	2.84	5.13	153.0
3"	12.83	12.20	4.44	4.53	4.00	2.83	5.72	183.5
3½"	15.35	14.88	5.43	5.51	4.51	3.17	7.01	304.9
4"	15.35	14.88	5.43	5.51	5.02	3.17	7.01	308.0
MALB								
1¼"	9.47	9.11	2.52	2.84	2.06	8.41	3.58	40.0
1½"	14.53	14.26	3.22	5.17	3.09	12.95	5.17	128.0
2"	14.53	14.26	3.22	5.17	3.09	12.69	5.17	128.0

Zinc concrete slab inserts, elbows and plugs and threaded rigid/IMC conduit inserts

Zinc concrete slab inserts, elbows and plugs

Application:

- Permits in-slab ceiling drops and floor mounts in poured concrete
- Provides flush threaded conduit hub for mounting, pulling and future access to conduit systems
- Design permits prefabrication of in-slab conduit system

Features/benefits

- Flush design leaves no broken or bent stubs for easy removal of undamaged forms
- Flush design permits simplified in-slab work
- Flush design leaves a neat, uncluttered job
- Offered in straight ES configuration for straight-through conduit runs and mounting of floor boxes in slabs over 6" thick
- Offered in ESL configuration to eliminate bending of conduit in slabs over 4" thick
- Precision-cast and machined surfaces permit safer wire pulling



ESL



ES

Standard materials:

- Die-cast zinc alloy
- Stamped aluminum covers
- Zinc-plated cover screws
- Neoprene gaskets

Standard finish:

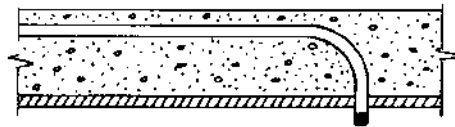
- Natural

Compliances:

- UL listed
- CSA certified

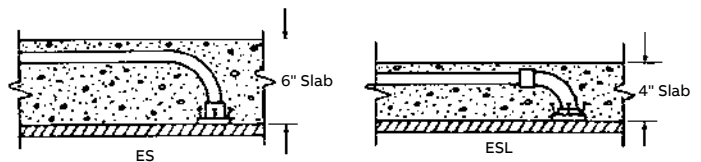
Sample specifications:

- Concrete slab inserts shall be die-cast zinc alloy. All conduit stops shall be coined and free of rough edges. Concrete slab inserts shall be Red Dot catalog no. _____.



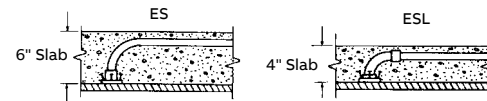
Old way

Conduit running in a cement slab is bent 90° to run through a hole drilled in the form. Drilling takes time and damages the form. Stripping form often damages conduit stubs. Varying length of stubs requires individual measuring and cutting of conduit drops.



Red Dot way

Conduit running in a cement slab is attached to a 90° concrete slab insert or conduit is bent 90° and is threaded to a straight insert. Nail or screw fitting to wood or metal forms. After concrete is poured and forms stripped, conduit drops quickly into fittings from floor below. Drops are easily measured from ceiling line to switch or outlet height and cut in uniform lengths.



Threaded rigid/IMC conduit inserts

Concrete slab inserts permit in-slab ceiling drops and floor mounts in poured concrete.

- For rigid and IMC
- Slab insert is nailed to form prior to pour
- Removable seal keeps threads cement-free
- ESL eliminates:
 - Bends in 4" concrete slabs
 - Damage to form
 - Cutting off conduit stubs
- ES slab inserts are UL listed, CSA certified
- ESL slab inserts are cULus listed



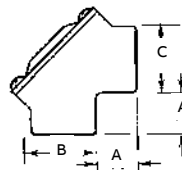
Cat. no.	Hub size (in.)
Straight	
ES-2	3/4
ES-3	1
90°	
ESL-1	1/2
ESL-2	3/4
ESL-3	1

Zinc concrete slab inserts, elbows and plugs

Female-to-female aluminum elbows



APEF dimensions

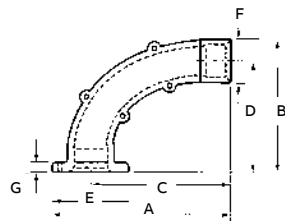


APEF

Cat. no.	Hub size (in.)
Pulling rigid IMC	
APEF-1	1/2
APEF-2	3/4

Dimensions (in.)			
Trade size	A	B	C
1/2"	0.85	0.92	0.92
3/4"	0.79	1.17	1.17

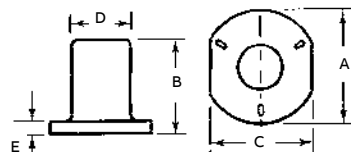
ESL dimensions



ESL

Dimensions (in.)							
Trade size	A	B	C	D	E	F	G
1/2"	4.41	3.66	3.46	3.14	1.89	1.02	0.18
3/4"	4.53	3.71	3.46	3.14	2.12	1.14	0.20
1"	4.68	3.84	3.46	3.10	2.44	1.46	0.19

ES dimensions



ES

Dimensions (in.)					
Trade size	A	B	C	D	E
3/4"	2 ^{11/64}	1 ^{5/8}	1 ^{31/32}	1 ^{1/4}	1/4
1"	2 ^{9/16}	2	2 ^{5/16}	1 ^{17/32}	1/4

Index

Order code classification

Cat. no.	Page no.	Cat. no.	Page no.	Cat. no.	Page no.
4250	12	ALRL-3	22	BG-908S	10
4251	12	APEF-1	28	BG-908T	10
4252	12	APEF-2	28	BG-909	10
4253	12	ASLB-1	26	BG-909S	10
4254 -TB	12	ASLB-2	26	BG-909T	10
4255 -TB	12	ASLB-3	26	BG-910	10
841-TB	8	ASLB-4	26	BG-910S	10
AC-10-RD	20	ASLB-5	26	BG-910T	10
AC-1-RD	20	ASLB-6	26	BG-911	10
AC-2-RD	20	ASLB-XL4	26	BG-911T	10
AC-3	20	ASLB-XL6	26	BG-912	10
AC-4-RD	20	AT-1	22	BG-912T	10
AC-5	20	AT-10	22	BI901	11
AC-6-RD	20	AT-2	22	BI902	11
AC-7	20	AT-3	22	BI903	11
AC-8	20	AT-4	22	BI904	11
AC-9	20	AT-5	22	BI905	11
ALB-1	20	AT-6	22	BI906	11
ALB-10	20	AT-7	22	BI907	11
ALB-2	20	AT-8	22	BI908	11
ALB-3	20	AT-9	22	BI909	11
ALB-4	20	BC-2-RD	23	BI910	11
ALB-5	20	BC-3	23	BL111	14
ALB-6	20	BC-4	23	BL112	14
ALB-7	20	BC-5	23	BL113	14
ALB-8	20	BC-6	23	BL114	14
ALB-9	20	BG801L	11	BL115	14
ALL-1	21	BG802L	11	BL116	14
ALL-10	21	BG803L	11	BLB-1	23
ALL-2	21	BG804L	11	BLB-10	23
ALL-3	21	BG805L	11	BLB-2	23
ALL-4	21	BG806L	11	BLB-3	23
ALL-5	21	BG807L	11	BLB-4	23
ALL-6	21	BG808L	11	BLB-5	23
ALL-7	21	BG809L	11	BLB-6	23
ALL-8	21	BG810L	11	BLB-7	23
ALL-9	21	BG-901	10	BLB-8	23
ALR-1	21	BG-902	10	BLB-9	23
ALR-10	21	BG-903	10	BLL-1	23
ALR-2	21	BG-904	10	BLL-2	23
ALR-3	21	BG-904S	10	BLL-3	23
ALR-4	21	BG-905	10	BLR-1	23
ALR-5	21	BG-905S	10	BLR-2	23
ALR-6	21	BG-906	10	BLR-3	23
ALR-7	21	BG-906S	10	BLRL-1	23
ALR-8	21	BG-907	10	BLRL-2	23
ALR-9	21	BG-907S	10	BLRL-3	23
ALRL-1	22	BG-907T	10	BR501	13
ALRL-2	22	BG-908	10	BR502	13

Index

Order code classification

Cat. no.	Page no.
BR503	13
BR504	13
BR505	13
BT-1	23
BT-2	23
BT-3	23
BT-4	23
BT-5	23
BT-6	23
BU401	10
BU402	10
BU403	10
BU404	10
BU405	10
BU406	10
BU407	10
BU408	10
BU409	10
BU410	10
BU501	10
BU502	10
BU503	10
BU504	10
BU505	10
BU506	10
BU507	10
BU508	10
BU509	10
BU510	10
BU511	10
BU512	10
C100M	17
C125M	17
C150M	17
C200M	17
C250M-TB	17
C300M	17
C350M	17
C400M	17
C50M	17
C75M-TB	17
CB401	13
CB4010	13
CB402	13
CB403	13
CB404	13
CB405	13
CB406	13
CB407	13

Cat. no.	Page no.
CB408	13
CB409	13
CV-1	24
CV-2	24
CV-3	24
CV-4	24
CV-5	24
DAC-10-CG	20
DAC-1-CG	20
DAC-2-CG	20
DAC-3-CG	20
DAC-4-CG	20
DAC-5-CG	20
DAC-6-CG	20
DAC-7-CG	20
DAC-8-CG	20
DAC-9-CG	20
DALL-10-CG	21
DALL-1-CG	21
DALL-2-CG	21
DALL-3-CG	21
DALL-4-CG	21
DALL-5-CG	21
DALL-6-CG	21
DALL-7-CG	21
DALL-8-CG	21
DALL-9-CG	21
DALR-10-CG	21
DALR-1-CG	21
DALR-2-CG	21
DALR-3-CG	21
DALR-4-CG	21
DALR-5-CG	21
DALR-6-CG	21
DALR-7-CG	21
DALR-8-CG	21
DALR-9-CG	21
DASLB-1	26
DASLB-2	26
DASLB-3	26
DAT-10-CG	22
DAT-1-CG	22
DAT-2-CG	22
DAT-3-CG	22
DAT-4-CG	22
DAT-5-CG	22
DAT-6-CG	22
DAT-7-CG	22
DAT-8-CG	22

Cat. no.	Page no.
DAT-9-CG	22
DBLB-1-C	23
DBLB-2-C	23
DBLB-3-C	23
EK401	7
EK402	7
EK403	7
EK404	7
EK405	7
EK406	7
EK407	7
EK408	7
EK409	7
EK410	7
EK411	7
EK412	7
ES-2	27
ES-3	27
ESL-1	27
ESL-2	27
ESL-3	27
FP401	14
FP402	14
FP403	14
FP404	14
FP405	14
FP406	14
GK100N	18
GK125-150N	18
GK200N	18
GK250-300N	18
GK350-400N	18
GK50N	18
GK75N	18
GKN-1	24
GKN-2	24
GKN-3	24
GKN-4	24
GKN-5	24
GKN-6	24
GKN-7	24
HA-401	8
HA-402	8
HA-403	8
HA404	8
HA405	8
HA406	8
HA407	8
HA408	8

Index

Order code classification

Cat. no.	Page no.
HA409	8
HA410	8
HA901	8
HA-902	8
HA-903	8
HA904	8
HA905	8
HA906	8
HC101	6
HC102	6
HC103	6
HC104	6
HC105	6
HC106	6
HC107	6
HC108	6
HC109	6
HC110	6
HC401	5
HC402	5
HC403	5
HC404	5
HC405	5
HC406	5
HC407	5
HC408	5
HC409	5
HC410	5
HCB101	6
HCB102	6
HCB103	6
HCB104	6
HCB105	6
HCB106	6
HCB107	6
HCB108	6
HCB109	6
HCB110	6
HCB401	5
HCB402	5
HCB403	5
HCB404	5
HCB405	5
HCB406	5
HCB407	5
HCB408	5
HCB409	5
HCB410	5
HK101	7

Cat. no.	Page no.
HK102	7
HK103	7
HK104	7
HK105	7
HK106	7
HK107	7
HK108	7
HK109	7
HK110	7
HK401	5
HK402	5
HK403	5
HK404	5
HK405	5
HK406	5
HK407	5
HK408	5
HK409	5
HK410	5
HS100SC	13
HS101	13
HS102	13
HS103	13
HS104	13
HS105	13
HS106	13
HS107	13
HS108	13
HS109	13
HS110	13
HS400	13
HS401	13
HS402	13
HS403	13
HS404SC	13
HS405	13
HS406	13
HS407	13
HS408	13
HS409	13
HS410	13
HS411	13
HS901	13
HS902	13
HS903	13
HS904	13
HS905	13
HS906	13
HS907	13

Cat. no.	Page no.
HS908	13
HS909	13
HS910	13
HUB050GR-SC	8
HUB050-SC	8
HUB075GR-SC	8
HUB075-SC	8
HUB100GR-SC	8
HUB100-SC	8
HUB125GR-SC	8
HUB125-SC	8
HUB150GR-SC	8
HUB150-SC	8
HUB200GR-SC	8
HUB200-SC	8
HUB250GR-SC	8
HUB250-SC	8
HUB300GR-SC	8
HUB300-SC	8
HUB350GR-SC	8
HUB350-SC	8
HUB400GR-SC	8
HUB400-SC	8
K100M	18
K100S	18
K125M	18
K125S	18
K200M	18
K200S	18
K250M	18
K350M	18
K350S	18
K50M	18
K50S	18
K75M	18
K75S	18
LB100M	16
LB125M	16
LB150M	16
LB200M	16
LB250M	16
LB300M	16
LB350M	16
LB400M	16
LB50M	16
LB75M-TB	16
LG 410	9
LG401	9
LG402	9

Index

Order code classification

Cat. no.	Page no.
LG403	9
LG404	9
LG405	9
LG406	9
LG407	9
LG408	9
LG409	9
LL100M	16
LL125M	16
LL150M	16
LL200M	16
LL250M	16
LL300M	16
LL350M	16
LL400M	16
LL50M	16
LL75M	16
LN100SC	9
LN101SC	9
LN102	9
LN103	9
LN104	9
LN105	9
LN106	9
LN107	9
LN108	9
LN109	9
LN110	9
LN111	9
LN112	9
LR100M	16
LR125M	16
LR150M	16
LR200M	16
LR250M	16
LR300M	16
LR350M-TB	16
LR400M	16
LR50M	16
LR75M	16
LS101	9
LS102	9
LS103	9
LS104	9
LS105	9
LS106	9
LS107	9
LS108	9
LS109	9

Cat. no.	Page no.
LS110	9
MALB-10	25
MALB-4	25
MALB-5	25
MALB-6	25
MALB-8	25
MGKV-5	25
MGKV-6	25
MGKV-7	25
RB121	11
RB131	11
RB132	11
RB141	11
RB142	11
RB143	11
RB151	11
RB152	11
RB153	11
RB154	11
RB161	11
RB162	11
RB163	11
RB164	11
RB165	11
RB175	11
RB176	11
RB186	11
RB187	11
RB421	11
RB432	11
RB443	11
SALB-10	26
SALB-7	26
SALB-8	26
SALB-9	26
SCV-1	24
SCV-2	24
SCV-3	24
SCV-4	24
SCV-5	24
SCV-6	24
SCV-7	24
SPLN107	9
SPLN108	9
SPLN109	9
SPLN110	9
T100M	16
T125M	16
T150M	16

Cat. no.	Page no.
T200M	16
T250M	16
T300M	16
T350M	16
T400M	16
T50M	16
T75M	16
TB100M	17
TB125M	17
TB150M	17
TB200M	17
TB50M	17
TB75M	17
WA110	12
WA121	12
WA131	12
WA132	12
WA141	12
WA142	12
WA143	12
WA151	12
WA152	12
WA153	12
WA154	12
WA161	12
WA162	12
WA163	12
WA164	12
WA165	12
WA171	12
WA172	12
WA173	12
WA174	12
WA175	12
WA176	12
WA181	12
WA182	12
WA183	12
WA184	12
WA185	12
WA186	12
WA187	12
X100M	17
X125M	17
X150M	17
X200M	17
X50M	17
X75M	17

Notes

ABB has made every attempt to ensure the accuracy and reliability of the contents of this document. However, all content is provided for general informational purposes only, and ABB makes no guaranty or warranty, express or implied, as to the accuracy of any technical content, or that the information contained in this publication will be error free and all such guarantees or warranties are expressly disclaimed. ABB may change or modify the contents at any time, without prior notice. We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction or utilization of its contents — in whole or in parts — is forbidden without prior written consent of ABB.



—
US

ABB Installation Products
Electrification Business
860 Ridge Lake Blvd.
Memphis, TN 38120
+1 901-252-5000

electrification.us.abb.com