

FICHA TECNICA

BG100-14-20

Archivo 159 de 170

IDENTIFICACION VERIFICADA

CODIGO SOLICITADO	BG100-14-20
FABRICANTE TECNICO	ABB Installation Products / T&B Fittings
FAMILIA	Blackjack conduit grounding bushing
REFERENCIA LOCALIZADA	BG100-14-20

FUENTE DOCUMENTAL

DOCUMENTO OFICIAL	ABB - T&B Fittings Industrial Fittings Catalog
PAGINA(S) ANEXADA(S)	16
ENLACE DE ORIGEN	https://tnb.ca.abb.com/en/pdf-catalogues/fittings-and-conduit-systems/industrial-fittings/b-industrial-fittings-e.pdf

ALCANCE DEL ARCHIVO

La(s) pagina(s) siguiente(s) provienen de la documentacion tecnica indicada y contienen la tabla, dimensiones, materiales, certificaciones o notas de aplicacion asociadas al codigo. Esta portada individual permite identificar el producto y mantener el nombre exacto requerido para la carga masiva.

Rigid and intermediate metal conduit fittings

Blackjack® – Conduit grounding bushings

Blackjack® – Conduit grounding bushings



Cat. no. zinc plated malleable iron	Aluminum	Conduit size (in.)	ØA Max.	ØB Max.	ØC Max.	ØD Max.	Dim.	Wire range
							E Max.	
BG050-14-20	BGA050-14-20	½	1.251	0.569	1.181	2.134	0.696	14–2/0
BG050-14-4	BGA050-14-4	½	1.251	0.569	1.027	1.940	0.696	14–4
BG075-14-20	BGA075-14-20	¾	1.533	0.772	1.221	2.414	0.696	14–2/0
BG075-14-4	BGA075-14-4	¾	1.533	0.772	1.030	2.168	0.696	14–4
BG100-14-20	BGA100-14-20	1	1.783	0.993	1.181	2.581	0.696	14–2/0
BG100-14-4	BGA100-14-4	1	1.783	0.993	1.027	2.368	0.696	14–4
BG125-14-20	BGA125-14-20	1¼	2.220	1.319	1.181	2.987	0.759	14–2/0
BG150-14-20	BGA150-14-20	1½	2.470	1.553	1.181	3.236	0.696	14–2/0
BG200-14-20	BGA200-14-20	2	2.830	2.010	1.181	3.766	0.696	14–2/0
BG250-14-20	BGA250-14-20	2½	3.148	2.412	1.181	4.341	0.978	14–2/0
BG250-6-40	BGA250-6-40	2½	3.148	2.412	1.524	4.526	0.978	6–4/0
BG300-14-20	BGA300-14-20	3	4.042	3.022	1.181	4.966	0.978	14–2/0
BG300-6-40	BGA300-6-40	3	4.042	3.022	1.524	5.139	0.978	6–4/0
BG350-14-20	BGA350-14-20	3½	4.542	3.491	1.181	5.467	0.978	14–2/0
BG350-6-40	BGA350-6-40	3½	4.542	3.491	1.524	5.639	0.978	6–4/0
BG400-14-20	BGA400-14-20	4	5.042	3.975	1.181	5.966	0.978	14–2/0
BG400-6-40	BGA400-6-40	4	5.042	3.975	1.524	6.139	0.978	6–4/0
BG500-14-20	BGA500-14-20	5	6.136	4.991	1.181	7.045	0.978	14–2/0
BG500-6-40	BGA500-6-40	5	6.136	4.991	1.524	7.207	0.978	6–4/0
BG600-14-20	BGA600-14-20	6	7.199	6.009	1.181	8.087	0.978	14–2/0
BG600-6-40	BGA600-6-40	6	7.199	6.009	1.524	8.409	0.978	6–4/0

Suggested specifications
Insulated grounding and bonding bushing
(Series BG050-BG600)

Where code requires bonding and grounding of single or multiple metal conduit, or positive bonding and grounding of metal conduit to the box, enclosure or auxiliary gutter, the end of the conduit shall be equipped with an insulated metallic grounding and bonding bushing series BG050-14-20 as manufactured by ABB.

- Grounding and bonding bushings used shall be approved for the purpose and
- (i) Shall be of malleable iron/steel/aluminum construction adequately protected against corrosion.
 - (ii) Bushing insulator shall be listed or certified for 150 °C/302 °F application with a flammability rating of 94V-0. Insulator must be positively locked in place.
- * Mechanical galvanization is available in the 3870 series; add suffix MG to cat. no.

Diagrams

