

TECHNICAL DATA SHEET - INTERACTIVE PDF

Couplings and Adapters, ENT

Quick Connect

Carlon®



01



02



03



04

Couplings, threaded terminal adapters and snap-in terminal adapters for ENT conduits.

Certifications / Standards:



3-Part Specification:
[Tools and Calculators](#)

01 Coupling
02 Snap-in male adapter
03 Threaded male adapter
04 Threaded male adapter
with locknut

Features:

- All polycarbonate design for superior impact strength
- 8 tabs for strong pull out resistance and low insertion force
- Concrete tight design not requiring taping or PVC cement when used with Carlon ENT
- Rotates freely, prevents kinks

Applications:

- Suitable for damp locations

Conforms to:

- UL 1653
– File: E86720
- CSA C22.2 No. 227.1

Materials / Finishes:

- Polycarbonate

Table data:

- [Product selection and dimension](#)

Couplings and Adapter, ENT

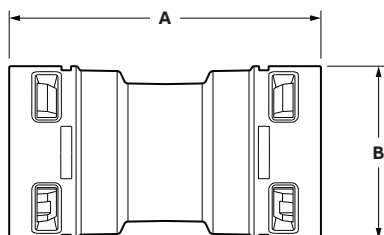
Quick Connect

Product selection and dimensions - Inches (mm)

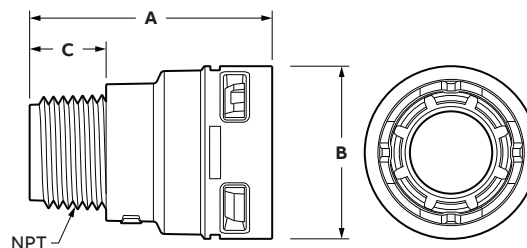
Part no.	Description	Size	A	B	C	NPT Thread size	Part no. Carlton flat washer
A240D2	Coupling	½" (12.7)	2.30 (58)	1.27 (32)	—	—	—
A240D2-10R	Coupling	½" (12.7)	2.30 (58)	1.27 (32)	—	—	—
A240E2	Coupling	¾" (19)	2.30 (58)	1.48 (38)	—	—	—
A240E2-10R	Coupling	¾" (19)	2.30 (58)	1.48 (38)	—	—	—
A240F2	Coupling	1" (25.4)	2.27 (58)	1.74 (44)	—	—	—
A240F2-10R	Coupling	1" (25.4)	2.27 (58)	1.74 (44)	—	—	—
A243D2	Threaded male terminal adapter	½" (12.7)	1.79 (45)	1.27 (32)	0.56 (14)	½-14	—
A243D2-10R	Threaded male terminal adapter	½" (12.7)	1.79 (45)	1.27 (32)	0.56 (14)	½-14	—
A243E2	Threaded male terminal adapter	¾" (19)	1.79 (45)	1.48 (38)	0.56 (14)	¾-14	—
A243E2-10R	Threaded male terminal adapter	¾" (19)	1.79 (45)	1.48 (38)	0.56 (14)	¾-14	—
A243F2	Threaded male terminal adapter	1" (25.4)	1.91 (49)	1.74 (44)	0.69 (17)	1-11	—
A243F2-10R	Threaded male terminal adapter	1" (25.4)	1.91 (49)	1.74 (44)	0.69 (17)	1-11	—
A243DC2	Threaded male terminal adapter w/ steel lock nuts	½" (12.7)	1.79 (45)	1.27 (32)	0.56 (14)	½-14	—
A243EC2	Threaded male terminal adapter w/ steel lock nuts	¾" (19)	1.79 (45)	1.48 (38)	0.56 (14)	¾-14	—
A243FC2	Threaded male terminal adapter w/ steel lock nuts	1" (25.4)	1.91 (49)	1.74 (44)	0.69 (17)	1-11	—
A253D2	Snap-in male terminal adapter	½" (12.7)	1.79 (45)	1.27 (32)	0.56 (14)	—	E943DW
A253D2-10R	Snap-in male terminal adapter	½" (12.7)	1.79 (45)	1.27 (32)	0.56 (14)	—	E943DW
A253E2	Snap-in male terminal adapter	¾" (19)	1.79 (45)	1.48 (38)	0.56 (14)	—	E943EW
A253E2-10R	Snap-in male terminal adapter	¾" (19)	1.79 (45)	1.48 (38)	0.56 (14)	—	E943EW
A253F2	Snap-in male terminal adapter	1" (25.4)	1.91 (49)	1.74 (44)	0.69 (17)	—	E943FW
A253F2-10R	Snap-in male terminal adapter	1" (25.4)	1.91 (49)	1.74 (44)	0.69 (17)	—	E943FW

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

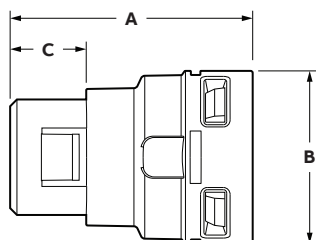
Note: When using A253 series snap-in terminal adapters, E943 series Carlton flat washers must be used at the box end for concrete tightness.



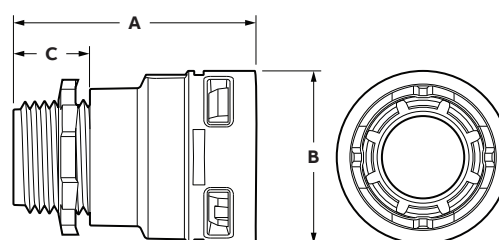
Coupling



Threaded male terminal adapter



Snap-in male adapter



Threaded male terminal adapter w/ steel lock nuts

electrification.us.abb.com (US/LATAM)
tnb.ca.abb.com (Canada)
abb.com

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction – in whole or in part – is forbidden without prior written consent of ABB. © 2024 ABB Installation Products Inc. and/or its related companies. All Rights Reserved.

Product search 



TECHNICAL DATA SHEET - INTERACTIVE PDF

Couplings and Adapters, ENT

Quick Connect

Carlon®



01

02

03

04

Couplings, threaded terminal adapters and snap-in terminal adapters for ENT conduits.

Certifications / Standards:



3-Part Specification:
[Tools and Calculators](#)

01 Coupling
02 Snap-in male adapter
03 Threaded male adapter
04 Threaded male adapter
with locknut

Features:

- All polycarbonate design for superior impact strength
- 8 tabs for strong pull out resistance and low insertion force
- Concrete tight design not requiring taping or PVC cement when used with Carlon ENT
- Rotates freely, prevents kinks

Applications:

- Suitable for damp locations

Conforms to:

- UL 1653
– File: E86720
- CSA C22.2 No. 227.1

Materials / Finishes:

- Polycarbonate

Table data:

- [Product selection and dimension](#)

Couplings and Adapter, ENT

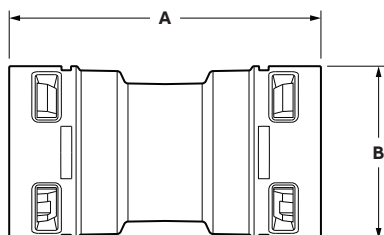
Quick Connect

Product selection and dimensions - Inches (mm)

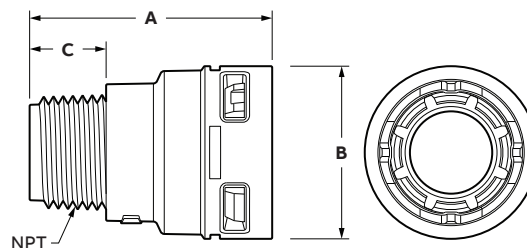
Part no.	Description	Size	A	B	C	NPT Thread size	Part no. Carlton flat washer
A240D2	Coupling	½" (12.7)	2.30 (58)	1.27 (32)	—	—	—
A240D2-10R	Coupling	½" (12.7)	2.30 (58)	1.27 (32)	—	—	—
A240E2	Coupling	¾" (19)	2.30 (58)	1.48 (38)	—	—	—
A240E2-10R	Coupling	¾" (19)	2.30 (58)	1.48 (38)	—	—	—
A240F2	Coupling	1" (25.4)	2.27 (58)	1.74 (44)	—	—	—
A240F2-10R	Coupling	1" (25.4)	2.27 (58)	1.74 (44)	—	—	—
A243D2	Threaded male terminal adapter	½" (12.7)	1.79 (45)	1.27 (32)	0.56 (14)	½-14	—
A243D2-10R	Threaded male terminal adapter	½" (12.7)	1.79 (45)	1.27 (32)	0.56 (14)	½-14	—
A243E2	Threaded male terminal adapter	¾" (19)	1.79 (45)	1.48 (38)	0.56 (14)	¾-14	—
A243E2-10R	Threaded male terminal adapter	¾" (19)	1.79 (45)	1.48 (38)	0.56 (14)	¾-14	—
A243F2	Threaded male terminal adapter	1" (25.4)	1.91 (49)	1.74 (44)	0.69 (17)	1-11	—
A243F2-10R	Threaded male terminal adapter	1" (25.4)	1.91 (49)	1.74 (44)	0.69 (17)	1-11	—
A243DC2	Threaded male terminal adapter w/ steel lock nuts	½" (12.7)	1.79 (45)	1.27 (32)	0.56 (14)	½-14	—
A243EC2	Threaded male terminal adapter w/ steel lock nuts	¾" (19)	1.79 (45)	1.48 (38)	0.56 (14)	¾-14	—
A243FC2	Threaded male terminal adapter w/ steel lock nuts	1" (25.4)	1.91 (49)	1.74 (44)	0.69 (17)	1-11	—
A253D2	Snap-in male terminal adapter	½" (12.7)	1.79 (45)	1.27 (32)	0.56 (14)	—	E943DW
A253D2-10R	Snap-in male terminal adapter	½" (12.7)	1.79 (45)	1.27 (32)	0.56 (14)	—	E943DW
A253E2	Snap-in male terminal adapter	¾" (19)	1.79 (45)	1.48 (38)	0.56 (14)	—	E943EW
A253E2-10R	Snap-in male terminal adapter	¾" (19)	1.79 (45)	1.48 (38)	0.56 (14)	—	E943EW
A253F2	Snap-in male terminal adapter	1" (25.4)	1.91 (49)	1.74 (44)	0.69 (17)	—	E943FW
A253F2-10R	Snap-in male terminal adapter	1" (25.4)	1.91 (49)	1.74 (44)	0.69 (17)	—	E943FW

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

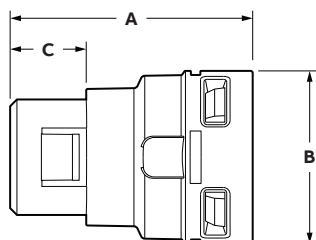
Note: When using A253 series snap-in terminal adapters, E943 series Carlton flat washers must be used at the box end for concrete tightness.



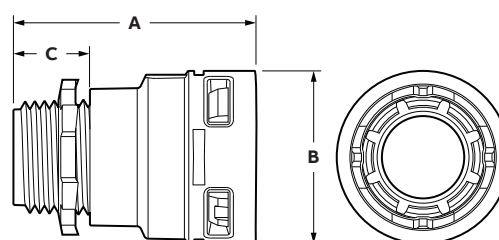
Coupling



Threaded male terminal adapter



Snap-in male adapter



Threaded male terminal adapter w/ steel lock nuts

electrification.us.abb.com (US/LATAM)
tnb.ca.abb.com (Canada)
abb.com

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction – in whole or in part – is forbidden without prior written consent of ABB. © 2024 ABB Installation Products Inc. and/or its related companies. All Rights Reserved.

Product search

