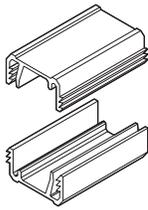


## INSTRUCTION SHEET

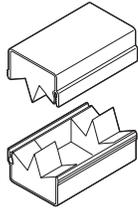
# Insulating hard covers, black

## for H-tap and C-tap connectors

### Color-Keyed®



HTC2



HTC40 through HTC1000L



### Important

Read and understand all instructions and safety information before use. Be aware of proper usage and potential hazards.



#### CAUTION:

- Product should be installed by a qualified electrician in accordance with national and local electrical codes.



#### WARNING:

- Risk of shock, disconnect power before installation.

#### Important:

Follow connector's installation instructions to install cables in connectors. After crimping, remove all sharp edges, flash or burrs so not to damage the foam insulator pads. Uninsulated end of cable should not protrude beyond connector more than 1/4".



#### CAUTION:

- Insulating covers are not reusable.

#### Installation instructions:

For HTC2 insulating cover

1. Includes: Two insulating hard covers and one foam insulator pad.

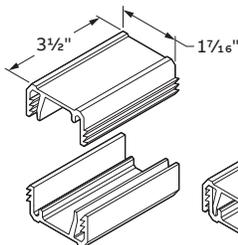
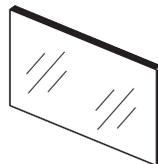


Figure 1 Insulating hard cover



Foam insulator pad

2. Remove the foam pad liner on one side to reveal adhesive, wrap it completely around connector, overlapping the other end (see Figure 2).

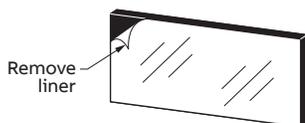
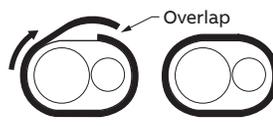


Figure 2 Foam insulator pad



Wrap adhesive side around connector.

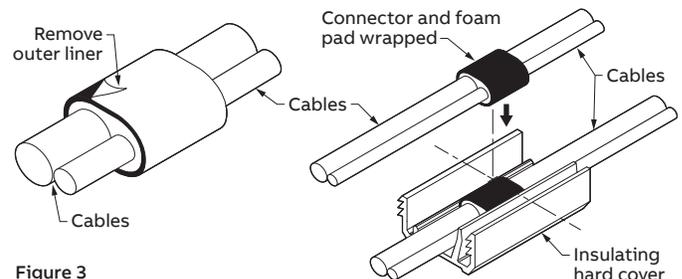


Figure 3

3. Remove the liner from foam insulator pad (on connector) and trim excess liner from overlapped end. Place wrapped connector into the center of one of the insulating hard covers (see Figure 3).
4. Align the remaining insulating hard cover over the wrapped connector installed in the hard cover (see Figure 4).
5. Use the palm of your hands or slip-joint pliers, to squeeze cover closed. Ensure inner and outer teeth are engaged.

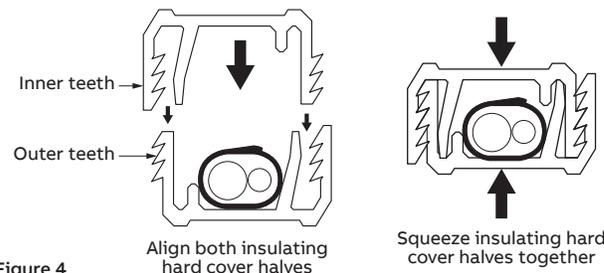


Figure 4

**Installation instructions:**  
For HTC40 through HTC1000L insulating covers

1. Includes: Two insulating hard covers and two foam insulator pads.

Product selection - dimensions (inches)			
Part no:	A (length)	B (thick)	C (width)
HTC40	4 1/4	1 9/16	2
HTC500	6	1 3/4	2 3/4
HTC1000	7	2 3/8	3 7/8
HTC1000L	10	2 3/8	3 7/8

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

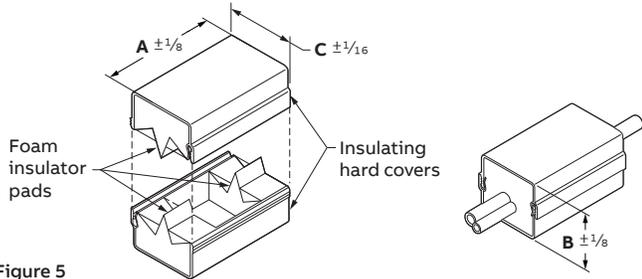


Figure 5

- Remove the filler tabs from foam insulator pads for cable size 400 MCM or larger (see Figure 6).
- Place connector into the center of one of the insulating hard covers. Place 400 MCM or larger cable where filler tabs were removed (see Figure 6).

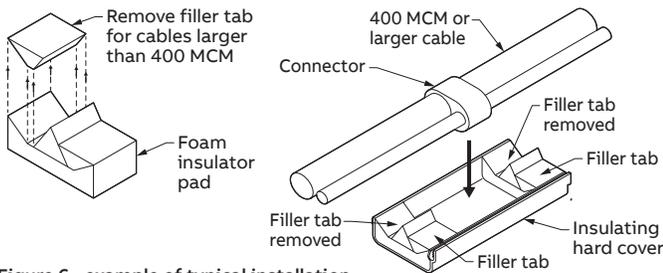


Figure 6 - example of typical installation

- Align the remaining insulating hard cover over the connector installed in the hard cover (see Figure 7).
- Use the palm of your hands or slip-joint pliers, to squeeze insulating hard cover closed. Ensure inner and outer teeth are engaged (see Figure 7).

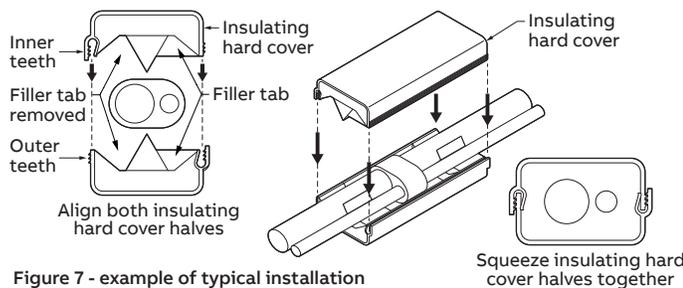


Figure 7 - example of typical installation

electrification.us.abb.com (US/LATAM)  
tnb.ca.abb.com (Canada)  
abb.com  
Warranty: tnb.abb.com/ecp/warranty

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**Aluminum H-Tap applications:**

Product selection - dimensions (inches)			
Part no: Covers	Figures	Part No: H-Taps	Color code
HTC2	1 - 4	63105	Orange
HTC40	5 - 7	63110	Green
		63118	Green
		63125	Green
		63140	Blue
HTC500	5 - 7	63148	Blue
		63160	Red
HTC1000L	5 - 7	63170	Black
HTC1000	5 - 7	63148	Black
		63169	Black

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

**Copper C-Tap applications:**

Product selection - dimensions (inches)			
Part no: Covers	Figures	Part No: C-Tap	Color code
HTC40	5 - 7	54720	Brown
		54725	Green
		54730	Pink
		54755	Blue (Note 2)
		54760	Brown (Note 2)
		54760	Brown (Note 2)
HTC40L2	5 - 7	54735	Black
		54740	Orange
		54745	Purple
		54750	Yellow
		54750	Yellow
HTC500	5 - 7	54765	Pink (Note 2)
		54770	Black
		54775	Yellow
		54780	—
		54785	—
		54790	—
HTC1000	5 - 7	54790	—

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

**Copper H-Tap applications:**

Product selection - dimensions (inches)		
Part no: Covers	Figures	Part no: H-Tap
HTC40	5 - 7	CHT25014-7
		CHT250214-8
		CHT214-9
		CHT2502-6
HTC500	5 - 7	CHT50040-4
		CHT50010-5
		CHT750350-2
		CHT75010-3
HTC1000	5 - 7	CHT750350-1F

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

Product search

