



## HEAT SHRINK HALOGEN-FREE CABLE BREAKOUTS (CBR)

FOR POWER CABLES UP TO 1 kV

### KEY FEATURES

- High electrical characteristics and mechanical strength for low voltage applications
- Medium-wall, cross-linked polyolefin. UV-stabilized against irradiation and weathering
- Halogen and silicon-free material content, non-corrosive, non-toxic and free of lead and aluminium
- Inline coated with hot melt adhesive inside body and fingers
- Color black, > 2.5:1 shrink ratio
- Unlimited shelf-life

TE Connectivity's (TE) Raychem medium-wall heat shrink cable breakouts are designed for insulation and cable crutch protection on low voltage cable accessories, such as low voltage terminations. They are also used in sealing against moisture and mechanical protection in low voltage splices, especially in transition joints.

On application of heat, the cable breakouts shrink to the original smaller diameter, fitting tightly over a wide range of cable sizes and cable accessories because of their high shrink ratio. At the same time the breakout sealant coating at the fingers and the body inner walls give a reliable moisture seal on a high variety of substrate materials used on energy cables.

TE's Raychem cable breakouts are fast and easy to install and have proven their long-term reliability in operation, as well as in harsh climatic conditions and polluted environments.

The cable breakouts are available in many sizes, for 2-core up to 5-core cable, covering a wide range of core and cable diameters.

The material content of the breakouts is halogen-free and stabilized against UV irradiation. The breakouts have an unlimited shelf-life when stored under normal conditions.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**

## Heat Shrink Halogen-free Cable Breakouts CBR



### PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (MM)

Description	Body Use Range (min. - max.)	Finger Legs Use Range (min. - max.)	Standard Pack	Cross Section
CBR-2-1-A	0.35 - 1.00 (9 - 25)	0.15 - 0.55 (4 - 14)	3	
CBR-2-2-A*	1.25 - 1.70 (32 - 43)	0.30 - 0.75 (8 - 19)	3	
CBR-2-3-A	1.65 - 3.00 (42 - 76)	0.65 - 1.40 (17 - 36)	3	
CBR-3-1-A	0.50 - 1.35 (13 - 34)	0.20 - 0.55 (5 - 14)	3	
CBR-3-2-A*	0.85 - 2.20 (22 - 56)	0.35 - 0.90 (9 - 23)	3	
CBR-3-3-A*	1.10 - 2.90 (28 - 74)	0.50 - 1.25 (13 - 32)	3	
CBR-3-4-A	2.35 - 5.65 (60 - 144)	1.20 - 2.10 (30 - 53)	3	
CBR-4-1-A	0.70 - 1.25 (18 - 32)	0.15 - 0.45 (4 - 11)	3	
CBR-4-2-A*	1.00 - 2.10 (25 - 53)	0.35 - 0.90 (9 - 23)	3	
CBR-4-3-A*	1.20 - 3.50 (30 - 89)	0.55 - 1.40 (14 - 36)	3	
CBR-4-4-A	2.35 - 6.05 (60 - 154)	0.90 - 1.90 (23 - 49) phase	3	
		0.75 - 1.50 (19 - 39) ground		
CBR-6-1-A*	1.45 - 3.85 (37 - 98)	0.60 - 1.50 (15 - 38) phase	3	
		0.30 - 0.75* (8 - 19) ground		
CBR-6-2-A*	2.65-5.30 (67 - 135)	0.90 - 2.20 (23 - 56) phase	3	
		0.40 - 0.95* (10 - 24) ground		

\*CBR-Plugs are for blocking and sealing unused legs of breakouts. The plug will fit those items asterisked (\*) above. Dimension values provided are typical.

### ORDERING INFORMATION

Bulk options are also available. Consult your TE representative.

[te.com/energy](http://te.com/energy)

© 2019 TE Connectivity Ltd. All Rights Reserved. EPP-4000-01/19-EN

Raychem, TE Connectivity and TE connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

### FOR MORE INFORMATION: TE Technical Support Centers

USA:	+ 1 800 327 6996
Canada:	+ 1 (905) 475-6222
Mexico:	+ 52 (0) 55-1106-0800
Latin/S. America:	+ 54 (0) 11-4733-2200
France:	+ 33 380 583 200
UK:	+ 44 0870 870 7500
Germany:	+ 49 896 089 903
Spain:	+ 34 916 630 400
Italy:	+ 39 333 250 0915
Benelux:	+ 32 16 508 695
Russia:	+ 7 495-790 790 2-200
China:	+ 86 (0) 400-820-6015