



Energy Division

## Raychem elastomeric insulating bushing boot RCAB for bushings up to 17.5 kV



59B Apostolopoulou str.  
15231 Chalandri – Athens Greece  
Tel: +30 210 6754801, Fax: +30 210 6754804  
[info@enia.gr](mailto:info@enia.gr)  
[www.enia.gr](http://www.enia.gr)



Our commitment. Your advantage.

# Raychem elastomeric insulating bushing boot RCAB for bushings up to 17.5 kV

## Features

- Tool free application
- High-performance insulation material
- Excellent track and erosion resistance
- Removable and reinstallable

## Benefits

- Simple and easy installation
- Unlimited shelf life
- Connection can be energised immediately after installation
- One product for inline and right angle application

## RCAB family



Raychem RCAB-Right angle or inline application up to 17.5 kV



Collar for smaller bushing diameters



Universal screw EXRM-1366

Raychem elastomeric insulating boots are moulded parts which fit over the connection between the cable lug and the inline or right-angled equipment bushing to improve phase-to-phase and phase-to-ground insulation. They are used in switchgear and transformer cable boxes where the air clearances are insufficient for normal operation, or to protect against flashover due to rodents or high humidity.

The non-tracking elastomeric housing has excellent erosion resistance, dielectric properties and environmental resistance, giving superb performance in areas of high humidity and electrical stress.

Raychem RCAB-Boots work in combination with all Raychem termination product lines including both elastomeric and traditional heatshrink technology.

Raychem RCAB-Boots are quick and easy to install and do not require any taping of the bushing or the termination. The boot can easily be removed and reinstalled without the need for additional material or tooling, allowing access to the bushing connection for test purposes.

The universal screw EXRM-1366 is available on request.

## Technical data:

	RCAB 4110	RCAB 4120
Maximum system voltage	17.5 kV	17.5 kV
Basic impulse level	95 kV	95 kV
Collar size	No.1	none
Bushing diameter	31 - 45 mm	46 - 70 mm
Bushing types: to DIN, CENELEC, ANSI	-	400/630 A
Cable cross section	35 - 400 mm <sup>2</sup>	35 - 400 mm <sup>2</sup>

## Ordering Information: RCAB-4110, RCAB-4120

Each kit contains elastomeric insulating boots, collars (if required) for three phases and installation instructions.

## Related Product Information:

Test report PPR 1336



While Tyco Electronics and its affiliates referenced herein have made every reasonable effort to ensure the accuracy of the information contained in this catalog, Tyco Electronics cannot assure that this information is error free. For this reason, Tyco Electronics does not make any representation or offer any guarantee that such information is accurate, correct, reliable or current. Tyco Electronics reserves the right to make any adjustments to the information at any time. Tyco Electronics expressly disclaims any implied warranty regarding the information contained herein, including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. Tyco Electronics' only obligations are those stated in Tyco Electronics' Standard Terms and Conditions of Sale. Tyco Electronics will in no case be liable for any incidental, indirect or consequential damages arising from or in connection with, including, but not limited to, the sale, resale, use or misuse of its products. Users should rely on their own judgement to evaluate the suitability of a product for a certain purpose and test each product for its intended application. In case of any potential ambiguities or questions, please don't hesitate to contact us for clarification. TE (logo), Tyco Electronics and Raychem are trademarks of the Tyco Electronics group of companies and its licensors.

**Energy Division - innovative and economical solutions for the electrical power industry: cable accessories, connectors & fittings, insulators & insulation, surge arresters, switching equipment, lighting controls, power measurement and control.**

Tyco Electronics Raychem GmbH  
Energy Division  
Finsinger Feld 1  
85521 Ottobrunn/Munich, Germany

Phone: +49-89-6089-0  
Fax: +49-89-6096345

<http://energy.tycoelectronics.com>

 **Tyco Electronics**

Our commitment. Your advantage.