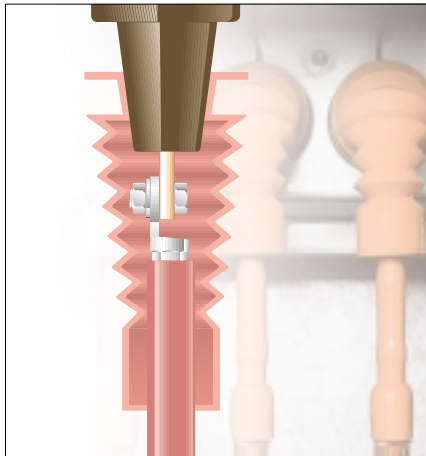
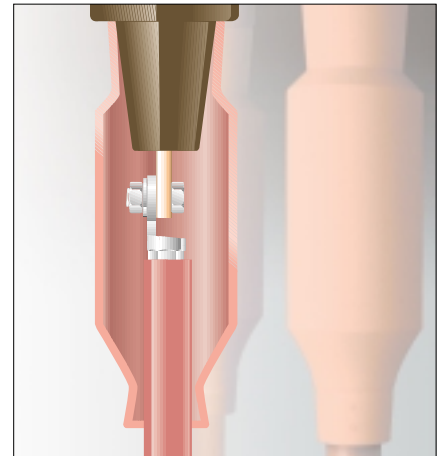


# RCAB – Elastomeric insulating bushing boot for bushings up to 17.5 kV and 24 kV



RCAB right angle or inline application up to 17.5 kV



RCAB inline application up to 24 kV

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.

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

The insulating body is supplied in a 3-phase set complete with installation instruction. Fixing bolts, terminal stud and cable lugs are not included. Terminal studs with a M16 thread can be ordered separately as EXRM-1366. The adapter is to be used in combination Raychem terminations.

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

## RCAB adapter

Voltage class (U <sub>0</sub> / U (Um))kV	Cable type	Application range (mm <sup>2</sup> )	Type of indoor termination	Part Number
6.35 / 11 (12)kV	Polymeric 1C & 3C	35 to 300	IXSU-F, POLT, EPKT, TFTI	RCAB 4120
12.7 / 22 (24)kV	Polymeric 1C & 3C	50 to 300	IXSU-F, POLT, EPKT, TFTI	RACB 5120

## Tests

The adapters meet Cenelec HD629.1S1, IEC 540, VDE 0278 and ANSI IEEE 386 standards, as well as the Raychem specification PPS 3013,

in addition they were type tested together with most switchgear. The test requirements and results are summarised in Raychem test reports, which are available on request.

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale. ALR, AMP, AXICOM, B&H, BOWTHORPE EMP, DORMAN SMITH, DULMISON, GURO, HELLSTERN, LA PRAIRIE, MORLYNN, RAYCHEM, and SIMEL are trademarks. CROMPTON is a trademark of Crompton Parkinson Ltd. and is used by Tyco Electronics under licence.



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Tyco Electronics Raychem GmbH, Energy Division  
Finsinger Feld 1, 85521 Ottobrunn/Munich, Germany  
Phone: +49-89-6089-0, Fax: +49-89-6096345