

25 - 63A Residual Current Circuit Breaker (RCCB) 25 - 63A

CERTIFICATE OF TESTS

Certified that this Hager RCCB was tested for compliance to all routine tests specified in IS12640

Type

1. Test of Sensitivity	OK
2. Tripping Time	OK
3. Tripping Current	OK
4. Performance of Test Device	OK
5. H.V. Test at 2,5 KV	OK

Warning

Is 12640 - Part 1 recommends that RCCB should not be considered as a sole means of protection. It is essential to provide proper earthing. All parts of the system should be properly insulated. RCCB does not eliminate the electric shock but limits duration of passage of current through human body to such a short time, probabilities of a lethal effect are reduced to a minimum.



(GB) For the tripping times verification tests, in an electrical installation, Hager certifies that the RCDs, of the Hager brand, conforming to standards EN 61008-2-1, EN 61009-2-1, trip under a current of 5* Δn in accordance with the times imposed in table 41.1 of standard DIN VDE 0100-410 (VDE 0100-410) 2018-10.



Advice

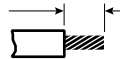
Products should be installed inside suitable IP rated enclosures to prevent dust entering inside the mechanism.

RCCBs should be installed in an enclosure with minimum IP5X protection level, when used in excessive dusty environments like construction sites, cement/mineral plant setc, or outdoor applications.

RCCBs should be used along with SCPDs like MCBs connected downstream.



14 mm max. 25 - 63 A

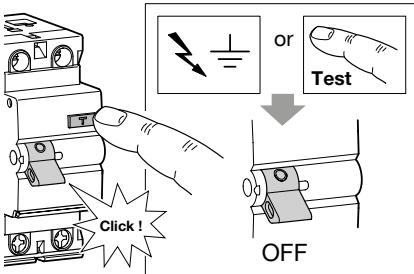


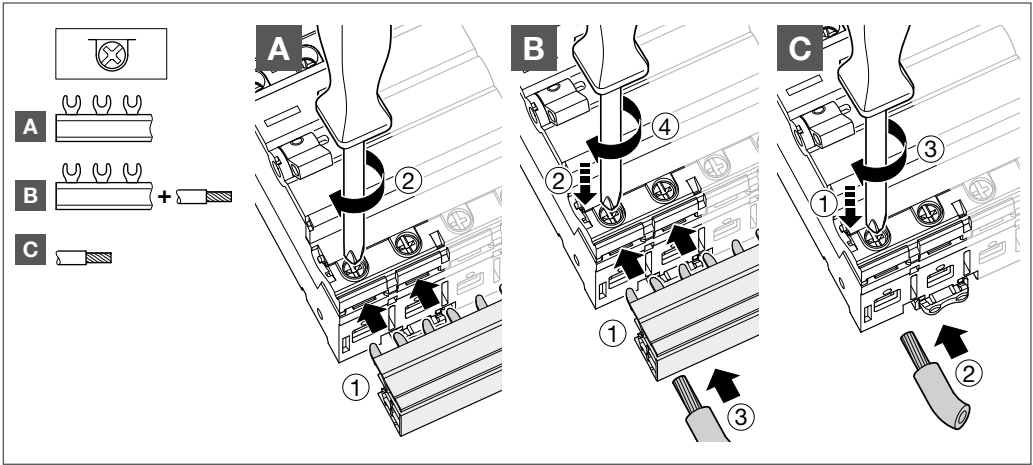
16 mm²



25 mm²

Test : Test regularly : RCCB must trip.





I^2t , I_p (IEC 61008-1 & IS 12640-Part 1)

Protection against over-current:

RCCBs without overload protection have to be properly protected against over-current by using backup fuse or MCBs as per table below:

 or 		 gG Fuse			 NB, NC, ND MCB		
		25 A	40 A	63 A	25 A	40 A	63 A
	RCCB 2 & 4 ■						
	25 A	X			X		
	40 A		X			X	
	63 A			X			X

Warranty

A warranty period of 24 months is offered on Hager products, from date of manufacture, relating to any material or manufacturing defect.

If any product is found to be defective it must be returned via the installer and supplier (wholesaler).

The warranty is withdrawn if, after inspection by Hager quality control dept the device is found to have been installed in a manner which is contrary to IEE wiring regulations and accepted practice within the industry at the time of installation and/or the procedure for the return of goods has not been followed. Explanation of defect must be included when returning goods.