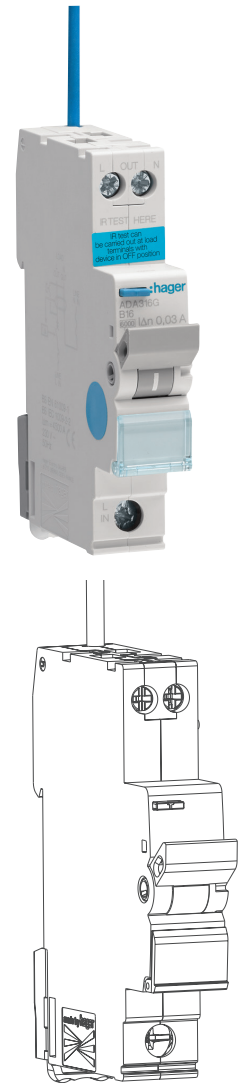


# Residual Current Circuit Breaker 6kA 6A - 32A B Curve Type A

For the overcurrent and 30mA residual current protection of final circuits from 6-32A. A compact single module, single pole and solid neutral device to BS EN 61009-1 and BS IEC 1009-2-2.

The **ADA\*\*\*G** range of RCBO allows compliance with BS 7671:2008 regulations; 411.3.3 additional protection by means of a 30mA RCD, 314.1&2 segregation of circuits to avoid danger and minimise inconvenience in the event of a fault, 522.6.202 protection of wiring concealed in walls or partitions for residential applications when installed in a consumer unit.

Insulation resistance testing can be carried out on the outgoing terminals with device in the off position without disconnecting line or neutral conductors.



ADA332G

Description	Cat ref.
1P 6kA B-6A 30mA Type A	ADA306G
1P 6kA B-10A 30mA Type A	ADA310G
1P 6kA B-16A 30mA Type A	ADA316G
1P 6kA B-20A 30mA Type A	ADA320G
1P 6kA B-25A 30mA Type A	ADA325G
1P 6kA B-32A 30mA Type A	ADA332G

## Features & Benefits

- Reduced height provides increased wiring space during installation
- Removal of functional earth allows a faster neater installation
- Removal of functional earth makes testing easier and quicker
- Bottom din rail clip allows removal from consumer unit with no requirement to remove busbar
- Anti counterfeiting number gives installer peace of mind that genuine products are being installed.
- IR testing without disconnecting conductors

## Technical Characteristics

Standard	BS EN 61009-1 BS IEC 1009-2-2
Curve	B
Pole	1P (unswitched neutral)
Neutral Position	Right
Technology	Electronic
Rated Current ( $I_n$ )	6, 10, 13, 16, 20, 25, 32A
Rated Voltage ( $U_n$ )	230/240Vac +10/-15%
Rated Frequency	50 Hz +/-5%
Rated Short-Circuit Capacity ( $I_{cN}$ ) EN 61009-1 / IEC 61009-1	6000 A Range
Breaking Capacity ( $I_{CS}$ ) EN 61009-1 / IEC 61009-1	6kA
Energy Limiting Class	3
Rated Residual Making and Breaking Capacity ( $I_{\Delta m}$ ) EN 61009-1 / IEC 61009-1	4500A
Rating Insulation Voltage ( $U_i$ ) according to EN 61009-1 / IEC 61009-1	250 V
Rated Impulse Voltage ( $U_{imp}$ )	4kV
Neutral Lead Length	300mm
Electrical Endurance	16 000 cycles en moyen sur 3éch (operations with $I_n \times \cos \phi 0.9$ )
Mechanical Endurance	10 000 cycles
IP rating	Terminals IP2X
Calibration Temperature According to EN 61009-1	30°C
Working Temperature	-25°C up to 70°C ( with derating table)
Storage Temperature	-25°C up to 80°C
Pollute Degree	2
Dielectric Strength	2000V
Case Material	PA66 + 25%GF
Mounting	All positions
Supply Side	Bottom for Ph / Flyinglead for N
Connection Capacity	25mm <sup>2</sup>
Nominal Tightening Torque	Ph in 1.8Nm / Load 1.2Nm
Thermal & Magnetic Default Indicator	Toggle
Installation Altitude	4000m
Bottom Din Clip Type	2-Position
Din Clip Type	Plastic
RoHs	Voluntary Conformity
Warranty	2 Years

## Dimensions (mm)

