

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.



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.

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 ²
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)

