

Product Code:

AFR16B1

Product Range:

6kA B Curve,AFDDs,AFRs,Circuit Protection Devices

Issue Date:

02/12/2025

Description:

16A B Curve, 30mA Type A, Double Pole Combined AFDD / RCBO Bidirectional

Features:

- Series and parallel arc fault detection
- Combined arc fault detection, short circuit, overload and earth leakage detection
- Bidirectional
- 30mA Type A earth leakage detection
- B curve thermal tripping characteristics
- Durable thermoplastic moulding
- Fits existing busbar system
- Self testing (AFDD function only)

**Technical:**

Height	116mm
Width	17.5mm
Depth	66.8mm
Short circuit rating	6kA
Terminal cable capacity	10mm ² Out
Mcb type	B Curve
Mounting	Din Rail
Guarantee	10 Years
Frequency	50 Hz
Current rating	16A
Rated operated voltage	230V
Incoming terminal capacity	25mm ²
Number of modules	1
Packaging types	Each
Product range	Arc Fault Detection Devices/RCBO
Standards	BS EN 62606 & BS EN 61009
Operating characteristics	Type A
Material	PBT Case
Compliance	Electromagnetic Compatibility Directive 2014/30/EU
Manufacturer	Proteus Switchgear. Pipers Road. Redditch. Worcestershire. B98 0HU. United Kingdom.
Bidirectional	Yes

Proteus Switchgear Website:W: proteusswitchgear.co.uk

DECLARATION of CONFORMITY

Product Code:

AFR16B1

Description:

16A B Curve, 30mA Type A, Double Pole Combined
AFDD / RCBO Bidirectional

**Intended Purpose:****Manufacturer:**

Proteus Switchgear. Pipers Road. Redditch.
Worcestershire. B98 0HU. United Kingdom.

Ratings & Characteristics:

Voltage Rating	230V
Current Rating	16A
Frequency	50 Hz

Compliance:

Electromagnetic Compatibility Directive
2014/30/EU, Low Voltage Directive 2014/35/EU,
Restriction of the use of certain hazardous
substances directive 2011/65/EU, Waste Electrical
and Electronic Equipment directive 2012/19/EU

Designated Standards:

BS EN 62606 & BS EN 61009



I declare that the object of the declaration above is in conformity with the relevant harmonization legislation and national standards.

Signed for and on behalf of Proteus Switchgear

Date:

02/12/2025

Peter Hemming.
Business Manager.