

**Product Code:**

AFR20C1

**Product Range:**

AFDDs,Circuit Protective Devices

**Issue Date:**

09/02/2024

**Description:**

20A C 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
- 30 mA Type A earth leakage detection
- B & C curve thermal tripping characteristics
- Durable thermoplastic moulding
- Fits existing busbar system
- Self testing

**Technical:**

<b>Height</b>	116mm
<b>Width</b>	17.5mm
<b>Depth</b>	66.8mm
<b>Short circuit rating</b>	6kA
<b>Terminal cable capacity</b>	10mm <sup>2</sup> Out
<b>Number of poles</b>	2 Pole
<b>Mounting</b>	Din Rail
<b>Guarantee</b>	10 Years
<b>Frequency</b>	50 Hz
<b>Current rating</b>	20A
<b>Rated operated voltage</b>	230 v
<b>Incoming terminal capacity</b>	25mm <sup>2</sup>
<b>Number of modules</b>	1
<b>Packaging types</b>	Each
<b>Product range</b>	Arc Fault Detection Devices
<b>Standards</b>	BS EN 62606 & BS EN 61009
<b>Operating characteristics</b>	C Curve
<b>Material</b>	PBT Case
<b>Compliance</b>	Electromagnetic Compatibility Directive 2014/30/EU
<b>Intended use</b>	Overload and short circuit and earth leakage protection of 230 V circuits with integrated parallel and serial arc fault disconnection.
<b>Manufacturer</b>	Proteus Switchgear. Pipers Road. Redditch. Worcestershire. B98 0HU. United Kingdom.
<b>Bi directional</b>	Yes

**Proteus Switchgear Website:**

**W:** [proteusswitchgear.co.uk](http://proteusswitchgear.co.uk)

# DECLARATION of CONFORMITY

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20A C Curve, 30mA Type A, Double Pole Combined  
AFDD / RCBO Bidirectional

**Intended Use:**

Overload and short circuit and earth leakage protection of 230 V circuits with integrated parallel and serial arc fault disconnection.

**Manufacturer:**

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

**Ratings & Characteristics:**

Voltage Rating	230 v
Current Rating	20A
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:**

09/02/2024



Kieran Jenkins.  
Senior Works Manager.