

# niGLON™

## Circuit Protection

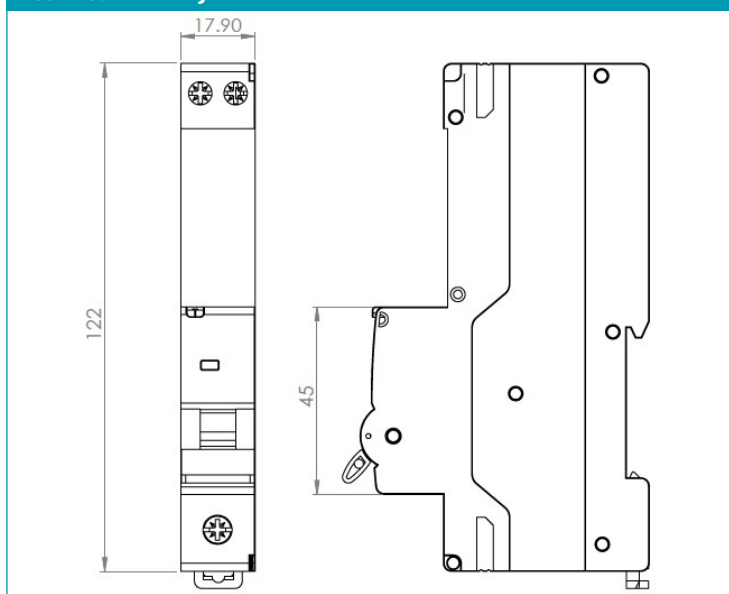
### AFDD6B1-\*\*A2

Arc Fault Detection Device  
(RCBO) Bi-directional B  
Curve 1P+N Type A



**Installation Advisory** Sensitivity of AFDD devices can be affected by radio-frequency emission disturbances. Equipment used on the installation which is damaged or non-compliant to the electromagnetic compatibility (EMC) requirements defined in the standards CISPR 14-1 and DIN EN 61000-6-3 can affect the sensitivity of the device. This should be taken into consideration upon completion of the installation.

#### Technical Drawing



#### Technical Specifications

Max Rating	230V
RCD Type	A
Tripping Curve	B
Breaking Capacity	6kA
Tripping Current	30mA
Cable Capacity	L=25mm <sup>2</sup> , L/N=10mm <sup>2</sup>
Torque Rating	L=2.5Nm, L/N=1.2Nm
Standards	BS EN 61009-1, BS EN 62606 Intertek, Semko, CE, UKCA
Arc Fault Detection	Series & Parallel
Bi-directional	Yes
List No.	Rating
AFDD6B1-6A2	6A 30mA B Curve Type A
AFDD6B1-10A2	10A 30mA B Curve Type A
AFDD6B1-16A2	16A 30mA B Curve Type A
AFDD6B1-20A2	20A 30mA B Curve Type A
AFDD6B1-32A2	32A 30mA B Curve Type A
AFDD6B1-40A2	40A 30mA B Curve Type A
LED Indication:	1.5sec cycle x 30:
Leakage Fault	4 Flashes-Pause-4 Flashes-
Series Arc Fault	1 Flash-Pause-1 Flash-
Parallel Arc Fault	2 Flashes-Pause-2 Flashes-
Over Voltage Fault	3 Flashes-Pause-3 Flashes-
Self-Test Fault	Sustained Flashing
Normal Operation	Steady White Light