



Combined AFDD & RCBO

Description

A wide range of Combined Arc Fault Detection (AFDD) and RCBO for use with DETA consumer units and are ideal for domestic new build installations and refurbishments.

Features

- Single Pole and Switched Neutral, Arc Fault Detection Device combined with a type A RCBO
- Protection against fires started by electric serial/parallel arc faults
- Additional protection against earth leakage, overvoltage and short circuits
- Terminals have an automatic blanking plate, preventing incorrect termination
- Max torque settings conveniently printed on side and front of device
- Integrated LED indicates reason for last break of the circuit Breaker
- 1 module width
- 35mm DIN rail mounting
- 5-year guarantee

Technical Specification

Voltage (Un)	240V ac
Current Rating (In)	See Range
Rated frequency	50/60Hz
Arc Fault Detection	Serial and Parallel
Residual Operating Current (IΔn)	30mA (AC and 6 mA pulsating DC)
MCB Tripping Characteristics	B & C Curve
Number of poles	1P + Switched Neutral
Short Circuit Breaking Capacity	6kA
Electrical Endurance	4,000 Cycles
Mechanical Endurance	10,000 Cycles
Terminal Tightening	Top – 1.2 Nm
Torque of screws	Bottom – 2.5 Nm
Housing Material	PA6

Range

AFDD RCBO 6kA

Type A Curve B

Item	Description
TX2606	6A 30MA 1+SwN RCBO/AFDD B CURVE 6KA
TX2610	10A 30MA 1+SwN RCBO/AFDD B CURVE 6KA
TX2616	16A 30MA 1+SwN RCBO/AFDD B CURVE 6KA
TX2620	20A 30MA 1+SwN RCBO/AFDD B CURVE 6KA
TX2625	25A 30MA 1+SwN RCBO/AFDD B CURVE 6KA
TX2632	32A 30MA 1+SwN RCBO/AFDD B CURVE 6KA
TX2640	40A 30MA 1+SwN RCBO/AFDD B CURVE 6KA

Type A Curve C

Item	Description
TX2606C	6A 30MA 1+SwN RCBO/AFDD C CURVE 6KA
TX2610C	10A 30MA 1+SwN RCBO/AFDD C CURVE 6KA
TX2616C	16A 30MA 1+SwN RCBO/AFDD C CURVE 6KA
TX2620C	20A 30MA 1+SwN RCBO/AFDD C CURVE 6KA
TX2625C	25A 30MA 1+SwN RCBO/AFDD C CURVE 6KA
TX2632C	32A 30MA 1+SwN RCBO/AFDD C CURVE 6KA
TX2640C	40A 30MA 1+SwN RCBO/AFDD C CURVE 6KA

Compatible with the Timeguard TX series of consumer units only

Dimensions

Height	116mm
Width	18mm
Depth	72mm

Standards

- IEC/BS EN 61009-1
- IEC/BS EN 62606
- BS EN 61543