



EXUR3 Adjustable Overvoltage and Undervoltage Current Protector

Application Scope

An integrated, intelligent protection device combining over-voltage, under-voltage, and over-current protection. In the event of a fault, the device instantly cuts off the power supply to safeguard the equipment and supports fully automatic power restoration once conditions normalize.

Intelligent and fully adjustable: All key parameters—such as protection thresholds and reset values for voltage and current, as well as circuit recovery and reset timings—can be customized.

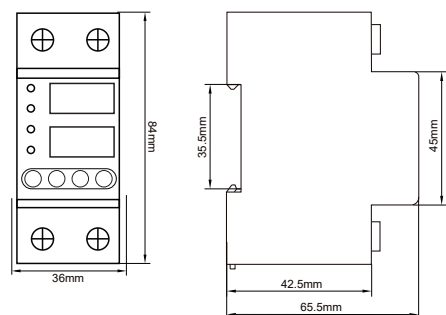
Suitable for all scenarios: Widely applicable in low-voltage power distribution areas, including homes, shopping malls, schools, and factories.

Technical Parameters

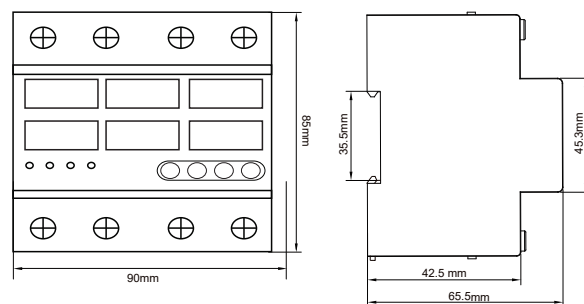
Model	EXUR3
Number of Poles	1P+N, 3P+N
Rated Operational Voltage	AC 220V
Rated Operational Current	1–40A adjustable (default 40A), 1–63A adjustable (default 63A) 1–80A adjustable (default 80A), 10–100A adjustable (default 100A)
Rated Operational Frequency	50Hz/60Hz
Over-voltage Trip Threshold	240V–300V adjustable (default 270V)
Over-voltage Recovery Threshold	235V–295V AC adjustable (starts 5V below over-voltage threshold; default 265V)
Under-voltage Trip Threshold	140V–200V adjustable (default 170V)
Under-voltage Recovery Threshold	145V–205V AC adjustable (starts 5V above under-voltage threshold; default 175V)
Over-current Trip Threshold	40A: 1–40A adjustable (default 40A); 63A: 1–63A adjustable (default 63A) 80A: 1–80A adjustable (default 80A); 100A: 10–100A adjustable (default 100A)
Power-on and Power-restoration Delay Time	1–300s adjustable (default 5s)
Over/Under-voltage Recovery Delay Time	5–300s adjustable (default 30s)
Over-current Recovery Delay Time	30–300s adjustable (default 30s)
Over-current Trip Delay Time	6s (over-current condition confirmed and protection triggered if duration exceeds this time)
Electrical and Mechanical Life	>100,000 operations
Mounting Method	Standard DIN-rail mounting

Appearance and Dimensions

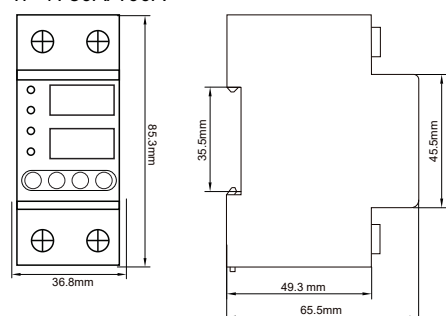
1P+N 40A/63A



3P+N 63A



1P+N 80A/100A



3P+N 100A

