



## WARB3 Automatic Reset Breaker with PME Fault Protection

### Description

WARB3 Automatic Reset Breaker with PME fault protection, designed to be compliant with BS 7671:2018 Amendment 1 (2020), Regulation 722.411.4.1 (iv)—which relates to protective measures for Electric Vehicle (EV) charging installations where PME faults could occur.

### Function

- Built-in PME Fault Detection
- NO EARTH ELECTRODES REQUIRED
- Manual or auto reset function (PME fault only)
- Helps reduce disruptive and costly groundworks
- Removes the risk of striking buried services
- Over current protection

### Typical Applications

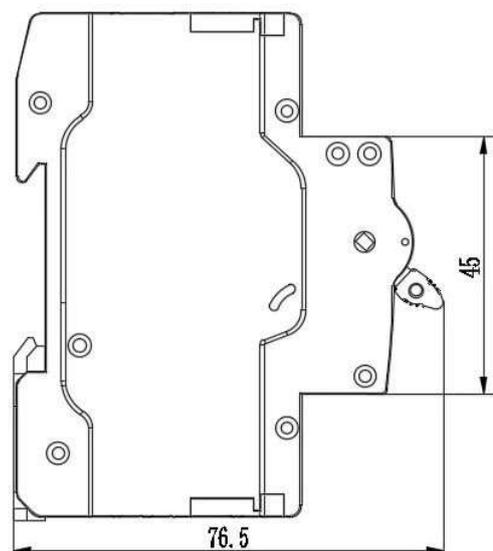
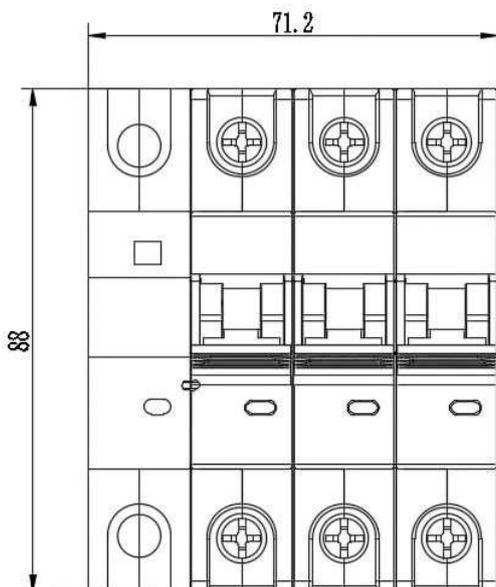
EV charge points (residential/commercial)

Single-phase feeder pillars

Distribution panels

Other installations requiring PME fault protection

Part No.	Description
WARB340C	Single phase 40A C curve Automatic reset breaker with PME Fault Protection
WARB3100C	Single phase 100A C curve Automatic reset breaker with PME Fault Protection





## Technical Data

Product code	WKT	
	Standard	IEC 60898-1, BS EN 60898-1
Electrical features	Rated current $I_n$ (A)	40, 100
	Module	4 mod
	Rated voltage $U_e$ (V)	230~
	Insulation voltage $U_i$ (V)	500
	Rated frequency	50/60Hz
	Rated breaking capacity	6 kA
	Energy limiting class	3
	Rated impulse withstand voltage (1.2/50) $U_{imp}$ (V)	4000
	Dielectric test voltage at ind. Freq. for 1 min (kV)	2
	Pollution degree	2
	Thermo-magnetic release characteristic	C
Mechanical features	Electrical life	1,500 ( $I_n=40A, 63A$ ), 1,000 ( $I_n=100A$ )
	Mechanical life	8,500 ( $I_n=40A, 63A$ ), 7,000 ( $I_n=100A$ )
	Contact position indicator	Yes
	Protection degree	IP 20
	Reference temperature for setting of thermal element(°C)	30
	Ambient temperature (with daily average $\leq 35^\circ\text{C}$ )	-5...+40
	Storage temperature(°C)	-25. . . +70
Installation	Terminal connection type	Cable/U-type busbar/Pin-type busbar
	Terminal size top/bottom for cable	35mm <sup>2</sup> / 18-2 AWG
	Terminal size top/bottom for busbar	10mm <sup>2</sup> / 18-8 AWG
	Tightening torque	3 N.m / 27In-lbs.
	Mounting	On DIN rail EN 60715 (35mm)
	Connection	From top and bottom