

SUPERIOR **K** RCCB



FOR K FAMILY &
ENERGY SAVING
SOLUTIONS



Type B RCCB

Provides protection for sine AC residual current with 1000Hz and below, DC pulsating residential current, compound residential current and smooth DC residential current, with high trip resistance.

AUR8 10kA RCCB

- In=16, 25, 40, 63, 80, 100A
- Poles: 1P+N, 3P+N
- 30, 100, 300mA
- IEC/EN 61008-1 AS/NZS 61008.1

Type AC



Type A



R8B 10kA Type B RCCB

- In=16, 25, 40, 63, 80A
- Poles: 1P+N, 3P+N
- 30, 100, 300mA
- IEC/EN 61008-1 IEC/EN 62423

Type B



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ENERGY SAVINGS
WITH AOELEC

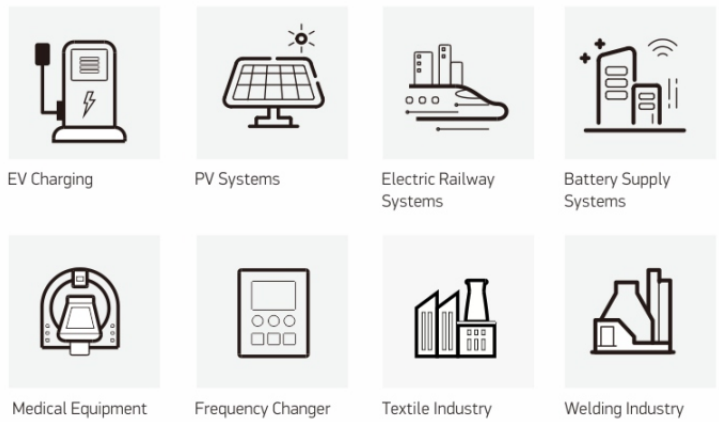
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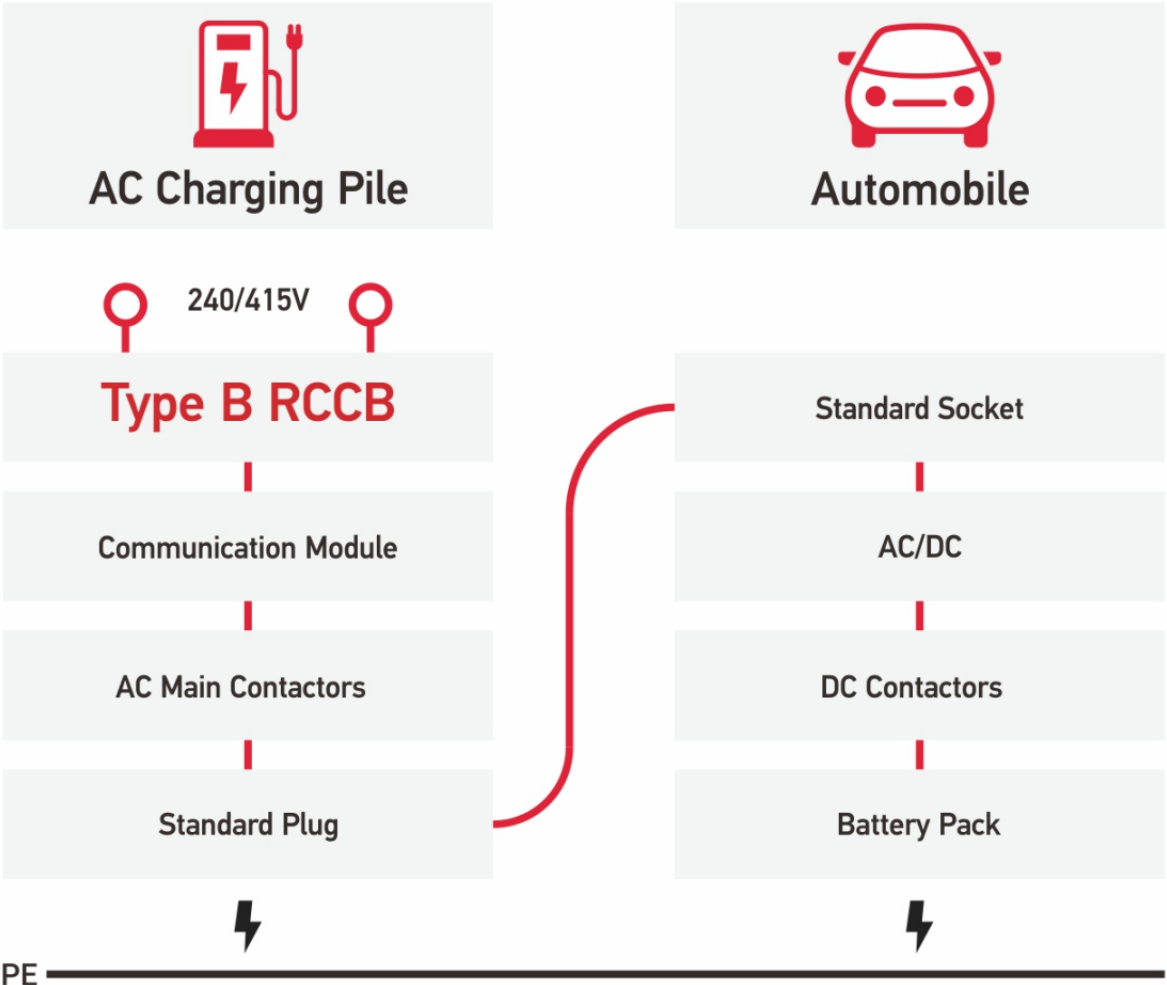
Working for your safety!

RCCB for Energy Saving Solutions

- Detection of high frequency residual current with 1kHz
- Smooth DC Residual current realized by electronic circuit, combining the advantages of electromagnetic and electronic
- Dual Protection of leakage and Isolation
- High short circuit tolerance
- Fire retardant material adopted for high temperature resistance
- High protection for personal safety



An Integrated EV Charging Solution



Product Name	AUR8	R8B
Number of Poles	1P+N/3P+N	1P+N/3P+N
		
	10kA IEC/EN 61008-1 	10kA IEC/EN 61008-1 
Approval / Marking		
	  RoHS	  RoHS
Technical Data		
Rated Current (I _n)	A Without time delay: 16, 25, 40, 63, 80, 100 With time delay(Type S): 40, 63, 80, 100	16, 25, 40, 63, 80
Rated Voltage (U _e)	V 240, 415	230/240, 400/415
Rated Breaking Capacity	kA Inc= IΔc= 10	Inc= IΔc= 10
Rated Residual Current (I _{Δn})	mA 30, 100, 300	30, 100, 300
Residual Tripping Characteristics	AC, A	Type B
Rated Residual Making and Breaking Capacity (I _{Δm})	A 1000	1000
Rated Frequency	Hz 50/60	50/60
Max. Back-up Fuse	In=16-63A 63AGg/gI In=80A 80AGg/gI In=100A 100AGg/gI	-
IP Degree	IP20	IP20
Energy Limiting Class	-	-
Electrical Endurance	Cycles 2000	2000
Mechanical Endurance	Cycles 10000	10000
Rated Insulation Voltage (U _i)	V -	500
Rated Impulse Withstand Voltage (U _{imp})	kV 4	4
Cable Termination	mm ² 35	35
Torque Screw	N.m 2.5	2.5
Terminal	Pillar Type	Pillar Type