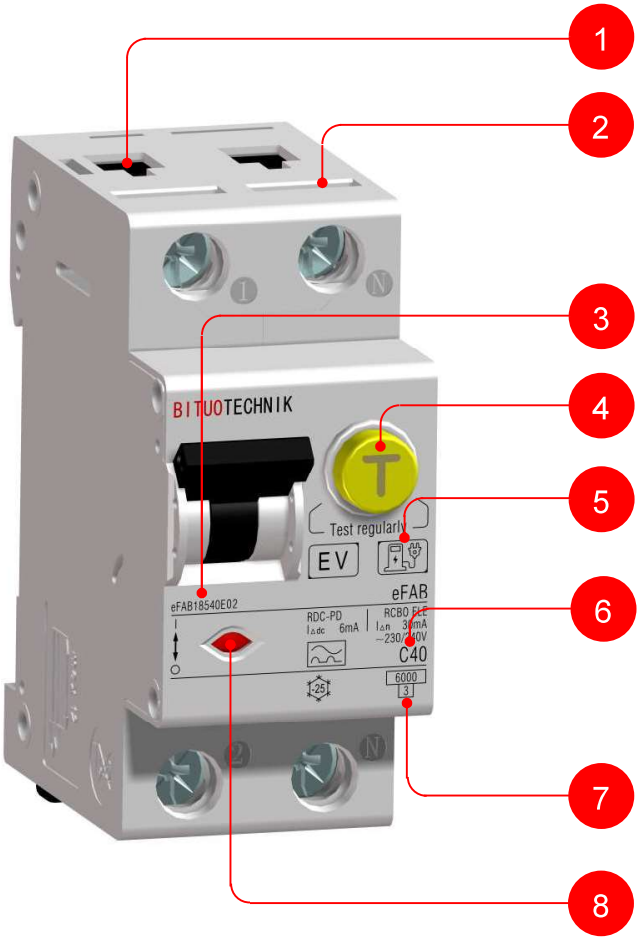
eFAB

residual current operated circuit-breakers with integral overcurrent protection
RCBO ELE

residual direct current protective device
RDC-PD

Designed for EV charging system
to be updated in accordance with
IEC 61851-1 & IEC 60364-7-722



1 Terminal box for cable
2 Terminal pressure for busbar
3 Order number
4 Test button
5 Type EV（A+DC6mA）
6 Tripping characteristic & Rated current
7 Breaking capacity
8 Red-Green indicator

- Economic solution for AC charging system of electric vehicle in mode 3 residual current protection
- Fulfill both IEC/EN 61009-1 and IEC 62955 standard
- Compact design with 36mm width and 80mm length for space saving
- Special balcony design for busbar connection or auxiliary circuit connection
- Integrated over-current protection, short-circuit protection and residual current protection
- Possible in feeding from both bottom and up for flexible wiring
- Switched N design to cut-off both phase and neutral in case of failure
- Special Red-Green mark with visible ON-OFF status indication

eFAB

RCBO
RDC-PD

#	Description	eFAB
101	Rated voltage U_n	230VAC, 50Hz
102	Poles	1P+N
103	Rated current (A)	6 / 10 / 16 / 20 / 25 / 32 / 40
104	Tripping characteristic	C
105	Rated short-circuit capacity I_{cn}	6000 A
106	Rated residual making and breaking capacity $I_{\triangle m}$	3000 A
107	Rated Insulation voltage U_i	250 V
108	Rated impulse withstand voltage U_{imp}	4 kV
109	Protection class	IP20
110	Rated residual operating current $I_{\triangle n}$	RCBO, IEC/EN 61009-1 30mA, Type A
111	Rated residual direct operating current $I_{\triangle dc}$	RDC-PD, IEC 62955 6 mA
112	Endurance	Min. 20000
113	Ambient temperature	-25~55 ℃
114	Connection capacity for terminal box	1~25mm^2
115	Torque	2.8Nm
116	Reference standard	EN/IEC 61009-1, IEC 62955