

T Series Circuit Breakers

Product Selection Guide



MCB & Isolator Switch

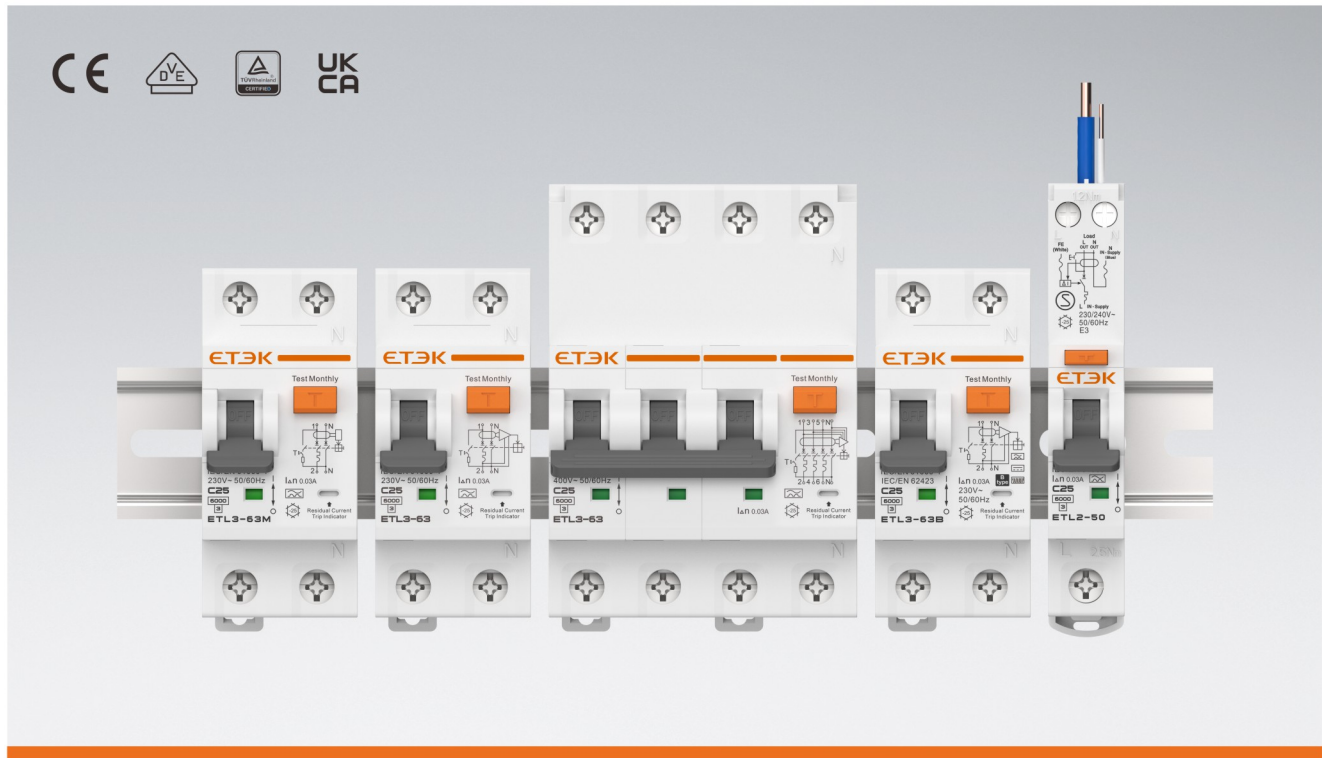


Model	ETM1-63X	ETM1-63	ETM1-63H	EKM1-63UH	ETM1-63DC	ETD1-125
Standard	IEC60898-1	IEC60898-1	IEC60898-1	IEC60947-2	IEC60947-2	IEC60947-3
Poles	1, 2, 3, 4P	1, 2, 3, 4P	1, 2, 3, 4P	1, 2, 3, 4P	1, 2, 4P	1, 2, 3, 4P
Rated voltage	240/415V~	240/415V~	240/415V~	240/415V~	250/500/1000VDC	240/415V~
Rated frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	/	50/60Hz
Rated current	1~63A	1~63A	1~63A	1~63A	1~63A	25~125A
Tripping curve	B, C, D	B, C, D	B, C, D	8-12In	8-12In	/
Breaking capacity	6kA	6kA	10kA	15kA	6kA	/
Rated insulation voltage	415V	415V	415V	415V	500V	500V
Rated impulse withstand voltage (Uimp)	6kV	6kV	6kV	6kV	4kV	6kV
Energy limiting class	/	3	3	/	/	/
Fault trip indication	Yes	Yes	Yes	Yes	Yes	Yes
Busbar connection	Pin type	Dual busbar Pin+Fork-type	Dual busbar Pin+Fork-type	Dual busbar Pin+Fork-type	Cable	Pin type
Incoming method	Bi-Directional	Bi-Directional	Bi-Directional	Bi-Directional	According the wiring diagram	Bi-Directional
Auxiliary for remote tripping or signaling	Yes	Yes	Yes	Yes	Yes	No

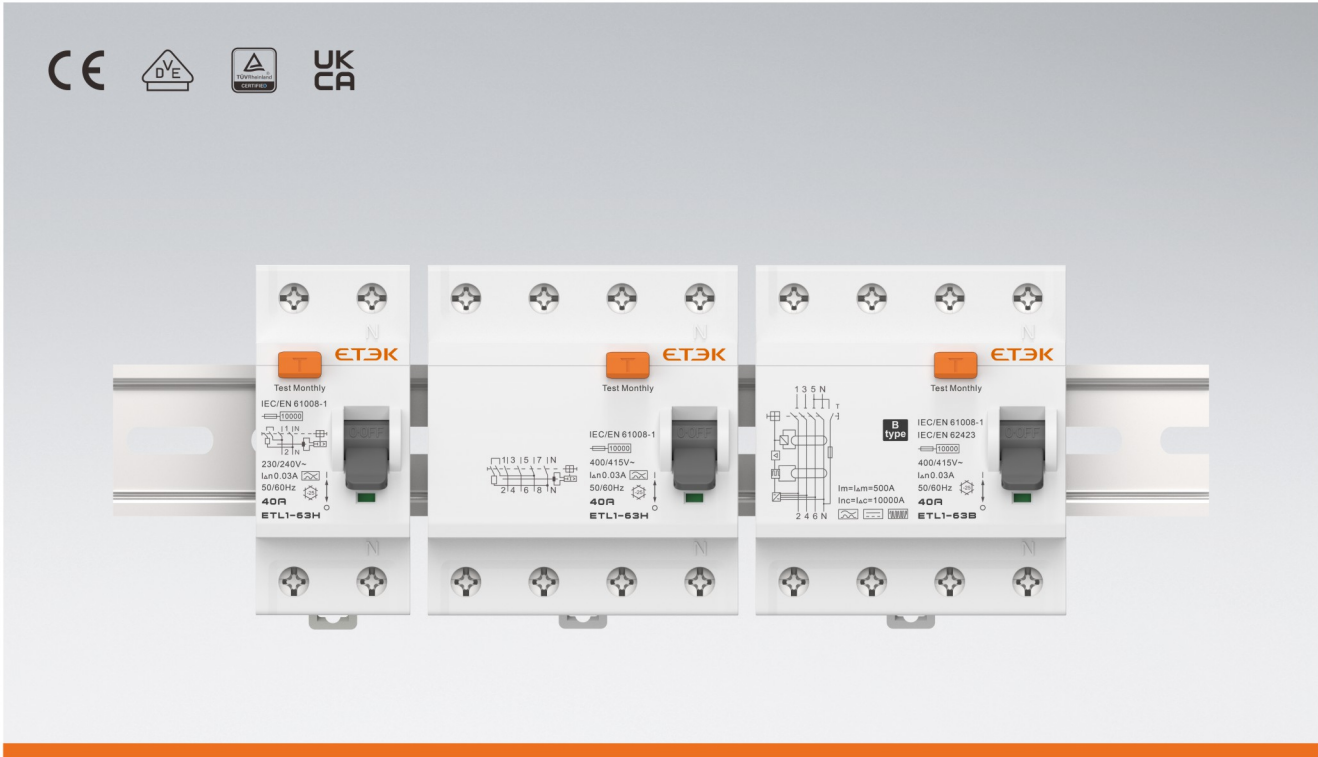
RCBO

Residual Current Circuit Breaker with Overcurrent Protection

ETAK®

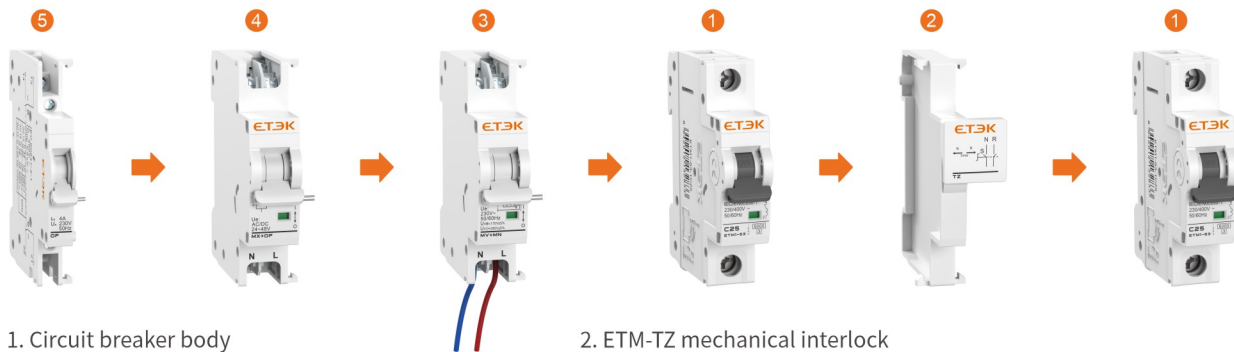


Model	ETL3-63M	ETL3-63	ETL3-63B	ETL2-50
Standard	IEC61009-1	IEC61009-1	IEC61009-1 IEC62423	IEC61009-1
Residual Current Trip Unit Type	Electro-magnetic	Electronic	Electronic	Electronic
Residual current type	AC, A	AC, A	B	AC, A
Poles	1P+N, 3P+N	1P+N, 3P+N	1P+N	1P+N
Rated voltage	240/415V~	240/415V~	230/240V~	230/240V~
Rated insulation voltage	500V	500V	500V	500V
Rated current	6~63A	6~63A	6~63A	6~50A
Tripping curve	B, C	B, C	B, C	B, C
Rated sensitivity current	30, 100, 300mA	10, 30, 100, 300mA	30mA	10, 30, 100, 300mA
Breaking capacity	6kA, 10kA	6kA, 10kA	10kA	6kA, 10kA
Rated impulse withstand voltage (Uimp)	4kV	4kV	4kV	4kV
Energy limiting class	3	3	3	3
Fault trip indication	Yes	Yes	Yes	Yes
Ground fault indicator	Yes	Yes	Yes	No
Busbar connection	Dual busbar Pin+Fork-type	Dual busbar Pin+Fork-type	Dual busbar Pin+Fork-type	Dual busbar Pin+Fork-type
Incoming method	Bi-Directional	Bi-Directional	Bi-Directional	From bottom
Auxiliary for remote tripping or signaling	Yes	Yes	Yes	Yes



Model	ETL1-63	ETL1-63B
Standard	IEC61008-1	IEC61008-1 IEC62423
Residual Current Trip Unit Type	Electro-magnetic	Electro-magnetic
Residual current type	AC, A, A-SI, A-S	B
Poles	1P+N, 3P+N	1P+N, 3P+N
Rated voltage	1P+N: 230/240V~ 3P+N: 400/415V~	1P+N: 230/240V~ 3P+N: 400/415V~
Rated insulation voltage	500V	500V
Rated current	16~63A	16~63A
Rated sensitivity current	10, 30, 100, 300mA	30, 100, 300mA
Rated conditional short-circuit current (Inc=IΔc)	6kA, 10kA	10kA
Rated impulse withstand voltage (Uimp)	4kV	4kV
Fault trip indication	Yes	Yes
Busbar connection	Dual busbar Pin+Fork-type	Dual busbar Pin+Fork-type
Incoming method	Bi-Directional	Bi-Directional
Auxiliary for remote tripping or signaling	No	No

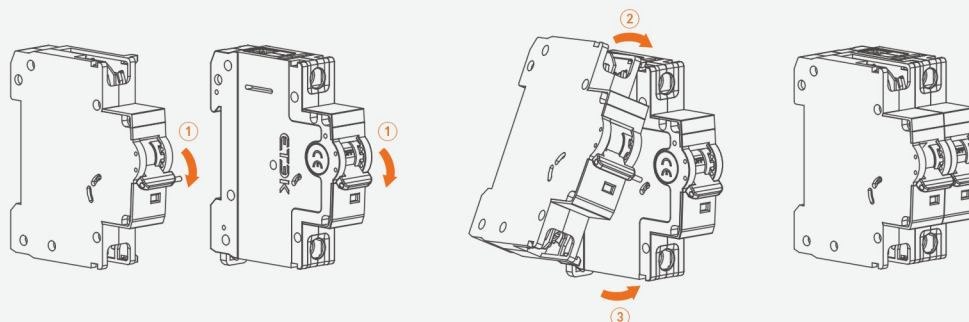
T Series Accessories for MCB & RCBO



1. Circuit breaker body
3. ETM-MV+MN over-undervoltage release
ETM-MN undervoltage release
ETM-MV overvoltage release
ETM-MNs voltage loss release
2. ETM-TZ mechanical interlock
4. ETM-MX+OF shunt release and auxiliary contact
ETM-MX shunt release
5. ETM-OF auxiliary contact
ETM-FB auxiliary and alarm contact

Type	Model	Mounting location	Contacts	Rated voltage	Wiring capacity	Width
Auxiliary contact	ETM-OF	Left	1NO+1NC	230~400 VAC 24~110 VDC	1~2.5mm ²	9mm
Auxiliary & Alarm contact	ETM-FB	Left	2NO+2NC	230~400 VAC 24~110 VDC	1~2.5mm ²	9mm
Shunt release	ETM-MX-48	Left	/	AC/DC: 24~48V	1~2.5mm ²	18mm
	ETM-MX-400	Left		AC/DC: 110~400V	1~2.5mm ²	18mm
Shunt release & Auxiliary contact	ETM-MX+OF-48	Left	1NO+1NC	AC/DC: 24~48V	1~2.5mm ²	18mm
	ETM-MX+OF-400	Left		AC/DC: 110~400V	1~2.5mm ²	18mm
Voltage loss release	ETM-MNs	Left	/	U _e : 230V U _t < 70%U _e	1~2.5mm ²	18mm
Overvoltage release	ETM-MV	Left	/	U _e : 230V U _{oe} : 280V ± 5%	1~2.5mm ²	18mm
Undervoltage release	ETM-MN	Left	/	U _e : 230V U _{vo} : 170V ± 5%	1~2.5mm ²	18mm
Over-undervoltage release	ETM-MV+MN	Left	/	U _e : 230V U _{oe} : 280V ± 5%, U _{vo} : 170V ± 5%	1~2.5mm ²	18mm
Mechanical interlock	ETM-TZ	Between two MCBs	/	/	/	9mm

Installation





40k+ m²
Floor Area



500+
Employees



100+
Export Countries



30+
Brand Agents



15+ Years
Industry Experience



20 Mio+ Poles
Annual Production



≥50%
Automation Rate

Zhejiang ETEK Electrical Technology Co., Ltd. specializes in the R&D, production, and sales of low-voltage electrical appliances.

Core Offerings

MCB

RCCB

RCBO

AFDD

MCCB

ACB

EV Chargers

Photovoltaic DC Solutions

Quality Assurance

- IEC-compliant testing center
- Management System Certification: ISO 9001/14001/45001
- Product Conformity Certification



RoHS

Global Reach

- "ETEK" registered in 80+ countries
- Exports to 100+ countries (EU • South America • MENA • ASEAN • Africa)
- Supports OEM, ODM, OBM, SKD, and CKD partnerships

Corporate Culture

Values

Integrity • Innovation • Focus • Win-win

Vision

Dedicated to becoming a globally renowned manufacturer in the power distribution equipment industry.

Mission

Manufacturing safer and smarter distribution electrical products to support the development of green and digital energy



Wenzhou Factory



Wuhu Factory

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Company Website



Product Details