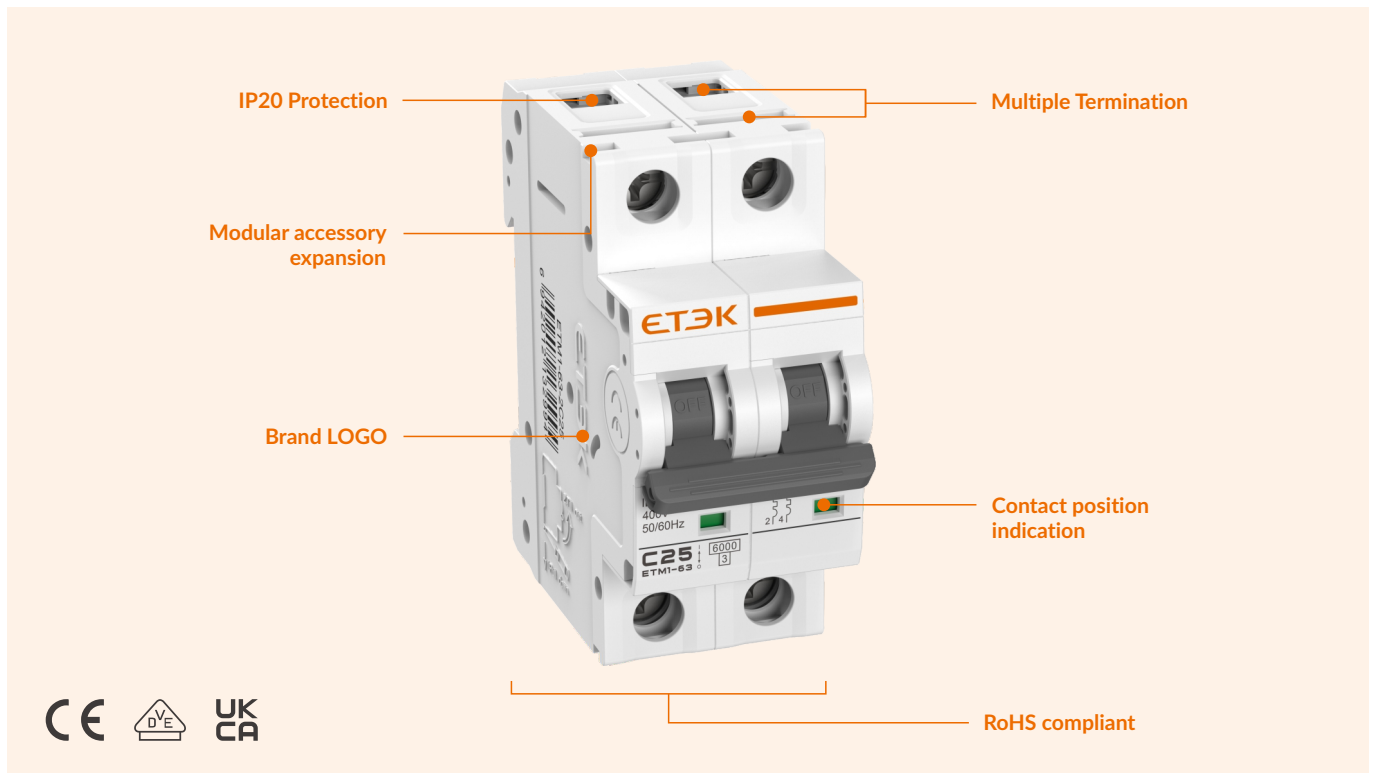


MCB ETM1

Mini Circuit Breaker



IP20 protection

Finger protected connection terminals.

Modular accessory expansion

Modular accessory expansion: Suitable for the quick and easy mounting of additional components, such as auxiliary switches and fault signal contacts.

Brand LOGO

The shell comes with ETEK brand LOGO and pad printed EAN code.

Standard

IEC 60898-1: Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 1.
IEC 60947-2: Low-voltage switchgear and controlgear -Part 2.

Multiple Termination

Both incoming and outgoing terminals are suitable for: normal cable, fork type busbar, pin type busbars, fork busbar + cable simultaneous connection.

Contact position indication

Contact position indication: Reliable recognition of the switching status through red/green position indicating device.

RoHS compliant

RoHS compliant: ETEK uses environmentally friendly state-of-the-art housing material. With the latest generation of halogen free thermoplastics for MCBs, it is now possible to recycle the MCBs completely which reduces environmental pollution. T Series entire range of circuit protection devices conform to RoHS Standards.

Overview

T Series Miniature Circuit Breaker is specifically designed for terminal power distribution protection in commercial office buildings, residential premises, and general industrial applications. It is suitable for circuits with AC 50/60Hz, a rated voltage of 240/415V, and a rated current up to 63A.

Featuring overload and short-circuit protection, it can also be used for infrequent line switching operations under normal conditions. With a maximum ultimate short-circuit breaking capacity (Icu) of up to 15kA, it ensures reliable circuit protection.

This product incorporates finger-safe combination terminals and provides contact open/close status indication, significantly enhancing operational safety. Additionally, various modular accessories can be configured to meet diverse application needs.

Technical Data





	ETM1-63	ETM1-63H	ETM1-63UH
General data			
Protection	Overcurrent and short circuit		
Type of trip	Thermo-magnetic		
No. of poles	1P, 2P, 3P, 4P		
Rated current (In)	1, 2, 3, 4, 5, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63A		
Rated frequency	50/60Hz		
Rated insulation voltage (Ui)	415V		
Pollution degree	2		
Data acc. to IEC/EN 60898-1			
Rated operational voltage (Ue)	1P: 230/400VAC, 240/415VAC; 2P,3P,4P: 400/415VAC		
Rated short-circuit capacity (Icn)	6kA	10kA	-
Rated service short-circuit breaking capacity (Ics)	6kA	7.5kA	-
Energy limiting class	3		-
Rated impulse withstand voltage (Uimp) (1.2/50µs)	6kV		
Dielectric test voltage	2kV (50/60Hz, 1 min.)		
Thermal tripping characteristics	1.13In No tripping within an hour 1.45In Tripping within an hour		
Instantaneous tripping characteristics	B: 3In-5In; C: 5In-10In; D: 10In-20In		
Data acc. to IEC/EN 60947-2			
Rated operational voltage (Ue)	1P: 230/400VAC, 240/415VAC; 2P,3P,4P: 400/415VAC 1P: 80VDC; 2P: 125VDC		
Rated ultimate short circuit breaking capacity Icu (kA)	6kA	10kA	15kA
Rated service short circuit breaking capacity Ics (kA)	6kA	7.5kA	7.5kA
Rated impulse withstand voltage (Uimp) (1.2/50µs)	6kV		
Dielectric test voltage	2kV (50/60Hz, 1 min.)		
Thermal tripping characteristics	1.05In No tripping within an hour 1.30In Tripping within an hour		
Instantaneous tripping characteristics	8In-12In		
Mechanical data			
Electrical life	4,000 Cycles		
Mechanical life	20,000 Cycles		
Contact position indication	green OFF / red ON		
Protection degree	IP20		
Reference temperature	30°C		
Operating ambient temperature (with daily average ≤ 35°C)	-25°C ~ +55°C		
Storage temperature	-30°C ~ +70°C		
Installation			
Terminal connection type	Cable/Pin-type/ Fork-type busbar		
Terminal block	Screw press-connected		
Max. terminal size for cable	25mm ²		
Max. tightening torque	2.5N.m		
Mounting type	Mounting on 35mm DIN rail		
Incoming method	Bi-Directional		

Product Selection Form

ETM1-63 6kA

B curve





IEC/EN60898-1

Poles	Rated current (A)	EAN-13	Order details	
			Type code	Order code
 <p>1P</p>	1	6942012132086	ETM1-63-1B01	11R001
	2	6942012132093	ETM1-63-1B02	11R002
	3	6942012132109	ETM1-63-1B03	11R003
	4	6942012132116	ETM1-63-1B04	11R004
	5	6942012132123	ETM1-63-1B05	11R005
	6	6942012132130	ETM1-63-1B06	11R006
	8	6942012132147	ETM1-63-1B08	11R007
	10	6942012132154	ETM1-63-1B10	11R008
	13	6942012132161	ETM1-63-1B13	11R009
	16	6942012132178	ETM1-63-1B16	11R010
	20	6942012132185	ETM1-63-1B20	11R011
	25	6942012132192	ETM1-63-1B25	11R012
	32	6942012132208	ETM1-63-1B32	11R013
	40	6942012132215	ETM1-63-1B40	11R014
	 <p>2P</p>	50	6942012132222	ETM1-63-1B50
63		6942012132239	ETM1-63-1B63	11R016
1		6942012132246	ETM1-63-2B01	11R017
2		6942012132253	ETM1-63-2B02	11R018
3		6942012132260	ETM1-63-2B03	11R019
4		6942012132277	ETM1-63-2B04	11R020
5		6942012132284	ETM1-63-2B05	11R021
6		6942012132291	ETM1-63-2B06	11R022
8		6942012132307	ETM1-63-2B08	11R023
10		6942012132314	ETM1-63-2B10	11R024
13		6942012132321	ETM1-63-2B13	11R025
16		6942012132338	ETM1-63-2B16	11R026
20		6942012132345	ETM1-63-2B20	11R027
25		6942012132352	ETM1-63-2B25	11R028
 <p>3P</p>		32	6942012132369	ETM1-63-2B32
	40	6942012132376	ETM1-63-2B40	11R030
	50	6942012132383	ETM1-63-2B50	11R031
	63	6942012132390	ETM1-63-2B63	11R032
	1	6942012132406	ETM1-63-3B01	11R033
	2	6942012132413	ETM1-63-3B02	11R034
	3	6942012132420	ETM1-63-3B03	11R035
	4	6942012132437	ETM1-63-3B04	11R036
	5	6942012132444	ETM1-63-3B05	11R037
	6	6942012132451	ETM1-63-3B06	11R038
	8	6942012132468	ETM1-63-3B08	11R039
	10	6942012132475	ETM1-63-3B10	11R040
	13	6942012132482	ETM1-63-3B13	11R041
	16	6942012132499	ETM1-63-3B16	11R042
	 <p>4P</p>	20	6942012132505	ETM1-63-3B20
25		6942012132512	ETM1-63-3B25	11R044
32		6942012132529	ETM1-63-3B32	11R045
40		6942012132536	ETM1-63-3B40	11R046
50		6942012132543	ETM1-63-3B50	11R047
63		6942012132550	ETM1-63-3B63	11R048
1		6942012132567	ETM1-63-4B01	11R049
2		6942012132574	ETM1-63-4B02	11R050
3		6942012132581	ETM1-63-4B03	11R051
4		6942012132598	ETM1-63-4B04	11R052
5		6942012132604	ETM1-63-4B05	11R053
6		6942012132611	ETM1-63-4B06	11R054
8		6942012132628	ETM1-63-4B08	11R055
10		6942012132635	ETM1-63-4B10	11R056
13		6942012132642	ETM1-63-4B13	11R057
<td>16</td> <td>6942012132659</td> <td>ETM1-63-4B16</td> <td>11R058</td>	16	6942012132659	ETM1-63-4B16	11R058
	20	6942012132666	ETM1-63-4B20	11R059
	25	6942012132673	ETM1-63-4B25	11R060
	32	6942012132680	ETM1-63-4B32	11R061
	40	6942012132697	ETM1-63-4B40	11R062
	50	6942012132703	ETM1-63-4B50	11R063
	63	6942012132710	ETM1-63-4B63	11R064

ETM1-63 6kA

C curve





IEC/EN60898-1

Poles	Rated current (A)	EAN-13	Order details	
			Type code	Order code
 <p>1P</p>	1	6942012132727	ETM1-63-1C01	11R065
	2	6942012132734	ETM1-63-1C02	11R066
	3	6942012132741	ETM1-63-1C03	11R067
	4	6942012132758	ETM1-63-1C04	11R068
	5	6942012132765	ETM1-63-1C05	11R069
	6	6942012132772	ETM1-63-1C06	11R070
	8	6942012132789	ETM1-63-1C08	11R071
	10	6942012132796	ETM1-63-1C10	11R072
	13	6942012132802	ETM1-63-1C13	11R073
	16	6942012132819	ETM1-63-1C16	11R074
	20	6942012132826	ETM1-63-1C20	11R075
	25	6942012132833	ETM1-63-1C25	11R076
	32	6942012132840	ETM1-63-1C32	11R077
	40	6942012132857	ETM1-63-1C40	11R078
	50	6942012132864	ETM1-63-1C50	11R079
	 <p>2P</p>	1	6942012132888	ETM1-63-2C01
2		6942012132895	ETM1-63-2C02	11R082
3		6942012132901	ETM1-63-2C03	11R083
4		6942012132918	ETM1-63-2C04	11R084
5		6942012132925	ETM1-63-2C05	11R085
6		6942012132932	ETM1-63-2C06	11R086
8		6942012132949	ETM1-63-2C08	11R087
10		6942012132956	ETM1-63-2C10	11R088
13		6942012132963	ETM1-63-2C13	11R089
16		6942012132970	ETM1-63-2C16	11R090
20		6942012132987	ETM1-63-2C20	11R091
25		6942012132994	ETM1-63-2C25	11R092
32		6942012133007	ETM1-63-2C32	11R093
40		6942012133014	ETM1-63-2C40	11R094
50		6942012133021	ETM1-63-2C50	11R095
 <p>3P</p>		1	6942012133038	ETM1-63-2C63
	1	6942012133045	ETM1-63-3C01	11R097
	2	6942012133052	ETM1-63-3C02	11R098
	3	6942012133069	ETM1-63-3C03	11R099
	4	6942012133076	ETM1-63-3C04	11R100
	5	6942012133083	ETM1-63-3C05	11R101
	6	6942012133090	ETM1-63-3C06	11R102
	8	6942012133106	ETM1-63-3C08	11R103
	10	6942012133113	ETM1-63-3C10	11R104
	13	6942012133120	ETM1-63-3C13	11R105
	16	6942012133137	ETM1-63-3C16	11R106
	20	6942012133144	ETM1-63-3C20	11R107
	25	6942012133151	ETM1-63-3C25	11R108
	32	6942012133168	ETM1-63-3C32	11R109
	40	6942012133175	ETM1-63-3C40	11R110
	 <p>4P</p>	50	6942012133182	ETM1-63-3C50
63		6942012133199	ETM1-63-3C63	11R112
1		6942012133205	ETM1-63-4C01	11R113
2		6942012133212	ETM1-63-4C02	11R114
3		6942012133229	ETM1-63-4C03	11R115
4		6942012133236	ETM1-63-4C04	11R116
5		6942012133243	ETM1-63-4C05	11R117
6		6942012133250	ETM1-63-4C06	11R118
8		6942012133267	ETM1-63-4C08	11R119
10		6942012133274	ETM1-63-4C10	11R120
13		6942012133281	ETM1-63-4C13	11R121
16		6942012133298	ETM1-63-4C16	11R122
20		6942012133304	ETM1-63-4C20	11R123
25		6942012133311	ETM1-63-4C25	11R124
32		6942012133328	ETM1-63-4C32	11R125
40		6942012133335	ETM1-63-4C40	11R126
50	6942012133342	ETM1-63-4C50	11R127	
63	6942012133359	ETM1-63-4C63	11R128	

ETM1-63 6kA

D curve





IEC/EN60898-1

Poles	Rated current (A)	EAN-13	Order details	
			Type code	Order code
 <p>1P</p>	1	6942012133366	ETM1-63-1D01	11R129
	2	6942012133373	ETM1-63-1D02	11R130
	3	6942012133380	ETM1-63-1D03	11R131
	4	6942012133397	ETM1-63-1D04	11R132
	5	6942012133403	ETM1-63-1D05	11R133
	6	6942012133410	ETM1-63-1D06	11R134
	8	6942012133427	ETM1-63-1D08	11R135
	10	6942012133434	ETM1-63-1D10	11R136
	13	6942012133441	ETM1-63-1D13	11R137
	16	6942012133458	ETM1-63-1D16	11R138
	20	6942012133465	ETM1-63-1D20	11R139
	25	6942012133472	ETM1-63-1D25	11R140
	32	6942012133489	ETM1-63-1D32	11R141
	40	6942012133496	ETM1-63-1D40	11R142
 <p>2P</p>	50	6942012133502	ETM1-63-1D50	11R143
	63	6942012133519	ETM1-63-1D63	11R144
	1	6942012133526	ETM1-63-2D01	11R145
	2	6942012133533	ETM1-63-2D02	11R146
	3	6942012133540	ETM1-63-2D03	11R147
	4	6942012133557	ETM1-63-2D04	11R148
	5	6942012133564	ETM1-63-2D05	11R149
	6	6942012133571	ETM1-63-2D06	11R150
	8	6942012133588	ETM1-63-2D08	11R151
	10	6942012133595	ETM1-63-2D10	11R152
	13	6942012133601	ETM1-63-2D13	11R153
	16	6942012133618	ETM1-63-2D16	11R154
	20	6942012133625	ETM1-63-2D20	11R155
	 <p>3P</p>	25	6942012133632	ETM1-63-2D25
32		6942012133649	ETM1-63-2D32	11R157
40		6942012133656	ETM1-63-2D40	11R158
50		6942012133663	ETM1-63-2D50	11R159
63		6942012133670	ETM1-63-2D63	11R160
1		6942012133687	ETM1-63-3D01	11R161
2		6942012133694	ETM1-63-3D02	11R162
3		6942012133700	ETM1-63-3D03	11R163
4		6942012133717	ETM1-63-3D04	11R164
5		6942012133724	ETM1-63-3D05	11R165
6		6942012133731	ETM1-63-3D06	11R166
8		6942012133748	ETM1-63-3D08	11R167
10		6942012133755	ETM1-63-3D10	11R168
 <p>4P</p>		13	6942012133762	ETM1-63-3D13
	16	6942012133779	ETM1-63-3D16	11R170
	20	6942012133786	ETM1-63-3D20	11R171
	25	6942012133793	ETM1-63-3D25	11R172
	32	6942012133809	ETM1-63-3D32	11R173
	40	6942012133816	ETM1-63-3D40	11R174
	50	6942012133823	ETM1-63-3D50	11R175
	63	6942012133830	ETM1-63-3D63	11R176
	1	6942012133847	ETM1-63-4D01	11R177
	2	6942012133854	ETM1-63-4D02	11R178
	3	6942012133861	ETM1-63-4D03	11R179
	4	6942012133878	ETM1-63-4D04	11R180
	5	6942012133885	ETM1-63-4D05	11R181
	6	6942012133892	ETM1-63-4D06	11R182
<td>8</td> <td>6942012133908</td> <td>ETM1-63-4D08</td> <td>11R183</td>	8	6942012133908	ETM1-63-4D08	11R183
	10	6942012133915	ETM1-63-4D10	11R184
	13	6942012133922	ETM1-63-4D13	11R185
	16	6942012133939	ETM1-63-4D16	11R186
	20	6942012133946	ETM1-63-4D20	11R187
	25	6942012133953	ETM1-63-4D25	11R188
	32	6942012133960	ETM1-63-4D32	11R189
	40	6942012133977	ETM1-63-4D40	11R190
	50	6942012133984	ETM1-63-4D50	11R191
	63	6942012133991	ETM1-63-4D63	11R192

ETM1-63H 10kA

B curve





IEC/EN60898-1

Poles	Rated current (A)	EAN-13	Order details		
			Type code	Order code	
 <p>1P</p>	1	6942012134646	ETM1-63H-1B01	11P001	
	2	6942012134653	ETM1-63H-1B02	11P002	
	3	6942012134660	ETM1-63H-1B03	11P003	
	4	6942012134677	ETM1-63H-1B04	11P004	
	5	6942012134684	ETM1-63H-1B05	11P005	
	6	6942012134691	ETM1-63H-1B06	11P006	
	8	6942012134707	ETM1-63H-1B08	11P007	
	10	6942012134714	ETM1-63H-1B10	11P008	
	13	6942012134721	ETM1-63H-1B13	11P009	
	16	6942012134738	ETM1-63H-1B16	11P010	
	20	6942012134745	ETM1-63H-1B20	11P011	
	25	6942012134752	ETM1-63H-1B25	11P012	
	32	6942012134769	ETM1-63H-1B32	11P013	
	40	6942012134776	ETM1-63H-1B40	11P014	
	50	6942012134783	ETM1-63H-1B50	11P015	
	 <p>2P</p>	63	6942012134790	ETM1-63H-1B63	11P016
1		6942012134806	ETM1-63H-2B01	11P017	
2		6942012134813	ETM1-63H-2B02	11P018	
3		6942012134820	ETM1-63H-2B03	11P019	
4		6942012134837	ETM1-63H-2B04	11P020	
5		6942012134844	ETM1-63H-2B05	11P021	
6		6942012134851	ETM1-63H-2B06	11P022	
8		6942012134868	ETM1-63H-2B08	11P023	
10		6942012134875	ETM1-63H-2B10	11P024	
13		6942012134882	ETM1-63H-2B13	11P025	
16		6942012134899	ETM1-63H-2B16	11P026	
20		6942012134905	ETM1-63H-2B20	11P027	
25		6942012134912	ETM1-63H-2B25	11P028	
32		6942012134929	ETM1-63H-2B32	11P029	
 <p>3P</p>		40	6942012134936	ETM1-63H-2B40	11P030
		50	6942012134943	ETM1-63H-2B50	11P031
	63	6942012134950	ETM1-63H-2B63	11P032	
	1	6942012134967	ETM1-63H-3B01	11P033	
	2	6942012134974	ETM1-63H-3B02	11P034	
	3	6942012134981	ETM1-63H-3B03	11P035	
	4	6942012134998	ETM1-63H-3B04	11P036	
	5	6942012135001	ETM1-63H-3B05	11P037	
	6	6942012135018	ETM1-63H-3B06	11P038	
	8	6942012135025	ETM1-63H-3B08	11P039	
	10	6942012135032	ETM1-63H-3B10	11P040	
	13	6942012135049	ETM1-63H-3B13	11P041	
	16	6942012135056	ETM1-63H-3B16	11P042	
	20	6942012135063	ETM1-63H-3B20	11P043	
	 <p>4P</p>	25	6942012135070	ETM1-63H-3B25	11P044
		32	6942012135087	ETM1-63H-3B32	11P045
40		6942012135094	ETM1-63H-3B40	11P046	
50		6942012135100	ETM1-63H-3B50	11P047	
63		6942012135117	ETM1-63H-3B63	11P048	
1		6942012135124	ETM1-63H-4B01	11P049	
2		6942012135131	ETM1-63H-4B02	11P050	
3		6942012135148	ETM1-63H-4B03	11P051	
4		6942012135155	ETM1-63H-4B04	11P052	
5		6942012135162	ETM1-63H-4B05	11P053	
6		6942012135179	ETM1-63H-4B06	11P054	
8		6942012135186	ETM1-63H-4B08	11P055	
10		6942012135193	ETM1-63H-4B10	11P056	
13		6942012135209	ETM1-63H-4B13	11P057	
16		6942012135216	ETM1-63H-4B16	11P058	
20		6942012135223	ETM1-63H-4B20	11P059	
25	6942012135230	ETM1-63H-4B25	11P060		
32	6942012135247	ETM1-63H-4B32	11P061		
40	6942012135254	ETM1-63H-4B40	11P062		
50	6942012135261	ETM1-63H-4B50	11P063		
63	6942012135278	ETM1-63H-4B63	11P064		

ETM1-63H 10kA

C curve





IEC/EN60898-1

Poles	Rated current (A)	EAN-13	Order details	
			Type code	Order code
 <p>1P</p>	1	6942012135285	ETM1-63H-1C01	11P065
	2	6942012135292	ETM1-63H-1C02	11P066
	3	6942012135308	ETM1-63H-1C03	11P067
	4	6942012135315	ETM1-63H-1C04	11P068
	5	6942012135322	ETM1-63H-1C05	11P069
	6	6942012135339	ETM1-63H-1C06	11P070
	8	6942012135346	ETM1-63H-1C08	11P071
	10	6942012135353	ETM1-63H-1C10	11P072
	13	6942012135360	ETM1-63H-1C13	11P073
	16	6942012135377	ETM1-63H-1C16	11P074
	20	6942012135384	ETM1-63H-1C20	11P075
	25	6942012135391	ETM1-63H-1C25	11P076
	32	6942012135407	ETM1-63H-1C32	11P077
	40	6942012135414	ETM1-63H-1C40	11P078
	50	6942012135421	ETM1-63H-1C50	11P079
63	6942012135438	ETM1-63H-1C63	11P080	
 <p>2P</p>	1	6942012135445	ETM1-63H-2C01	11P081
	2	6942012135452	ETM1-63H-2C02	11P082
	3	6942012135469	ETM1-63H-2C03	11P083
	4	6942012135476	ETM1-63H-2C04	11P084
	5	6942012135483	ETM1-63H-2C05	11P085
	6	6942012135490	ETM1-63H-2C06	11P086
	8	6942012135506	ETM1-63H-2C08	11P087
	10	6942012135513	ETM1-63H-2C10	11P088
	13	6942012135520	ETM1-63H-2C13	11P089
	16	6942012135537	ETM1-63H-2C16	11P090
	20	6942012135544	ETM1-63H-2C20	11P091
	25	6942012135551	ETM1-63H-2C25	11P092
	32	6942012135568	ETM1-63H-2C32	11P093
	40	6942012135575	ETM1-63H-2C40	11P094
	50	6942012135582	ETM1-63H-2C50	11P095
63	6942012135599	ETM1-63H-2C63	11P096	
 <p>3P</p>	1	6942012135605	ETM1-63H-3C01	11P097
	2	6942012135612	ETM1-63H-3C02	11P098
	3	6942012135629	ETM1-63H-3C03	11P099
	4	6942012135636	ETM1-63H-3C04	11P100
	5	6942012135643	ETM1-63H-3C05	11P101
	6	6942012135650	ETM1-63H-3C06	11P102
	8	6942012135667	ETM1-63H-3C08	11P103
	10	6942012135674	ETM1-63H-3C10	11P104
	13	6942012135681	ETM1-63H-3C13	11P105
	16	6942012135698	ETM1-63H-3C16	11P106
	20	6942012135704	ETM1-63H-3C20	11P107
	25	6942012135711	ETM1-63H-3C25	11P108
	32	6942012135728	ETM1-63H-3C32	11P109
	40	6942012135735	ETM1-63H-3C40	11P110
	50	6942012135742	ETM1-63H-3C50	11P111
63	6942012135759	ETM1-63H-3C63	11P112	
 <p>4P</p>	1	6942012135766	ETM1-63H-4C01	11P113
	2	6942012135773	ETM1-63H-4C02	11P114
	3	6942012135780	ETM1-63H-4C03	11P115
	4	6942012135797	ETM1-63H-4C04	11P116
	5	6942012135803	ETM1-63H-4C05	11P117
	6	6942012135810	ETM1-63H-4C06	11P118
	8	6942012135827	ETM1-63H-4C08	11P119
	10	6942012135834	ETM1-63H-4C10	11P120
	13	6942012135841	ETM1-63H-4C13	11P121
	16	6942012135858	ETM1-63H-4C16	11P122
	20	6942012135865	ETM1-63H-4C20	11P123
	25	6942012135872	ETM1-63H-4C25	11P124
	32	6942012135889	ETM1-63H-4C32	11P125
	40	6942012135896	ETM1-63H-4C40	11P126
	50	6942012135902	ETM1-63H-4C50	11P127
63	6942012135919	ETM1-63H-4C63	11P128	

ETM1-63H 10kA





D curve

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Poles	Rated current (A)	EAN-13	Order details	
			Type code	Order code
 <p>1P</p>	1	6942012135926	ETM1-63H-1D01	11P129
	2	6942012135933	ETM1-63H-1D02	11P130
	3	6942012135940	ETM1-63H-1D03	11P131
	4	6942012135957	ETM1-63H-1D04	11P132
	5	6942012135964	ETM1-63H-1D05	11P133
	6	6942012135971	ETM1-63H-1D06	11P134
	8	6942012135988	ETM1-63H-1D08	11P135
	10	6942012135995	ETM1-63H-1D10	11P136
	13	6942012136008	ETM1-63H-1D13	11P137
	16	6942012136015	ETM1-63H-1D16	11P138
	20	6942012136022	ETM1-63H-1D20	11P139
	25	6942012136039	ETM1-63H-1D25	11P140
	32	6942012136046	ETM1-63H-1D32	11P141
	40	6942012136053	ETM1-63H-1D40	11P142
50	6942012136060	ETM1-63H-1D50	11P143	
63	6942012136077	ETM1-63H-1D63	11P144	
 <p>2P</p>	1	6942012136084	ETM1-63H-2D01	11P145
	2	6942012136091	ETM1-63H-2D02	11P146
	3	6942012136107	ETM1-63H-2D03	11P147
	4	6942012136114	ETM1-63H-2D04	11P148
	5	6942012136121	ETM1-63H-2D05	11P149
	6	6942012136138	ETM1-63H-2D06	11P150
	8	6942012136145	ETM1-63H-2D08	11P151
	10	6942012136152	ETM1-63H-2D10	11P152
	13	6942012136169	ETM1-63H-2D13	11P153
	16	6942012136176	ETM1-63H-2D16	11P154
	20	6942012136183	ETM1-63H-2D20	11P155
	25	6942012136190	ETM1-63H-2D25	11P156
	32	6942012136206	ETM1-63H-2D32	11P157
	40	6942012136213	ETM1-63H-2D40	11P158
50	6942012136220	ETM1-63H-2D50	11P159	
63	6942012136237	ETM1-63H-2D63	11P160	
 <p>3P</p>	1	6942012136244	ETM1-63H-3D01	11P161
	2	6942012136251	ETM1-63H-3D02	11P162
	3	6942012136268	ETM1-63H-3D03	11P163
	4	6942012136275	ETM1-63H-3D04	11P164
	5	6942012136282	ETM1-63H-3D05	11P165
	6	6942012136299	ETM1-63H-3D06	11P166
	8	6942012136305	ETM1-63H-3D08	11P167
	10	6942012136312	ETM1-63H-3D10	11P168
	13	6942012136329	ETM1-63H-3D13	11P169
	16	6942012136336	ETM1-63H-3D16	11P170
	20	6942012136343	ETM1-63H-3D20	11P171
	25	6942012136350	ETM1-63H-3D25	11P172
	32	6942012136367	ETM1-63H-3D32	11P173
	40	6942012136374	ETM1-63H-3D40	11P174
50	6942012136381	ETM1-63H-3D50	11P175	
63	6942012136398	ETM1-63H-3D63	11P176	
 <p>4P</p>	1	6942012136404	ETM1-63H-4D01	11P177
	2	6942012136411	ETM1-63H-4D02	11P178
	3	6942012136428	ETM1-63H-4D03	11P179
	4	6942012136435	ETM1-63H-4D04	11P180
	5	6942012136442	ETM1-63H-4D05	11P181
	6	6942012136459	ETM1-63H-4D06	11P182
	8	6942012136466	ETM1-63H-4D08	11P183
	10	6942012136473	ETM1-63H-4D10	11P184
	13	6942012136480	ETM1-63H-4D13	11P185
	16	6942012136497	ETM1-63H-4D16	11P186
	20	6942012136503	ETM1-63H-4D20	11P187
	25	6942012136510	ETM1-63H-4D25	11P188
	32	6942012136527	ETM1-63H-4D32	11P189
	40	6942012136534	ETM1-63H-4D40	11P190
50	6942012136541	ETM1-63H-4D50	11P191	
63	6942012136558	ETM1-63H-4D63	11P192	





ETM1-63 6kA

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Poles	Rated current (A)	EAN-13	Order details	
			Type code	Order code
 1P	1	6942012134004	ETM1-63-101	11R193
	2	6942012134011	ETM1-63-102	11R194
	3	6942012134028	ETM1-63-103	11R195
	4	6942012134035	ETM1-63-104	11R196
	5	6942012134042	ETM1-63-105	11R197
	6	6942012134059	ETM1-63-106	11R198
	8	6942012134066	ETM1-63-108	11R199
	10	6942012134073	ETM1-63-110	11R200
	13	6942012134080	ETM1-63-113	11R201
	16	6942012134097	ETM1-63-116	11R202
	20	6942012134103	ETM1-63-120	11R203
	25	6942012134110	ETM1-63-125	11R204
	32	6942012134127	ETM1-63-132	11R205
	40	6942012134134	ETM1-63-140	11R206
	50	6942012134141	ETM1-63-150	11R207
63	6942012134158	ETM1-63-163	11R208	
 2P	1	6942012134165	ETM1-63-201	11R209
	2	6942012134172	ETM1-63-202	11R210
	3	6942012134189	ETM1-63-203	11R211
	4	6942012134196	ETM1-63-204	11R212
	5	6942012134202	ETM1-63-205	11R213
	6	6942012134219	ETM1-63-206	11R214
	8	6942012134226	ETM1-63-208	11R215
	10	6942012134233	ETM1-63-210	11R216
	13	6942012134240	ETM1-63-213	11R217
	16	6942012134257	ETM1-63-216	11R218
	20	6942012134264	ETM1-63-220	11R219
	25	6942012134271	ETM1-63-225	11R220
	32	6942012134288	ETM1-63-232	11R221
	40	6942012134295	ETM1-63-240	11R222
	50	6942012134301	ETM1-63-250	11R223
63	6942012134318	ETM1-63-263	11R224	
 3P	1	6942012134325	ETM1-63-301	11R225
	2	6942012134332	ETM1-63-302	11R226
	3	6942012134349	ETM1-63-303	11R227
	4	6942012134356	ETM1-63-304	11R228
	5	6942012134363	ETM1-63-305	11R229
	6	6942012134370	ETM1-63-306	11R230
	8	6942012134387	ETM1-63-308	11R231
	10	6942012134394	ETM1-63-310	11R232
	13	6942012134400	ETM1-63-313	11R233
	16	6942012134417	ETM1-63-316	11R234
	20	6942012134424	ETM1-63-320	11R235
	25	6942012134431	ETM1-63-325	11R236
	32	6942012134448	ETM1-63-332	11R237
	40	6942012134455	ETM1-63-340	11R238
	50	6942012134462	ETM1-63-350	11R239
63	6942012134479	ETM1-63-363	11R240	
 4P	1	6942012134486	ETM1-63-401	11R241
	2	6942012134493	ETM1-63-402	11R242
	3	6942012134509	ETM1-63-403	11R243
	4	6942012134516	ETM1-63-404	11R244
	5	6942012134523	ETM1-63-405	11R245
	6	6942012134530	ETM1-63-406	11R246
	8	6942012134547	ETM1-63-408	11R247
	10	6942012134554	ETM1-63-410	11R248
	13	6942012134561	ETM1-63-413	11R249
	16	6942012134578	ETM1-63-416	11R250
	20	6942012134585	ETM1-63-420	11R251
	25	6942012134592	ETM1-63-425	11R252
	32	6942012134608	ETM1-63-432	11R253
	40	6942012134615	ETM1-63-440	11R254
	50	6942012134622	ETM1-63-450	11R255
63	6942012134639	ETM1-63-463	11R256	





ETM1-63H 10kA

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Poles	Rated current (A)	EAN-13	Order details	
			Type code	Order code
 <p>1P</p>	1	6942012136565	ETM1-63H-101	11P193
	2	6942012136572	ETM1-63H-102	11P194
	3	6942012136589	ETM1-63H-103	11P195
	4	6942012136596	ETM1-63H-104	11P196
	5	6942012136602	ETM1-63H-105	11P197
	6	6942012136619	ETM1-63H-106	11P198
	8	6942012136626	ETM1-63H-108	11P199
	10	6942012136633	ETM1-63H-110	11P200
	13	6942012136640	ETM1-63H-113	11P201
	16	6942012136657	ETM1-63H-116	11P202
	20	6942012136664	ETM1-63H-120	11P203
	25	6942012136671	ETM1-63H-125	11P204
	32	6942012136688	ETM1-63H-132	11P205
	40	6942012136695	ETM1-63H-140	11P206
 <p>2P</p>	50	6942012136701	ETM1-63H-150	11P207
	63	6942012136718	ETM1-63H-163	11P208
	1	6942012136725	ETM1-63H-201	11P209
	2	6942012136732	ETM1-63H-202	11P210
	3	6942012136749	ETM1-63H-203	11P211
	4	6942012136756	ETM1-63H-204	11P212
	5	6942012136763	ETM1-63H-205	11P213
	6	6942012136770	ETM1-63H-206	11P214
	8	6942012136787	ETM1-63H-208	11P215
	10	6942012136794	ETM1-63H-210	11P216
	13	6942012136800	ETM1-63H-213	11P217
	16	6942012136817	ETM1-63H-216	11P218
	20	6942012136824	ETM1-63H-220	11P219
	 <p>3P</p>	25	6942012136831	ETM1-63H-225
32		6942012136848	ETM1-63H-232	11P221
40		6942012136855	ETM1-63H-240	11P222
50		6942012136862	ETM1-63H-250	11P223
63		6942012136879	ETM1-63H-263	11P224
1		6942012136886	ETM1-63H-301	11P225
2		6942012136893	ETM1-63H-302	11P226
3		6942012136909	ETM1-63H-303	11P227
4		6942012136916	ETM1-63H-304	11P228
5		6942012136923	ETM1-63H-305	11P229
6		6942012136930	ETM1-63H-306	11P230
8		6942012136947	ETM1-63H-308	11P231
10		6942012136954	ETM1-63H-310	11P232
 <p>4P</p>		13	6942012136961	ETM1-63H-313
	16	6942012136978	ETM1-63H-316	11P234
	20	6942012136985	ETM1-63H-320	11P235
	25	6942012136992	ETM1-63H-325	11P236
	32	6942012137005	ETM1-63H-332	11P237
	40	6942012137012	ETM1-63H-340	11P238
	50	6942012137029	ETM1-63H-350	11P239
	63	6942012137036	ETM1-63H-363	11P240
	1	6942012137043	ETM1-63H-401	11P241
	2	6942012137050	ETM1-63H-402	11P242
	3	6942012137067	ETM1-63H-403	11P243
	4	6942012137074	ETM1-63H-404	11P244
	5	6942012137081	ETM1-63H-405	11P245
	6	6942012137098	ETM1-63H-406	11P246
<td>8</td> <td>6942012137104</td> <td>ETM1-63H-408</td> <td>11P247</td>	8	6942012137104	ETM1-63H-408	11P247
	10	6942012137111	ETM1-63H-410	11P248
	13	6942012137128	ETM1-63H-413	11P249
	16	6942012137135	ETM1-63H-416	11P250
	20	6942012137142	ETM1-63H-420	11P251
	25	6942012137159	ETM1-63H-425	11P252
	32	6942012137166	ETM1-63H-432	11P253
	40	6942012137173	ETM1-63H-440	11P254
50	6942012137180	ETM1-63H-450	11P255	
63	6942012137197	ETM1-63H-463	11P256	

ETM1-63UH 15kA

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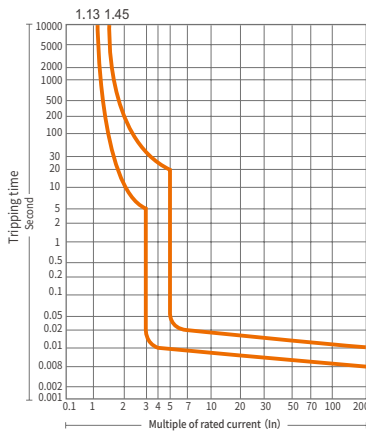
Poles	Rated current (A)	EAN-13	Order details	
			Type code	Order code
 <p>1P</p>	1	6942012139122	ETM1-63UH-101	11Q193
	2	6942012139139	ETM1-63UH-102	11Q194
	3	6942012139146	ETM1-63UH-103	11Q195
	4	6942012139153	ETM1-63UH-104	11Q196
	5	6942012139160	ETM1-63UH-105	11Q197
	6	6942012139177	ETM1-63UH-106	11Q198
	8	6942012139184	ETM1-63UH-108	11Q199
	10	6942012139191	ETM1-63UH-110	11Q200
	13	6942012139207	ETM1-63UH-113	11Q201
	16	6942012139214	ETM1-63UH-116	11Q202
	20	6942012139221	ETM1-63UH-120	11Q203
	25	6942012139238	ETM1-63UH-125	11Q204
	32	6942012139245	ETM1-63UH-132	11Q205
	40	6942012139252	ETM1-63UH-140	11Q206
 <p>2P</p>	50	6942012139269	ETM1-63UH-150	11Q207
	63	6942012139276	ETM1-63UH-163	11Q208
	1	6942012139283	ETM1-63UH-201	11Q209
	2	6942012139290	ETM1-63UH-202	11Q210
	3	6942012139306	ETM1-63UH-203	11Q211
	4	6942012139313	ETM1-63UH-204	11Q212
	5	6942012139320	ETM1-63UH-205	11Q213
	6	6942012139337	ETM1-63UH-206	11Q214
	8	6942012139344	ETM1-63UH-208	11Q215
	10	6942012139351	ETM1-63UH-210	11Q216
	13	6942012139368	ETM1-63UH-213	11Q217
	16	6942012139375	ETM1-63UH-216	11Q218
	20	6942012139382	ETM1-63UH-220	11Q219
	 <p>3P</p>	25	6942012139399	ETM1-63UH-225
32		6942012139405	ETM1-63UH-232	11Q221
40		6942012139412	ETM1-63UH-240	11Q222
50		6942012139429	ETM1-63UH-250	11Q223
63		6942012139436	ETM1-63UH-263	11Q224
1		6942012139443	ETM1-63UH-301	11Q225
2		6942012139450	ETM1-63UH-302	11Q226
3		6942012139467	ETM1-63UH-303	11Q227
4		6942012139474	ETM1-63UH-304	11Q228
5		6942012139481	ETM1-63UH-305	11Q229
6		6942012139498	ETM1-63UH-306	11Q230
8		6942012139504	ETM1-63UH-308	11Q231
10		6942012139511	ETM1-63UH-310	11Q232
 <p>4P</p>		13	6942012139528	ETM1-63UH-313
	16	6942012139535	ETM1-63UH-316	11Q234
	20	6942012139542	ETM1-63UH-320	11Q235
	25	6942012139559	ETM1-63UH-325	11Q236
	32	6942012139566	ETM1-63UH-332	11Q237
	40	6942012139573	ETM1-63UH-340	11Q238
	50	6942012139580	ETM1-63UH-350	11Q239
	63	6942012139597	ETM1-63UH-363	11Q240
	1	6942012139603	ETM1-63UH-401	11Q241
	2	6942012139610	ETM1-63UH-402	11Q242
	3	6942012139627	ETM1-63UH-403	11Q243
	4	6942012139634	ETM1-63UH-404	11Q244
	5	6942012139641	ETM1-63UH-405	11Q245
	6	6942012139658	ETM1-63UH-406	11Q246
8	6942012139665	ETM1-63UH-408	11Q247	
10	6942012139672	ETM1-63UH-410	11Q248	
13	6942012139689	ETM1-63UH-413	11Q249	
16	6942012139696	ETM1-63UH-416	11Q250	
20	6942012139702	ETM1-63UH-420	11Q251	
25	6942012139719	ETM1-63UH-425	11Q252	
32	6942012139726	ETM1-63UH-432	11Q253	
40	6942012139733	ETM1-63UH-440	11Q254	
50	6942012139740	ETM1-63UH-450	11Q255	
63	6942012139757	ETM1-63UH-463	11Q256	

Tripping Characteristic

Data acc. to IEC/EN 60898-1

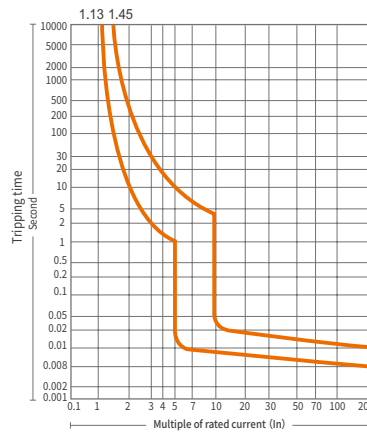
Curve	Rated current	Thermal release				Ambient temperature	Magnetic release			Ambient temperature
		Non-trip	Trip	Non-trip time	Trip time		Hold current	Trip current	Trip time	
B	1-63A	1.13In		≤1h		30°C+5°C	3In		≥0.1	Normal temperature
			1.45In		<1h			5In	<0.1	
C	1-63A	1.13In		≤1h			5In		≥0.1	
			1.45In		<1h			10In	<0.1	
D	1-63A	1.13In		≤1h			10In		≥0.1	
			1.45In		<1h			20In	<0.1	

B curve



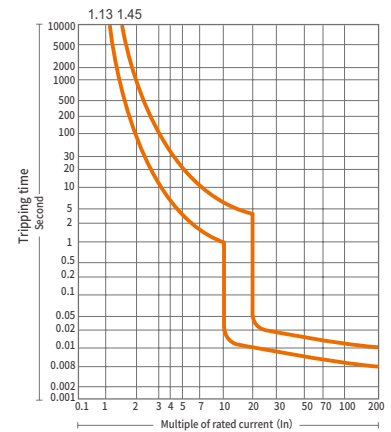
Universal use
- socket outlet, lighting device

C curve



Resistive & inductive loads with low inrush current
- lamp, high starting current motor

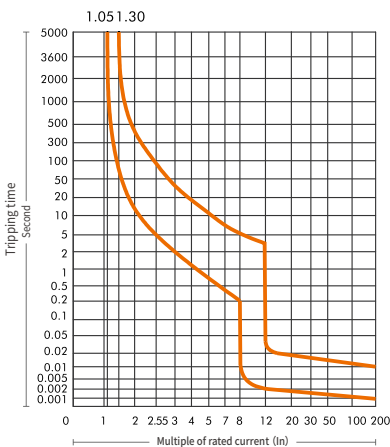
D curve



Loads with high inrush current
- transformer, solenoid valve, 2 pole motor

Data acc. to IEC/EN 60947-2

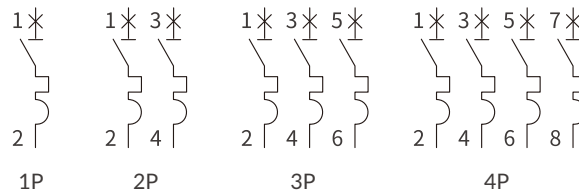
Rated current (In)	Tripping Characteristic	Initial state	Test current (A)	Trip time (t)	Result to be obtained	Ambient temperature
≤63A	Thermal release	Cold state	1.05In	≥1h	No trip	40°C
		Hot state (Follow the above test)	1.30In	<1h	Trip	
	Magnetic release	Cold state	8In	≤0.2s	No trip	Normal temperature
			12In	<0.2s	Trip	



Temperature Derating Table

Rated current (A)	Correction factor for ambient temperature											
	-40°C	-30°C	-20°C	-10°C	0°C	10°C	20°C	30°C	40°C	50°C	60°C	70°C
1	1.33	1.29	1.25	1.2	1.15	1.11	1.05	1	0.94	0.88	0.82	0.75
2	2.67	2.58	2.49	2.4	2.31	2.21	2.11	2	1.89	1.76	1.63	1.49
3	4	3.9	3.7	3.6	3.5	3.3	3.2	3	2.8	2.6	2.4	2.2
4	5.3	5.2	5	4.8	4.6	4.4	4.2	4	3.8	3.5	3.3	3
5	6.7	6.5	6.31	6.1	5.8	5.5	5.25	5	4.7	4.3	4	3.7
6	8	7.7	7.5	7.2	6.9	6.6	6.3	6	5.7	5.3	4.9	4.5
10	13.3	12.9	12.5	12	11.5	11.1	10.5	10	9.4	8.8	8.2	7.5
16	21.3	20.7	20	19.2	18.5	17.7	16.9	16	15.1	14.1	13.1	11.9
20	26.7	25.8	24.9	24	23.1	22.1	21.1	20	18.9	17.6	16.3	14.9
25	33.3	32.3	31.2	30	28.9	27.6	26.4	25	23.6	22	20.4	18.6
32	42.7	41.3	39.9	38.5	37	35.4	33.7	32	30.2	28.2	26.1	23.9
40	53.3	51.6	49.9	48.1	46.2	44.2	42.2	40	37.7	35.3	32.7	29.8
50	66.7	64.5	62.4	60.1	57.7	55.3	52.7	50	47.1	44.1	40.8	37.3
63	84	81.3	78.6	75.7	72.7	69.6	66.4	63	59.4	55.6	51.4	47

Wiring Diagram



Dimension (mm)

