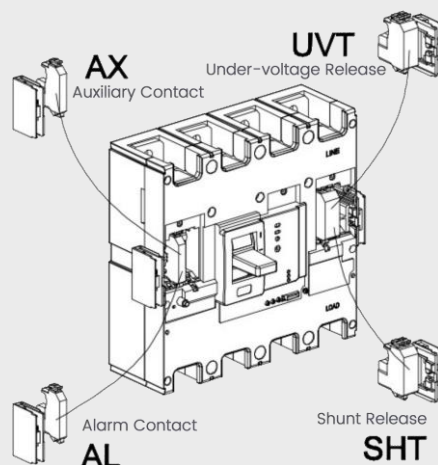


AC Molded Case Circuit Breaker (MCCB)



Function: Overload, short circuit and under voltage protection



Main Ratings according to EN IEC 60947-2

Type	T125	T160	T250	T400	T630	T800
Rated Voltage (Ue)	AC400V	AC400V	AC400V	AC400V	AC400V	AC400V
Rated Current (In) A	63,80, 100,125	100,125, 140, 160	180, 200, 225,250	250,315, 350,400	400,500, 630	630,700, 800
Rated Insulation Voltage (Ui)	1000V	1000V	1000V	1000V	1000V	1000V
Rated Service Breaking Cap.(Ics)	25 kA	50 kA	50 kA	50 kA	50 kA	50 kA
Ultimate breaking capacity (Icu)	35 kA	70 kA	85 kA	85 kA	85 kA	85 kA
Electrical Life	6000	3000	3000	2000	2000	1500
Mechanical Life	9000	7000	7000	4000	4000	4000
Basic Dimension	25x130x68	30x155x88	35x165x88	46x257x103	46x275x103	70x275x103
Degree of Protection	IP 20 with conductors, IP40 in enclosure with cover					
Pollution Degree	2/ III					
Storage Temperature	-40°C~+85°C					

Tripping Characteristics

Test	Type	Test Current	Starting State	Trip or Non-trip Time Limit	Expected Result
1	B,C,D	1.13 In	Cold	$t \leq 1h$	No tripping
		1.45 In	Follow Previous	$t < 1h$	Trip
		2.55 In	Cold	$I_s < t < 60s$ (For $I_n \leq 32A$) $I_s < t < 120s$ (For $I_n > 32A$)	Trip
2	B	3 In	Cold	$t \leq 0.1s$	No tripping
	C	5 In			
	D	10 In			
	B	5 In	Cold	$t \leq 0.1s$	Trip
	C	10 In			
	D	20 In			