

# UMBW

## Thermal-Magnetic MCB

### Overview:

Single pole and multi-pole thermal-magnetic miniature circuit breakers (MCBs) in accordance with EN 60947-2, UL 1077 and UL 489 for DIN rail mounting with toggle actuation, visual status indication and high interrupt capacity. A positively trip-free snap action mechanism ensures reliable switching behavior. A range of trip characteristics and add-on accessories make the UMBW suitable for a variety of applications.

### Technical Data:

Current rating & rated voltage	
IEC/EN 60947-2	1...63 A 1P (AC 230 V); 2P, 3P (AC 400 V)
UL 1077	1...63 A 1P (AC 277 V) 2P, 3P (AC 480Y/277 V)
UL 489	<b>1...63 A</b> 1P (AC 120 V); 2P, 3P (AC 240 V) 1...20 A 1P (AC 277 V) 2P, 3P (AC 480Y/277 V) 1...63 A 1P (DC 60 V); 2P (DC 125 V)
Trip Curves	B, C, D (according to EN 60947-2)
Interrupting Capacity $I_{cu}$	
UL 1077 kA Ratings	1P 240VAC 7.5kA 1P 277VAC 5kA 2-3P 480VAC 5kA
UL 489 kA Ratings	240/277/480VAC 1-2-3P 10kA
Typically Life (electrically)	10,000 cycles
Typical Life (mechanically)	20,000 cycles
Protection Class	IP 20
Ambient Temperature	-35 °C ... +70 °C
Approvals	IEC 60947-2, UL 1077, UL 489
Accessories	Auxiliary Contact, Alarm Contact, Shunt Release

