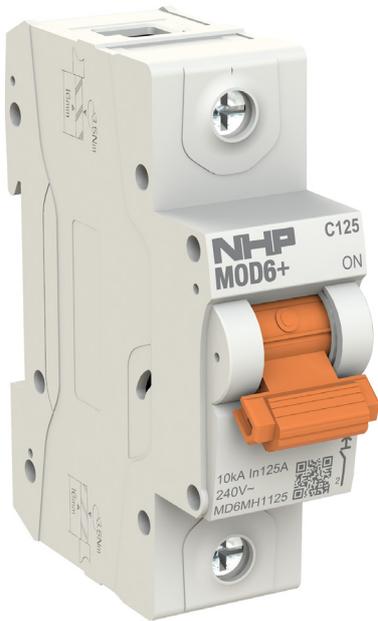


MD6MH180

NHP MOD6+ Miniature Circuit Breaker MCB 10kA 1 Pole 80A C Curve



Component type	Miniature circuit breaker (MCB)
Range	MOD6+ Miniature Circuit Breakers
Model	N/A
Product status	Existing

NHP's MOD6+ Miniature Circuit Breakers (MCBs) offer cost effective solutions while providing core electrical protection, designed to detect and trip on overload and short circuit currents. These MCBs are available with a 6kA short circuit rating, with current ratings from 6-63A in 1P, 2P or 3P in C trip curve and 80-125A in 1P & 3P in C trip curve.

ELECTRICAL

Rated current	80 A
Number of poles (total)	1
Trip curve	C
Rated voltage	240 V
Frequency	50-60 Hz
Voltage type	AC
Service voltage U_b , AC	12 V
Rated short-circuit breaking capacity I_{cu} according to AS/NZS 60947-2 at 230 VAC	10 kA
Max. rated operation voltage U_e	264 V
Rated insulation voltage U_i	440 V
Rated impulse withstand voltage U_{imp}	4 kV

CONSTRUCTION

Additional equipment possible	No
Number of protected poles	1
IP rating	IP40

MECHANICAL

Connectable conductor cross section solid-core	1-50 mm ²
Connectable conductor cross section multi-wired	1-50 mm ²

DIMENSIONS

Height	89.5 mm
Width	27 mm
Depth	80.5 mm
Width in number of modular spacings	1.5
Weight	0.19 kg

ENVIRONMENT

Pollution degree	3
Rated surrounding temperature without derating	30 °C
Rated temperature	-20...60 °C

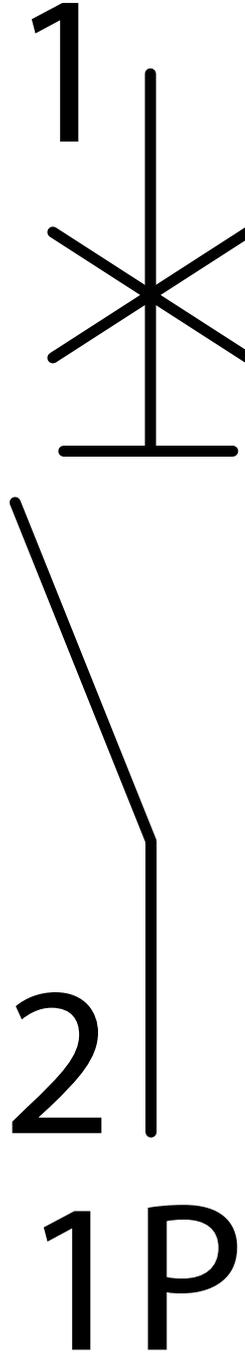
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MOD6+TM
MINIATURE CIRCUIT BREAKERS

CIRCUIT DIAGRAM

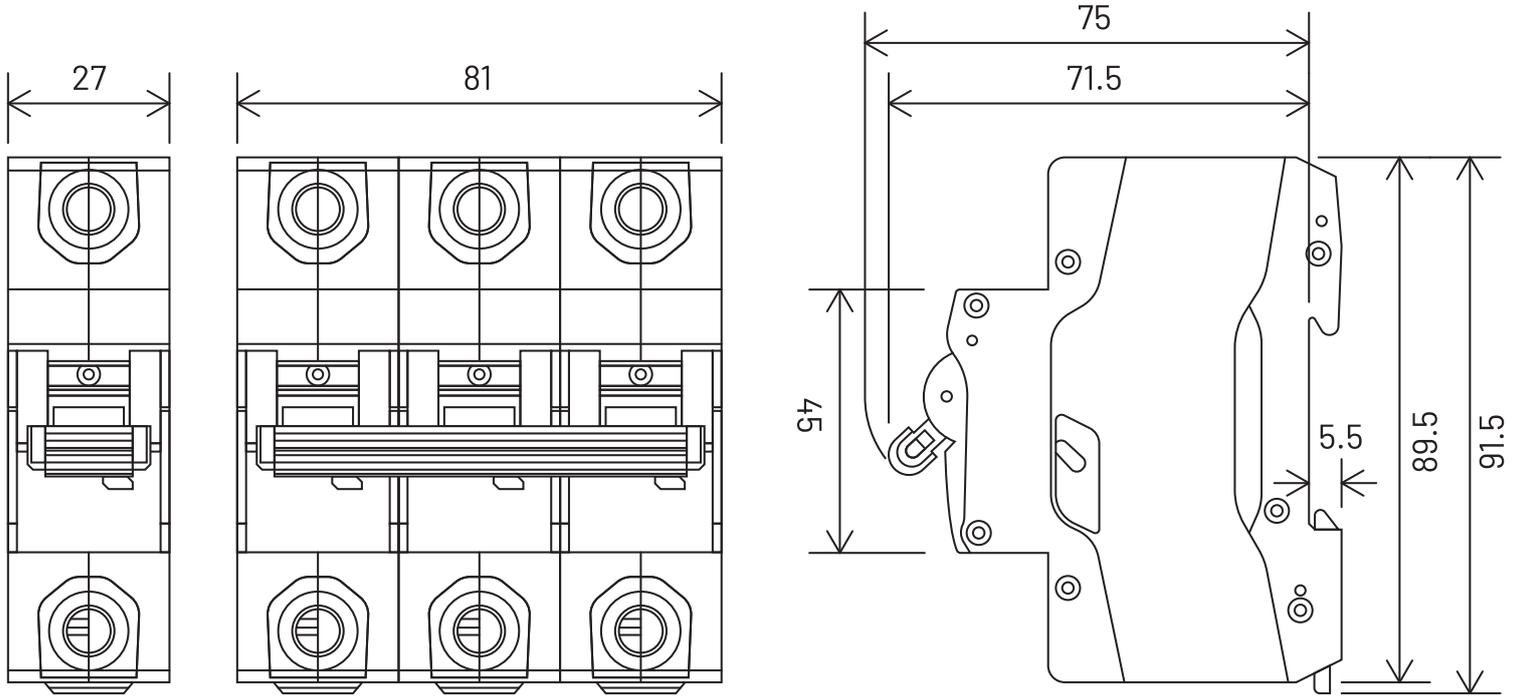


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DIMENSIONAL DIAGRAM



MD6MH180

NHP MOD6+ Miniature Circuit Breaker MCB 10kA 1 Pole 80A C Curve



RELATED PRODUCTS

ACCESSORY



Item No: DTLD

Required: No

Description: NHP DIN-T LOCKDIN Locking Device Removable Individual Piece 8mm



Item No: DTTAX50PN

Required: No

Description: NHP DIN-T Accessory Terminal Axial Pin 50mm



Item No: DTPF12

Required: No

Description: NHP DIN-T Accessory Pole Filler 12Pole Strip 216mm equals 24 x 9mm Segments