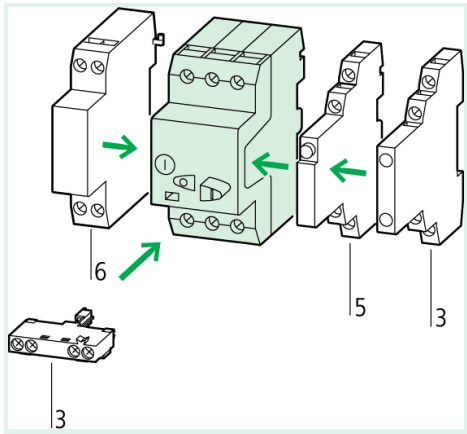
MOELLER

Type: **PKZM01–0,4**
Article No.: **278477**



Ordering information			
Motor rating AC–3 220 V 230 V 240 V	*P*	kW	0.06
Motor rating AC–3 380 V 400 V 415 V	*P*	kW	0.09
Motor rating AC–3 440 V	*P*	kW	0.12
Motor rating AC–3 500 V	*P*	kW	0.12
Motor rating AC–3 690 V	*P*	kW	0.18
Rated uninterrupted current	I_u	A	0.4
Overload release, min. – Overload release, max.	I_r	A	0,25 – 0,4
max.	I_{rm}	A	5,6

Notes concerning the product group



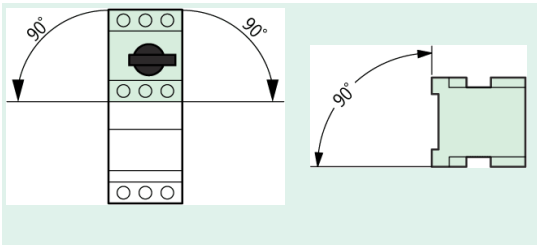
Accessories	*Page*
3 Standard auxiliary contact	→ 072896
5 Trip–indicating auxiliary contact	→ 072898

6 Shunt release, undervoltage release → 073187
Single−phasing sensitivity to IEC/EN 60947−4−1
Can be snap−fitted to IEC/EN 60715 top−hat rail with 7.5 or 15 mm height.

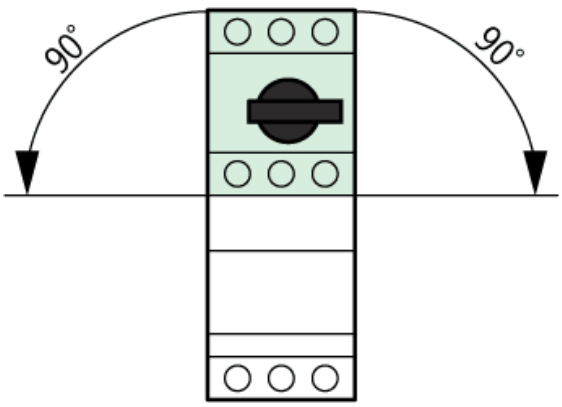
General			
Standards			IEC/EN 60947, VDE 0660, UL 508, CSA C 22.2 No. 14
Climatic proofing			Damp heat, constant, to IEC 60068−2−78 Damp heat, cyclic, to IEC 60068−2−30
Ambient temperature			
Storage		°C	−25/80
Open		°C	−25/55
Enclosed		°C	−25/40
Direction of incoming supply			As required
Degree of protection			
Device			IP20
Terminations			IP00
Protection against direct contact			Finger− and back−of−hand proof
Mechanical shock resistance half−sinusoidal shock 10 ms to IEC 60068−2−27		g	25
Altitude		m	2000
Terminal capacities			
Solid		mm^2	1 × (1 – 6) 2 × (1 – 6)
Flexible with ferrule to DIN 46228		mm^2	1 × (1 – 6) 2 × (1 – 6)
Solid or stranded		AWG	18 – 10
Specified tightening torque for terminal screws			
Main cable		Nm	1,7
Control circuit cables		Nm	1
Main conducting paths			
Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/3
Rated operational voltage	U_e	V AC	690
Rated uninterrupted current = rated operational current	$I_u = I_e$	A	16 or current setting of the overcurrent release
Rated frequency		Hz	40 – 60
Current heat loss (3−pole at operating temperature)		W	6
Lifespan, mechanical	Operations	× 10^6	> 0,05
Lifespan, electrical (AC−3 at 400 V)	Operations	× 10^6	0,05
Maximum operating frequency			
Max. operating frequency		Ops/h	25
Short−circuit rating			
DC			
Short−circuit rating		kA	60
Short−circuit rating			60
Motor switching capacity			

AC–3 up to 690 V		A	16
DC–5 (up to 250 V)		A	16 (3 contacts in series)
Trip blocks			
Temperature compensation			
to IEC/EN 60 947, VDE 0660		°C	–5 – 40
Operating range		°C	–25 – 55
Temperature compensation residual error for T > 20 °C		%/K	f 0.25
Setting range of overload releases		× I_u	0,6 – 1
Short–circuit release fixed		× I_u	14
Short–circuit release tolerance		%	20
Phase–failure sensitivity			IEC/EN 60947–4–1, VDE 0660 Part 102
Dimensions			

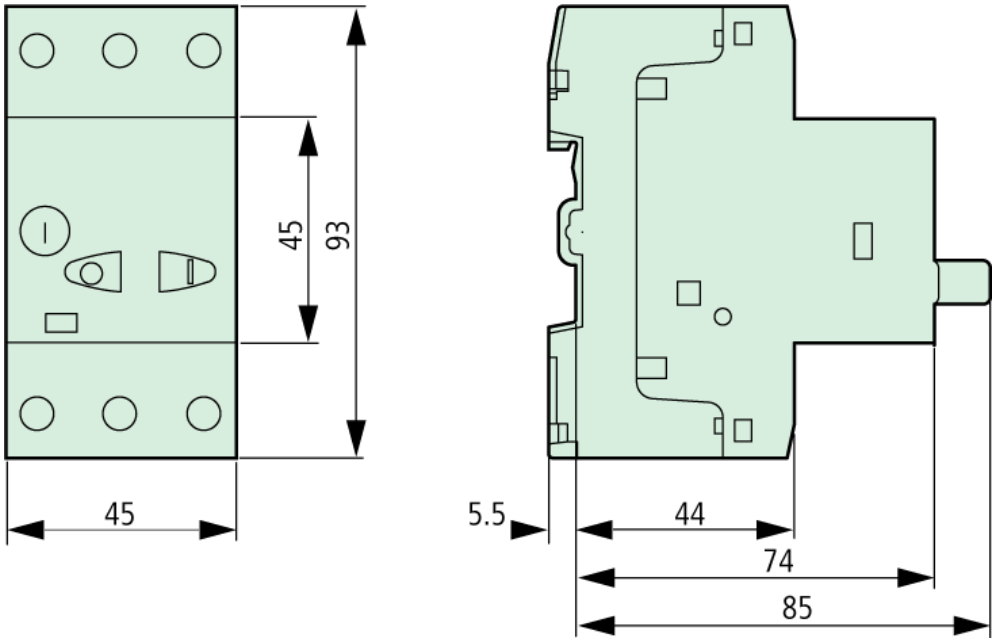
Mounting position



Mounting position



Dimensions



Moeller GmbH, Hein–Moeller–Str. 7–11, D–53115 Bonn
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