



**RCD/MCB, 25A, 100mA, miniature circuit-breaker trip curve C, 3 p,
residual current circuit-breaker trip characteristic: A**

Part no. PKPM3-25/3/C/01-A
Article no. 136566

Similar to illustration

Design verification as per IEC/EN 61439

Technical data for design verification				
Rated operational current for specified heat dissipation	I_n	A		25
Heat dissipation per pole, current-dependent	P_{vid}	W		0
Equipment heat dissipation, current-dependent	P_{vid}	W		9.4
Static heat dissipation, non-current-dependent	P_{vs}	W		0
Heat dissipation capacity	P_{diss}	W		0
Operating ambient temperature min.		°C		-25
Operating ambient temperature max.		°C		40
				0
IEC/EN 61439 design verification				
10.2 Strength of materials and parts				
10.2.2 Corrosion resistance				
10.2.2.1 Verification of thermal stability of enclosures				Meets the product standard's requirements.
10.2.2.2 Verification of resistance of insulating materials to normal heat				Meets the product standard's requirements.
10.2.2.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects				Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation				Meets the product standard's requirements.
10.2.5 Lifting				Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact				Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions				Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES				
10.4 Clearances and creepage distances				
10.5 Protection against electric shock				
10.6 Incorporation of switching devices and components				
10.7 Internal electrical circuits and connections				
10.8 Connections for external conductors				
10.9 Insulation properties				
10.9.2 Power-frequency electric strength				Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage				Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material				Is the panel builder's responsibility.
10.10 Temperature rise				
10.11 Short-circuit rating				
10.12 Electromagnetic compatibility				
10.13 Mechanical function				

Technical data ETIM 6.0

Circuit breakers and fuses (EG000020) / Earth leakage circuit breaker (EC000905)				
Electric engineering, automation, process control engineering / Electrical installation, device / Residual current protection system / MCB/RCCB combination (ecl@ss8.1-27-14-22-07 [AFZ810012])				
Number of poles (total)				3
Number of protected poles				3
Nominal rated voltage		V		400
Nominal rated current		A		25
Rated fault current		A		0.1

Leakage current type			A
Current limiting class			3
Rated short-circuit breaking capacity EN 60898		kA	10
Rated short-circuit breaking capacity IEC 60947-2		kA	0
Frequency			50 Hz
Release characteristic			C
Concurrently switching N-neutral			Yes
Over voltage category			3
Pollution degree			2
Width in number of modular spacings			4
Built-in depth		mm	70
Suitable for flush-mounted installation			No
Degree of protection (IP)			IP20
Surge current capacity		kA	0.25
Voltage type			AC
Antinuisance tripping version			No