



50A DC string protective switch



Powering Business Worldwide™

Part no. PKZ-SOL50
Article no. 120941

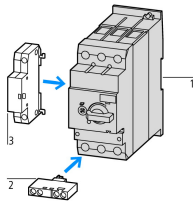
Delivery programme

Product range			Switchgear for photovoltaic systems
Subrange			String circuit-breakers
Product range			String circuit-breakers
Application field			Utility buildings Open areas
Rated operational voltage	U_e	V	900
Protection class			2
Number of conductors			2 pole
Rated operational current 240 V	I_e	A	50
Setting range			
Short-circuit releases	I_{rm}	A	29 - 38
Design			open

Notes

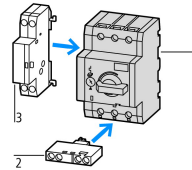
¹⁾ Availability from July 2010

Notes



Accessories

- 2 auxiliary contacts NHI-E
- 3 shunt releases A-PKZ0
- 3 undervoltage releases U-PKZ0



Page

- 082882
- 073187
- 073135

Approvals

NA Certification
Specially designed for NA

Request filed for UL and CSA
No

Rated operational current I_e at DC-21A/750VDC	I_e	A	50
Pole			2 pole
Rated operational voltage	U_e	V	900
Thermal trip			$1.05 - 1.3 \times I_e$
Electromagnetic trip block			$6 \times I_e$
Standards			IEC/EN 60 947-2 UL-508, TÜV-certified
Climatic proofing			Damp heat, constant to IEC 60068-2-78 Damp heat, cyclic to IEC 60068-2-30

Ambient temperature

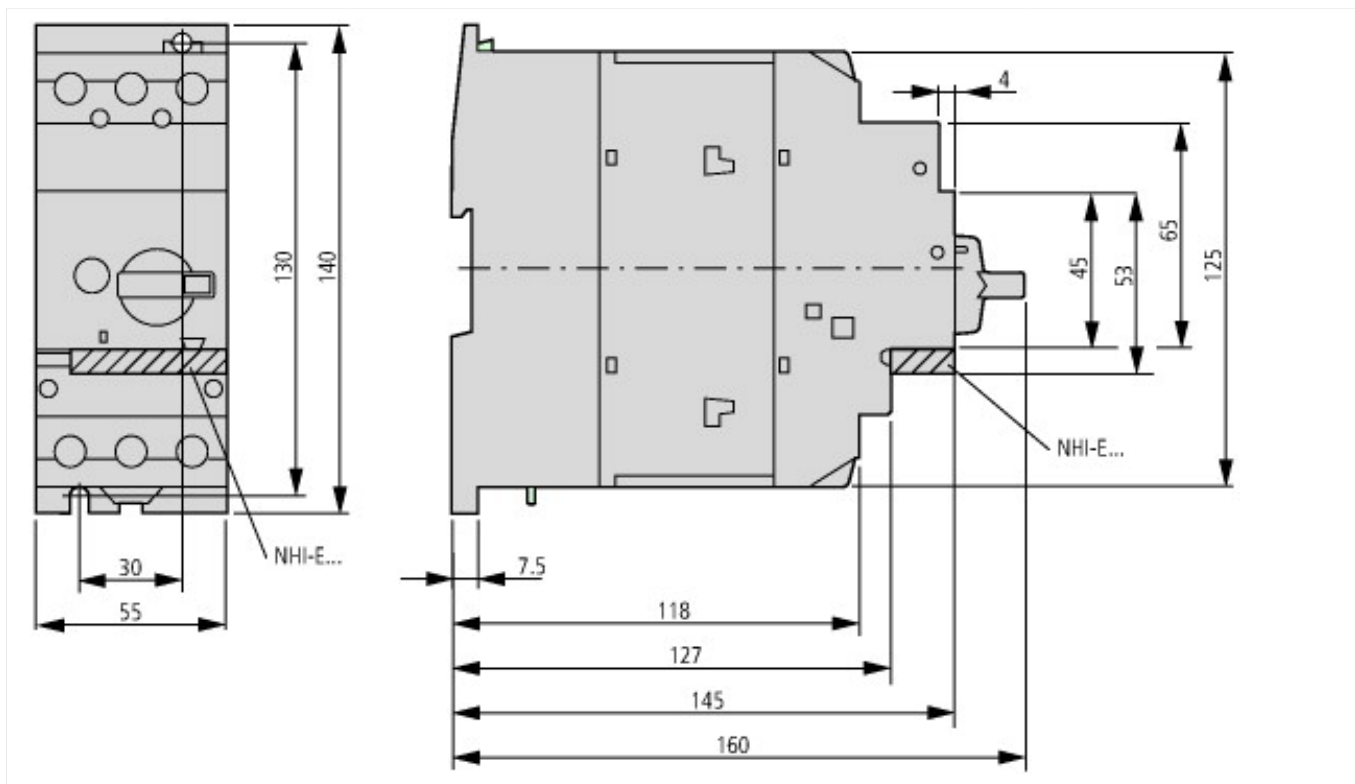
Open		°C	- 25 - + 60
Mounting position			

Dimensions

Width		mm	55
Height		mm	140
Depth		mm	160

Top-hat rail		35 mm
Screw mounting		2 x M4 x 18 30 x 130
Weight	kg	1.25
Terminal capacities		
Flexible with ferrule	mm ²	1 x (1 - 35) 2 x (1 - 35)
Solid or stranded	AWG	14 - 2

Dimensions



Additional product information (links)

Motor starters and "Special Purpose Ratings" for the North American market

http://www.moeller.net/binary/ver_techpapers/ver953en.pdf

Busbar Component Adapters for modern Industrial control panels

http://www.moeller.net/binary/ver_techpapers/ver960en.pdf