

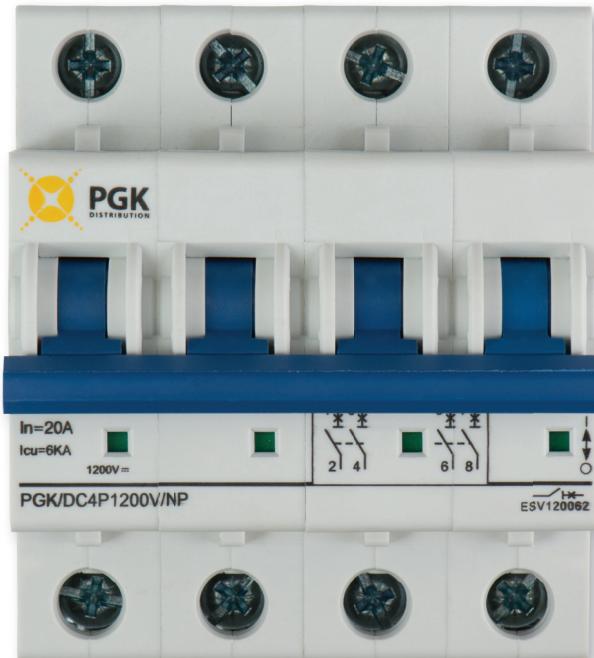
SE005A

4P 1200V DC Breaker Non-Polarity 20A

Features

- Reliable protection at high ambient temperatures
- Loadable: string protection up to 63A
- Tested: Ultimate short circuit breaking capacity Icu of 6 kA in accordance with IEC60898-2 and IEC60947-2
- Fast: Reclosable for minimum standstill times
- Safe: Reliable disconnector properties, switching under load
- Approval: Provided on request

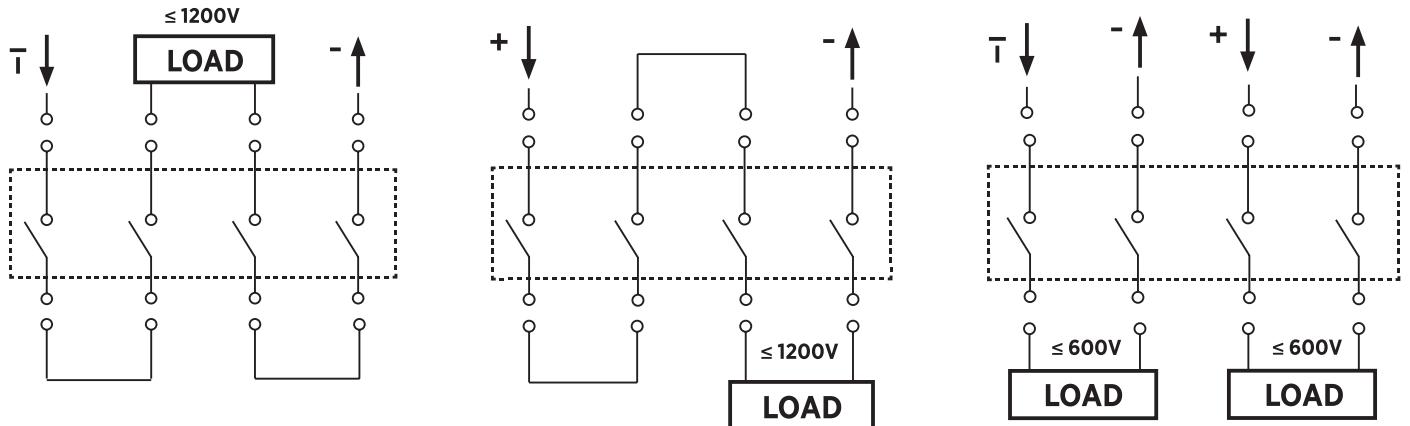
Barcode: 9347153000114



Technical Specifications

Frame degree rated current (A)	63
Electrical performance	
Ue Rated operating voltage (VDC)	2P: DC440V, DC550V, DC800V 4P: DC1000V, DC1200V
Rated Current In (A)	6-10-16-20-25-32-40-50-63
Rated insulation voltage Ui (VDC)	1200V
Rated Impact voltage Uimp (kV)	4
Ultimate breaking capacity Icu (kA)	6
Run breaking capacity Ics (%Icu)	75%
Curve type	C
Trip type	Thermal-magnetic
Connection and Installation	
Wiring capacity (mm ²)	In ≤ 32A, 1-25mm ² , I ≥ 40A, 10 ~ 35mm ²
Ambient temperature (°C)	-20-70
Altitude	≤ 2000
Relative humidity	≤ 95%
Pollution Level	3
Installation Environment	No obvious shock and vibration
Installation category	Class II
Instalation	DIN Standard rail
Packing size	44 x 24 x 17.5 cm

Wiring diagram



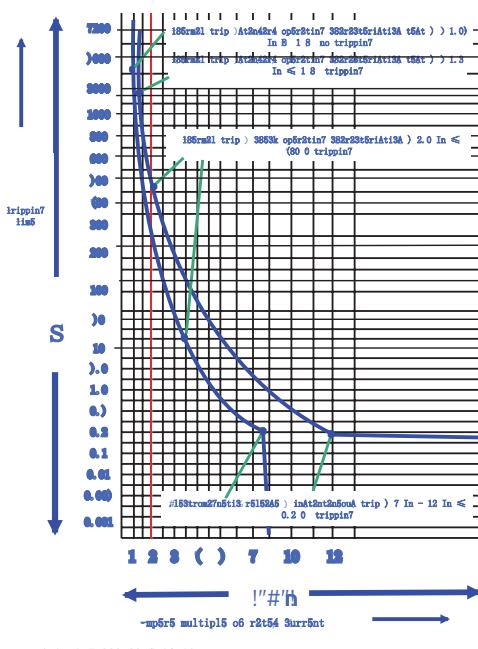
- Protection and Isolation wiring
- The load should be $\leq 1200V$
- The connection considered for a network in which the middle point of the supply source is earthed
- In this case the breaker protects and isolates the load

- Protection and Isolation wiring
- The load should be $\leq 1200V$
- The Negative pole (-) could be earthed, but in both cases the breaker protects and isolates the load

- Protection and Isolation wiring to connect two different loads to DC Circuit Breaker 1200V
- Each of the loads should be $\leq 600V$
- This connection considered for a network of two independent loads in which the negative poles (-) can be also earthed

Wiring Diagram for PGK DC Circuit Breaker 4 Pole for a rated voltage $U_n = 1200V$

Characteristics Curves



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