



## Technical data:

<b>Standards</b>	STN EN 60 898 - 1
<b>Pole configuration</b>	1; 1+N; 2; 3; 3+N; 4
<b>Tripping characteristics</b>	B, C, D
<b>Rated voltage U<sub>n</sub> (V)</b>	230, 230/400, 400
<b>Rated current I<sub>n</sub> (A)</b>	40, 50, 63, 80, 100, 125
<b>Breaking capacity</b>	10
<b>Rated frequency (Hz)</b>	50
<b>Electrical endurance</b>	4 000 cycles
<b>Terminal capacity (mm<sup>2</sup>)</b>	1 - 50
<b>Mounting</b>	on rail DIN 35x7,5 EN 60 715
<b>Degree of protection</b>	IP 20, IP 40 front
<b>Ambient temperature (°C)</b>	-5°C up to +40°C
<b>Mounting position</b>	according to label
<b>Approvals</b>	ESS
<b>Rated DC (V)</b>	max 110DC (for one pole, τ=4ms)
<b>Accessories</b>	shunt trips VC, auxiliary contacts PK120, 2PK120

## Usage:

- Circuit breakers PR 120 series are mechanical switching devices able to switch, conduct and switch – off the current under normal conditions and able to switch, conduct and automatically switch – off the current under abnormal conditions such as short circuit.
- They are used to protect house installations and industrial electric distributions.
- They are designed to be operated by untrained persons and they are maintenance – free
- Tripping characteristic B, C, D

## Mounting:

- On rail 35 x 7,5 in accordance with EN 60 715
- Sealable in ON and OFF position
- Conductors 1 – 50 mm<sup>2</sup>
- Breaking capacity 15kA

Validity from: 22.11.2024

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