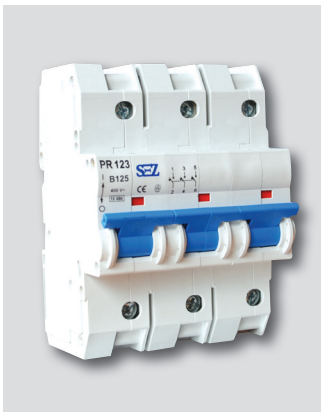
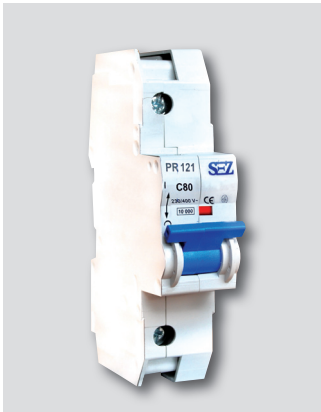


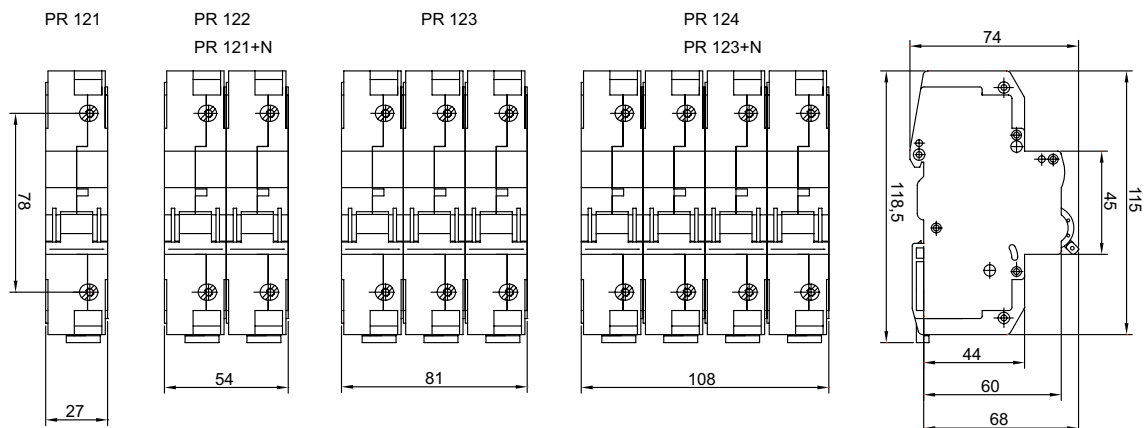
- circuit breakers PR 120 series are mechanical switching devices able to switch, conduct and switch – off the current under normal conditions and able to switch, conduct and automatically switch – off the current under abnormal conditions such as short circuit.
- they are used to protect house installations and industrial electric distributions
- they are designed to operate by untrained persons and they are maintenance – free
- tripping characteristic B, C, D
- lower interlock for fastening to the strip 35 x 7,5 in accordance with EN 60 715 – it allows also to take out circuit breaker from the line of devices together connected by lower busbar strip without interrupting of adjacent current circuits
- sealable in ON and OFF position
- there is a possibility to use throughout covers for both terminals (the modular width 17,5 mm) which can be sealed by sealable blinder
- conductors 2,5 – 50 mm²
- process of connection is optional



Technical data

Standards	STN EN 60 898-1
Number of poles	1; 1+N; 2; 3; 3+N; 4
Tripping characteristics	B, C - acc. to STN EN 60 898-1
Rated voltage U_n (V)	230, 230/400, 400
Rated current I_n (A)	40, 50, 63, 80, 100, 125
Breaking capacity	10 (15)
Selectivity class	3
Rated frequency (Hz)	50 - 60
Electrical endurance	4 000 switching cycles
Cross-section of conductors (mm ²)	2,5 - 50
Mounting	on DIN rail 35x7,5 EN 60 715
Protection degree	IP 20, IP 40 from the front panel
Ambient temperature (°C)	-5°C till +40°C
Operating position	optional
Approved	ESS
Accessories	shunt trip - VC: 230V AC, dimension: 1,5 x module (27 mm)
Rated DC voltage U_n (V)	max 110 DC (for one pole, $t=4$ ms)

Dimensional drawing of PR 120



Characteristic B

Ord. Nr.	Type
0099157	PR 121 B 40
0099158	PR 121 B 50
0099159	PR 121 B 63
0099160	PR 121 B 80
0099161	PR 121 B 100
0099162	PR 121 B 125
0099169	PR 122 B 40
0099170	PR 122 B 50
0099171	PR 122 B 63
0099172	PR 122 B 80
0099173	PR 122 B 100
0099174	PR 122 B 125
0099175	PR 123 B 40
0099176	PR 123 B 50
0099177	PR 123 B 63
0099178	PR 123 B 80
0099179	PR 123 B 100
0099180	PR 123 B 125
0099187	PR 124 B 40
0099188	PR 124 B 50
0099189	PR 124 B 63
0099190	PR 124 B 80
0099191	PR 124 B 100
0099192	PR 124 B 125

Characteristic C

Ord. Nr.	Type
0099257	PR 121 C 40
0099258	PR 121 C 50
0099259	PR 121 C 63
0099260	PR 121 C 80
0099261	PR 121 C 100
0099262	PR 121 C 125
0099269	PR 122 C 40
0099270	PR 122 C 50
0099271	PR 122 C 63
0099272	PR 122 C 80
0099273	PR 122 C 100
0099274	PR 122 C 125
0099275	PR 123 C 40
0099276	PR 123 C 50
0099277	PR 123 C 63
0099278	PR 123 C 80
0099279	PR 123 C 100
0099280	PR 123 C 125
0099287	PR 124 C 40
0099288	PR 124 C 50
0099289	PR 124 C 63
0099290	PR 124 C 80
0099291	PR 124 C 100
0099292	PR 124 C 125

Characteristic D

Ord. Nr.	Type
0099357	PR 121 D 40
0099358	PR 121 D 50
0099359	PR 121 D 63
0099360	PR 121 D 80
0099361	PR 121 D 100
0099362	PR 121 D 125
0099369	PR 122 D 40
0099370	PR 122 D 50
0099371	PR 122 D 63
0099372	PR 122 D 80
0099373	PR 122 D 100
0099374	PR 122 D 125
0099375	PR 123 D 40
0099376	PR 123 D 50
0099377	PR 123 D 63
0099378	PR 123 D 80
0099379	PR 123 D 100
0099380	PR 123 D 125
0099387	PR 124 D 40
0099388	PR 124 D 50
0099389	PR 124 D 63
0099390	PR 124 D 80
0099391	PR 124 D 100
0099392	PR 124 D 125

3 pole circuit breakers characteristic B with shunt trip

Ord. Nr.	Type
0098920	PR 123 B 40 + VC 400V AC
0098921	PR 123 B 40 + VC 230V AC
0098922	PR 123 B 40 + VC 110V AC
0098923	PR 123 B 40 + VC 110V DC
0098924	PR 123 B 40 + VC 60V AC
0098925	PR 123 B 40 + VC 48V AC
0098926	PR 123 B 40 + VC 48V DC
0098927	PR 123 B 40 + VC 24V AC
0098928	PR 123 B 40 + VC 24V DC
0098929	PR 123 B 40 + VC 12V AC
0098930	PR 123 B 40 + VC 12V DC
0098931	PR 123 B 50 + VC 400V AC
0098932	PR 123 B 50 + VC 230V AC
0098933	PR 123 B 50 + VC 110V AC
0098934	PR 123 B 50 + VC 110V DC
0098935	PR 123 B 50 + VC 60V AC
0098936	PR 123 B 50 + VC 48V AC
0098937	PR 123 B 50 + VC 48V DC
0098938	PR 123 B 50 + VC 24V AC
0098939	PR 123 B 50 + VC 24V DC
0098940	PR 123 B 50 + VC 12V AC
0098941	PR 123 B 50 + VC 12V DC

Ord. Nr.	Type
0098942	PR 123 B 63 + VC 400V AC
0098943	PR 123 B 63 + VC 230V AC
0098944	PR 123 B 63 + VC 110V AC
0098945	PR 123 B 63 + VC 110V DC
0098946	PR 123 B 63 + VC 60V AC
0098947	PR 123 B 63 + VC 48V AC
0098948	PR 123 B 63 + VC 48V DC
0098949	PR 123 B 63 + VC 24V AC
0098950	PR 123 B 63 + VC 24V DC
0098951	PR 123 B 63 + VC 12V AC
0098952	PR 123 B 63 + VC 12V DC
0098953	PR 123 B 80 + VC 400V AC
0098954	PR 123 B 80 + VC 230V AC
0098955	PR 123 B 80 + VC 110V AC
0098956	PR 123 B 80 + VC 110V DC
0098957	PR 123 B 80 + VC 60V AC
0098958	PR 123 B 80 + VC 48V AC
0098959	PR 123 B 80 + VC 48V DC
0098960	PR 123 B 80 + VC 24V AC
0098961	PR 123 B 80 + VC 24V DC
0098962	PR 123 B 80 + VC 12V AC
0098963	PR 123 B 80 + VC 12V DC

Ord. Nr.	Type
0098964	PR 123 B 100 + VC 400V AC
0098965	PR 123 B 100 + VC 230V AC
0098966	PR 123 B 100 + VC 110V AC
0098967	PR 123 B 100 + VC 110V DC
0098968	PR 123 B 100 + VC 60V AC
0098969	PR 123 B 100 + VC 48V AC
0098970	PR 123 B 100 + VC 48V DC
0098971	PR 123 B 100 + VC 24V AC
0098972	PR 123 B 100 + VC 24V DC
0098973	PR 123 B 100 + VC 12V AC
0098974	PR 123 B 100 + VC 12V DC
0098975	PR 123 B 125 + VC 400V AC
0098976	PR 123 B 125 + VC 230V AC
0098977	PR 123 B 125 + VC 110V AC
0098978	PR 123 B 125 + VC 110V DC
0098979	PR 123 B 125 + VC 60V AC
0098980	PR 123 B 125 + VC 48V AC
0098981	PR 123 B 125 + VC 48V DC
0098982	PR 123 B 125 + VC 24V AC
0098983	PR 123 B 125 + VC 24V DC
0098984	PR 123 B 125 + VC 12V AC
0098985	PR 123 B 125 + VC 12V DC

Correction of rated currents of miniature circuit breakers PR 120

Correction of rated currents of miniature circuit breakers installed side by side (A)
Valid for reference temperature 30°C.

