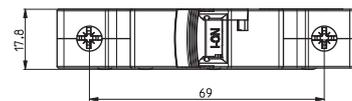
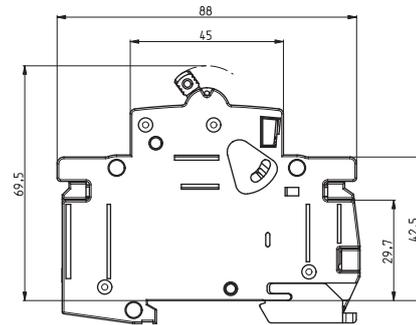


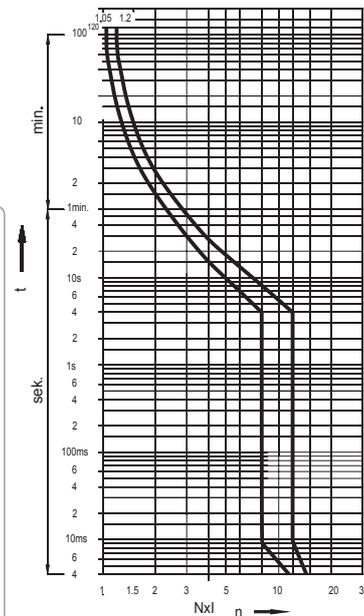
Technical data

Current overload limiter OSP-P10

Technical data	
Rated voltage U_n	230/400 V
Rated current I_n	6, 10, 16, 20, 25, 32, 40, 50, 63 A
Rated short-circuit capacity	10.000 A
Back-up fuse	100 A gG
Rated frequency f_n	50Hz
Terminal	1 - 25mm ²
Mounting position	any
Standards	IEC 60898, EN 60898



Tripping characteristics		
Test current	Tripping time	Result
$1,05 \times I_n$	$t > 3600$ s	No tripping
$1,2 \times I_n$	$2 < t < 900$ s	Tripping
$2,5 \times I_n$	$0,5 < t < 60$ s	Tripping
$8 \times I_n$	$t \leq 0,1$ s	No tripping
$12 \times I_n$	$t < 0,1$ s	Tripping



Application

- Limiting the consumption of electric power based on current overload
- Protection against short circuit.

Dimensions

- A single pole device (width 1 module) – dimensions fit circuit breaker ETIMAT P10
- Three-pole device: width of 3 modules

Built-in

- Domestic distribution boards (built-in and surface-mounted), it is possible to seal the connecting terminals with special sealing peace.
- Surface-mounted distribution board NE 2 (distribution board width: 2 modules) for a single pole device
- Surface-mounted distribution board NE 4 (distribution board width: 4 modules) for three pole device
- Sealing available for both NE 2 and NE 4.

Conductor cross-section [mm ²]	Number of single conductors, rigid, single-wire CU conductor				
	1	2	3	4	5
1,5	✓	✓	✓	✓	✗
2,5	✓	✓	✓	✗	✗
4	✓	✓	✓	✗	✗
6	✓	✓	✗	✗	✗
10	✓	✓	✗	✗	✗
16	✓	✗	✗	✗	✗
25	✓	✗	✗	✗	✗

Remark: When you use more than 2 cables you have to be careful how those cables are inserted, due to insure proper pressure on each cable

Conductor cross-section [mm ²]	Number of single conductors, flexible Cu conductors without cable ferrule					
	1	2	3	4	5	6
1,5	✓	✓	✓	✓	✓	✓
2,5	✓	✓	✓	✓	✓	✓
4	✓	✓	✓	✓	✓	✓
6	✓	✓	✓	✗	✗	✗
10	✓	✓	✗	✗	✗	✗
16	✓	✗	✗	✗	✗	✗
25	✓	✗	✗	✗	✗	✗

Combination of rigid single-wire and flexible multi-wire Cu conductors is not allowed