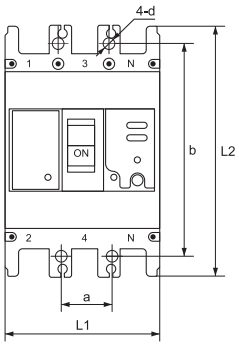
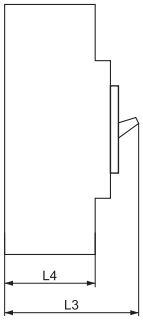
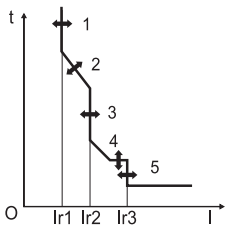
Documents corresponding to the product:
Standard EN 60947-1
EN 60947-2







High breaking capacity level moulded case circuit breakers (MCCB) DS1 MAX to 800A-electronic type

7 YEAR WARRANTY *for industrial usage, 3 years warranty

Functions:
- high breaking capacity level
- switching on/off heavy loaded electrical circuits
- breaking of electrical circuits and control of powerful consumers
- can be used as a main breaker in housing or industrial distributing installations
- endures high currents of short circuit in the protected circuit
- remarkable with high reliability of current characteristics
- control: manual
- possibilities for electrical module parameters adjustment through direct modules (combination of keys) thus providing accurate protection from overload and short circuit
- simultaneous protection of the three phases
- possibility for auxiliary devices mounting for automation
- contactor for TT test 15V DC

Technical data:
- Rated operating voltage: 415/690V; 50/60Hz
- Isolating voltage: 2000V
- Surge voltage wear resistance: ≥8000V
- Joining terminal: flat (tunnel) screw terminal
- Connecting:
  - rigid or flexible conductors
  - front conductors joining
  - possibility for mounting to lengthening terminal
- Electrical wear resistance (number of cycles):≥ 10000
- Mechanical wear resistance (number of cycles):≥ 20000
- IP code: IP>20
- Abnormal heating wear resistance and fire of the outer parts: 960°C
- Mounting:
  - joining with bolts
  - mounting position: vertical
- Plastic material of UV rays and non-flammable
- Test button
- Ambient temperature: -20°÷65°C

Type	Rated current In (A)	Operating breaking capacity (kA) Ics	Maximum breaking capacity (kA) Icu 415V	690V	Thermal current adjusment (A)	Packing/ box	Catalogue number three-poles	Catalogue number four-poles
DS1 MAX - 400E	400	50	85	30	200-400	1/3	**44940MH**	**444940MH**
DS1 MAX - 630E	630	50	85	30	400-630	1/2	**44963MH**	**444963MH**
DS1 MAX - 800E	800	65	100	50	630-800	1/2	**44980MH**	**444980MH**

Tripping characteristic:

Ir1(A) Over-load long time delay tripping current

Ir1 adjustment, according to the different rated current of MCCB.

t1(s) Long time delay tripping time t1 adjustment.

Ir2(XIr1) Short circuit short time delay tripping time Ir2 adjustment.

t2(s) Short time delay tripping time t2 adjustment.

Ir3(XIr1) Short circuit instantaneous tripping current Ir3 adjustment.

Ir0(XIr1) Pre-alarm tripping current Ir0 adjustment.