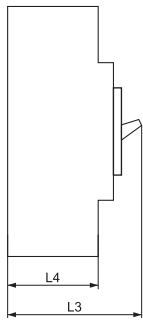
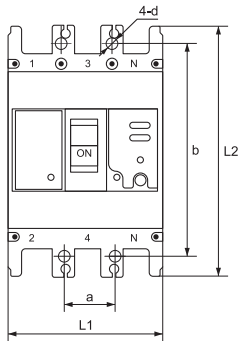


Documents corresponding to the product:

Standard EN 60947-1
EN 60947-2



High breaking capacity level moulded case circuit breakers (MCCB) DS1 MAX with ELCB

7 YEAR WARRANTY *for industrial usage, 3 years warranty

Earth Leakage Circuit Breaker (ELCB). Combine all functions of a standard circuit breaker, and prevent the consequences caused by short circuit, overload and shock. Widely used product for protection of low voltage circuits from fire.

Technical data:

- Rated operating voltage: 415/690V; 50/60Hz
- Rated residual operating current $I_{\Delta n}$ (mA) - 100mA; 300mA 500mA- adjustable
- Tripping time $I_{\Delta n}$ - instantaneous; 0.4s; 1s -adjustable
- Max delayed 2 In limit non-actuating time 1s 0.2/0.5
- Isolating voltage: 2000V.
- Surge voltage wear resistance: $\geq 8000V$
- 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.
- Residual indicating push button
- Test button.
- Ambient temperature: $-20^{\circ}\pm 65^{\circ}C$

Type	Overall dimensions (mm)						
	L1	L2	L3	L4	a	b	d
DS1 MAX 225/125 3P M	92	150	110	92	30	129	4.5
DS1 MAX 400/250 3P H	150	257	146	106	44	194	7
DS1 MAX 400/400 3P H	150	257	146	106	44	194	7
DS1 MAX 225/125 4P M	122	150	110	92	60	129	4.5
DS1 MAX 400/250 4P H	198	257	146	106	44	194	7
DS1 MAX 400/400 4P H	198	257	146	106	44	194	7

Type	Rated current I_n (A)	Operating breaking capacity (kA) I_{cs}	Maximum breaking capacity (kA) I_{cu}		Rated residual operating current $I_{\Delta n}$ (mA)	Packing /box	Catalogue number three-poles	Catalogue number four-poles
			415V	690V				
DS1 MAX - 225	125	36	50	20	100/300/500	1/16	44163MMEL	444163MMEL
DS1 MAX - 400	250	42	65	25	100/300/500	1/6	44250MHLE	444250MHLE
DS1 MAX - 400	400	50	85	30	100/300/500	1/3	44401MHLE	444401MHLE