

ELMARK[®]

The Brand of Electricity

MOULDED CASE CIRCUIT BREAKER (MCCB) DS2 SERIES



TECHNICAL SPECIFICATION

MINIATURE CIRCUIT BREAKERS (MCB)

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Functions:

- No auxiliaries available for this type of MCCB
- 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

Technical data:

- Rated operating voltage: 400V; 50/60Hz
- Isolating voltage: 690V
- Surge voltage wear resistance: $\geq 6000V$
- 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): ≥ 6000
- Mechanical wear resistance (number of cycles): ≥ 10000
- IP code: IP>20
- Mounting:
 - joining with bolts
 - mounting position: vertical
- Plastic material of UV rays and non-flammable
- Test button
- Ambient temperature: $-20^{\circ} \div 55^{\circ}C$

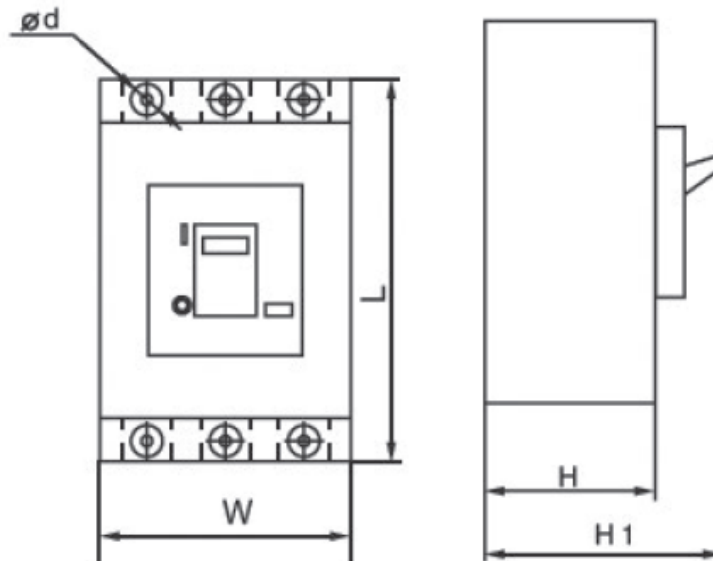
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Dimensions:



Type	Overall dimensions (mm)			
	W	L	H	H1
DS2-63	76	135	73.5	90.5
DS2-500	180	270	111.5	160
DS2-630	180	270	111.5	160
DS2-800	210	274.3	109	145.8

Variants:

Type	Rated current In (A)	Max. breaking capacity (kA) Icu	Operating breaking capacity (kA) Ics	Section of the power supply conductor (mm ²)	Protection from overload	Packing/Box (pcs)	Catalogue number tree-poles
DS2-63	63	18	12	16	fixed	1/12	44006
DS2-630	630	50	42	240	fixed	1/2	44036
DS2-800	800	65	48	240	fixed	1/1	44008

Standards:

- EN 60947-1
- EN 60947-2

