

Via Giovanni Keplero, 22 20019 Settimo Milanese (MI), Italia
P.IVA 07212330968

Tel: +39 0289550782

Whatsapp: +39 3343516911

E-mail: info@a2zworld.com

Website: www.meanwell.it

Interruttore Magnetotermico Automatico (MCB)

Interruttore Magnetotermico Automatico secondo IEC/EN 60898-1

Potere di interruzione nominale 6000A

Versioni da 1 a 4 poli

Tipologia Curva B, Curva C e Curva D

Corrente Nominale fino a 63A

Voltaggio Nominale 230/400V AC



Interruttore Magnetotermico Automatico è un interruttore elettrico azionato automaticamente progettato per proteggere un circuito elettrico da danni causati da correnti in eccesso dovute a sovraccarico o cortocircuito. La sua funzione principale è interrompere il flusso di corrente dopo che è stato rilevato un guasto. Sono comuni in applicazioni domestiche, commerciali e industriali.

Può anche essere utilizzato per operazioni di accensione e spegnimento non frequenti in condizioni normali.

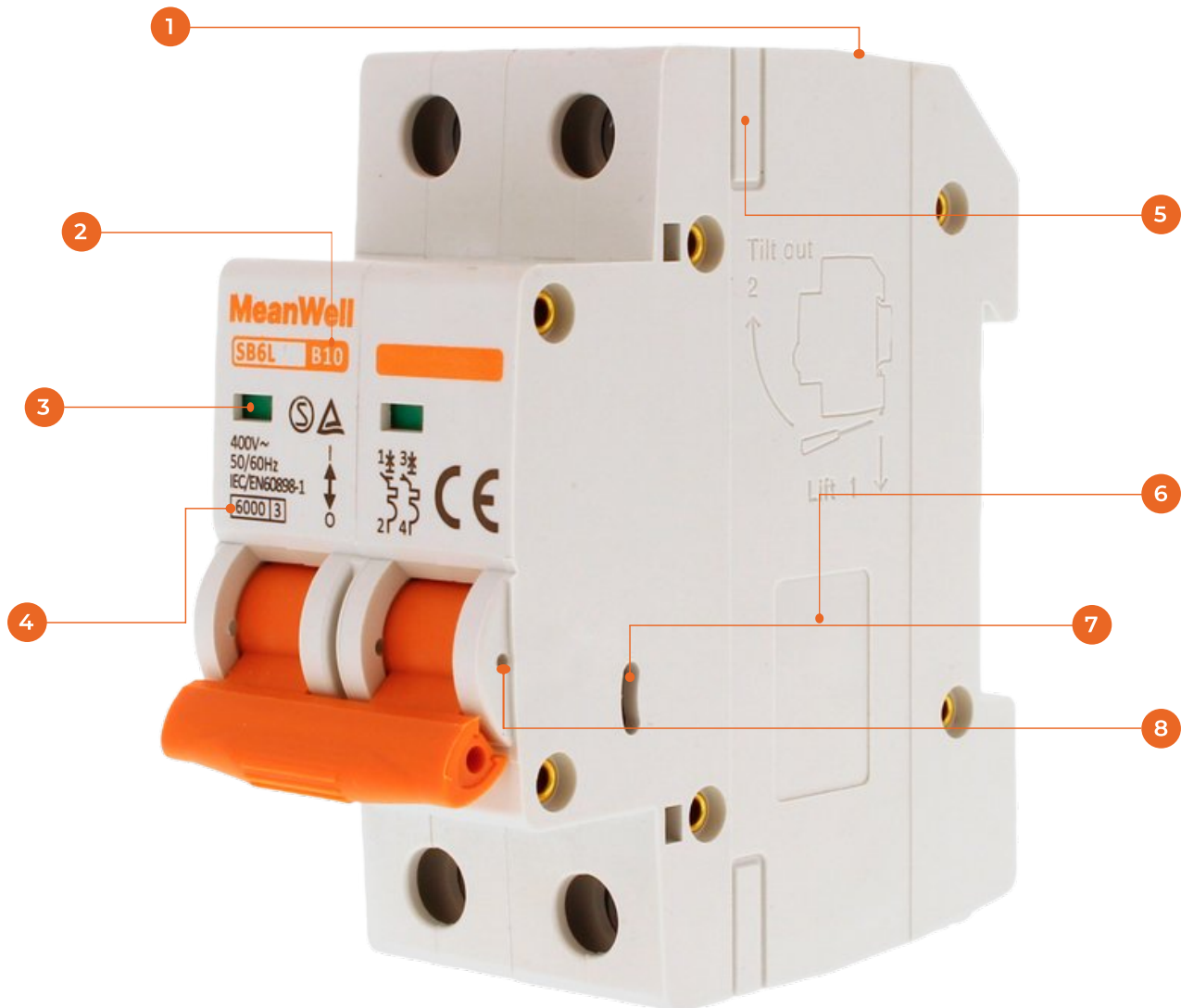
Struttura dello SKU



SKU	Categoria	Tipologia	Poli/Moduli	Interruzione	Corrente Nominale
GA22410	MCB	Curva B	2P 2M	6000A	10A
GA22416	MCB	Curva B	2P 2M	6000A	16A
GA22420	MCB	Curva B	2P 2M	6000A	20A
GA22425	MCB	Curva B	2P 2M	6000A	25A
GA22432	MCB	Curva B	2P 2M	6000A	32A
GA22440	MCB	Curva B	2P 2M	6000A	40A
GA22450	MCB	Curva B	2P 2M	6000A	50A
GA22463	MCB	Curva B	2P 2M	6000A	63A
GA32410	MCB	Curva C	2P 2M	6000A	10A
GA32416	MCB	Curva C	2P 2M	6000A	16A
GA32420	MCB	Curva C	2P 2M	6000A	20A
GA32425	MCB	Curva C	2P 2M	6000A	25A
GA32432	MCB	Curva C	2P 2M	6000A	32A
GA32440	MCB	Curva C	2P 2M	6000A	40A
GA32450	MCB	Curva C	2P 2M	6000A	50A
GA32463	MCB	Curva C	2P 2M	6000A	63A
GA34410	MCB	Curva C	4P 4M	6000A	10A
GA34416	MCB	Curva C	4P 4M	6000A	16A
GA34420	MCB	Curva C	4P 4M	6000A	20A
GA34425	MCB	Curva C	4P 4M	6000A	25A
GA34432	MCB	Curva C	4P 4M	6000A	32A
GA34440	MCB	Curva C	4P 4M	6000A	40A
GA34450	MCB	Curva C	4P 4M	6000A	50A
GA34463	MCB	Curva C	4P 4M	6000A	63A

** Si informa che tutti gli articoli sopra indicati ** sono disponibili. Su richiesta, è possibile fornire ulteriori varianti o soluzioni personalizzate per soddisfare esigenze specifiche.

Product Tips



- | | |
|---|--------------------------------------|
| 1 Reversible line and load connection | 5 Busbar interface |
| 2 Tripping characteristics B, C, D | 6 Modifiable modules for ODM clients |
| 3 Contacts position indication window | 7 Wide range of accessories |
| 4 Rated short circuit breaking capacity 6000A | 8 The position of handle lock |

Technical Data

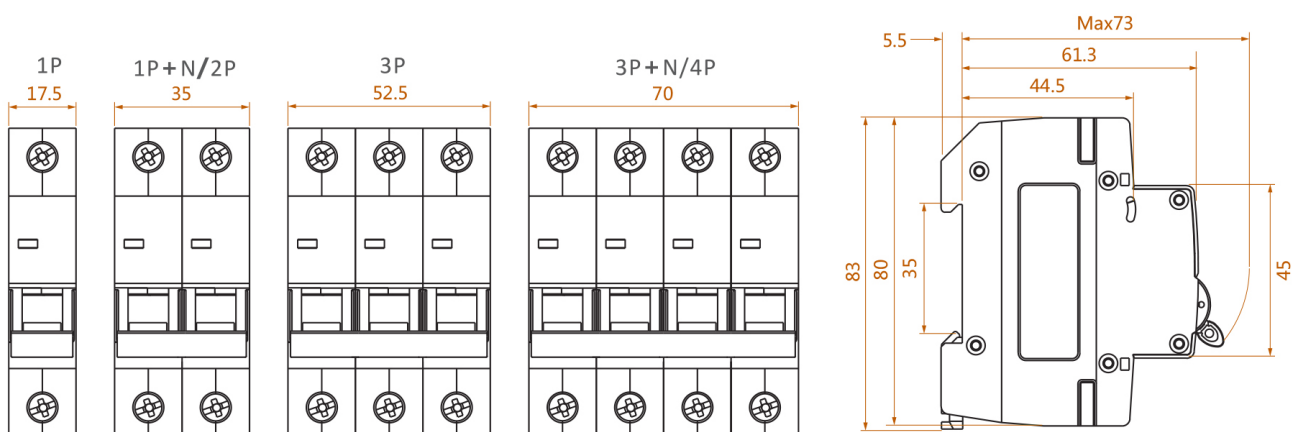
Electrical Features		
International standard		IEC/EN 60898-1
Poles		1P, 1P+N, 2P, 3P, 3P+N, 4P
Rated current		1-63A
Tripping characteristics		B, C, D
Rated breaking capacity	I_{cn}	6kA
Rated operational voltage	U_e	230/400V AC
Minimum operational voltage	U_{min}	12V AC
Maximum operational voltage	U_{max}	440V AC
Rated frequency		50/60Hz
Rated insulated voltage	U_i	500V AC
Rated impulse withstand voltage	U_{imp}	6kV
Dielectric test voltage		2kV
Mechanical service life		10000 operation cycles
Electrical service life		4000 operation cycles
Line voltage connection		Arbitrary above or below

Combination with Accessories	
Auxiliary contact	Yes
Alarm contact	Yes
Shunt release	Yes
Shunt release + Aux	Yes
Undervoltage release	Yes
Overvoltage release	Yes
Over & under voltage release	Yes

Technical Data

Installation Parameters	
Degree of protection (IP)	IP20, IP40 (when fitted)
Operating ambient temperature	-25°C ~+70°C
Terminal connection type	Cable/Busbar
Connectable conductor cross section	1-25mm ²
Mounting	IEC/EN 60715 top-hat rail 35mm
Fastening torque of terminals	2-3.0N.m
Pollution degree	2
Reference temperature for setting of thermal element	30°C
Altitude	≤ 2000m
Relative humidity	≤ 95%
Resistance to humidity and heat	Class 2
Installation class	III

Dimensions



Technical Data

Wiring Diagrams

1*



1P

1* N |



1P+N

1* 3*



2P

1* 3* 5*



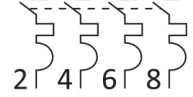
3P

1* 3* 5* N |



3P+N

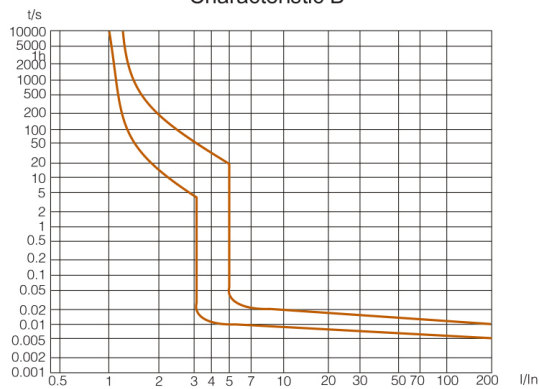
1* 3* 5* 7*



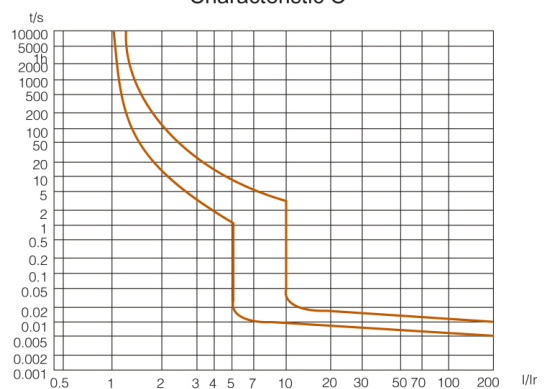
4P

Tripping Characteristics

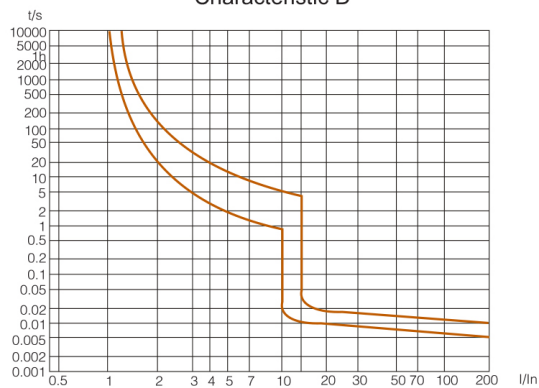
Characteristic B



Characteristic C



Characteristic D



Technical Data

Dependence of Tripping Characteristics on Ambient Temperature

T [°C]	In (T) [A]														
	1 A	2 A	3 A	4 A	6 A	8 A	10 A	13 A	16 A	20 A	25 A	32 A	40 A	50 A	63 A
-30	1.3	2.5	3.8	5.1	7.6	10.2	13.6	16.8	20.5	25.3	31.1	40.5	51.0	64.0	82.0
-25	1.2	2.4	3.7	4.9	7.4	9.9	13.4	16.5	20.0	25.0	30.5	39.8	50.0	63.0	80.7
-20	1.2	2.4	3.6	4.8	7.3	9.7	13.1	16.3	19.8	24.5	30.0	39.2	49.2	62.0	79.2
-15	1.2	2.4	3.5	4.8	7.2	9.5	12.8	15.9	19.4	24.0	29.5	38.5	48.4	60.8	77.8
-10	1.2	2.3	3.5	4.7	7.1	9.3	12.5	15.7	19.0	23.7	29.0	37.9	47.5	59.8	76.3
-5	1.2	2.3	3.4	4.7	7.0	9.2	12.3	15.4	18.7	23.2	28.5	37.2	46.7	58.6	74.7
0	1.1	2.2	3.4	4.5	6.8	9.0	12.0	15.0	18.4	22.8	28.0	36.5	45.8	57.4	73.2
5	1.1	2.2	3.3	4.4	6.6	8.9	11.7	14.7	18.0	22.4	27.5	35.8	45.0	56.3	71.6
10	1.1	2.1	3.3	4.3	6.5	8.7	11.4	14.3	17.6	21.9	27.0	35.0	44.0	55.0	70.0
15	1.1	2.1	3.2	4.3	6.4	8.5	11.0	14.0	17.2	21.5	26.5	34.3	43.0	53.8	68.3
20	1.0	2.1	3.2	4.2	6.3	8.3	10.7	13.7	16.8	21.0	26.0	33.6	42.0	52.6	66.6
25	1.0	2.0	3.0	4.1	6.2	8.2	10.4	13.4	16.4	20.5	25.5	32.8	41.0	51.3	64.8
30	1	2	3	4	6	8	10	13	16	20	25	32	40	50	63
35	0.99	2.00	3.00	3.9	5.9	7.9	9.9	12.8	16.0	20.0	25.0	32.0	39.0	49.0	62.0
40	0.97	1.90	2.90	3.9	5.8	7.8	9.7	12.5	15.0	19.0	24.0	31.0	39.0	48.0	61.0
45	0.95	1.90	2.80	3.8	5.7	7.7	9.5	12.2	15.0	19.0	24.0	30.0	38.0	47.0	60.0
50	0.93	1.90	2.80	3.7	5.6	7.6	9.3	12.0	15.0	19.0	23.0	30.0	37.0	46.0	58.0
55	0.91	1.80	2.80	3.6	5.5	7.5	9.0	11.7	14.0	18.0	23.0	29.0	36.0	44.0	57.0
60	0.91	1.80	2.70	3.5	5.4	7.2	8.8	11.5	14.0	18.0	22.0	28.0	35.0	42.0	55.0
65	0.91	1.80	2.70	3.5	5.3	7.1	8.6	11.2	13.0	17.0	21.0	28.0	34.0	40.0	52.0
70	0.91	1.80	2.70	3.5	5.3	6.9	8.6	11.0	13.0	17.0	21.0	27.0	33.0	38.0	50.0

Power Loss per Pole

In [A]	1 A	2 A	3 A	4 A	6 A	8 A	10 A	13 A	16 A	20 A	25 A	32 A	40 A	50 A	63 A
P[W]	1.5	2.0	1.8	2.0	2.2	2.6	1.5	1.7	1.7	2.0	2.2	2.6	2.9	3.8	4.4