

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

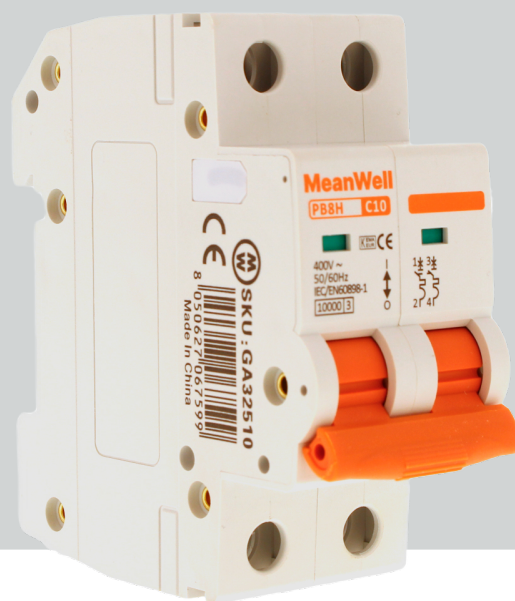
Potere di interruzione nominale 10000A

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 (MCB) è un interruttore elettrico azionato automaticamente progettato per proteggere un circuito elettrico dai danni causati da un eccesso di corrente dovuto a sovraccarico o cortocircuito. La sua funzione principale è interrompere il flusso di corrente dopo che è stato rilevato un guasto. È comunemente utilizzato in applicazioni domestiche, commerciali e industriali.

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

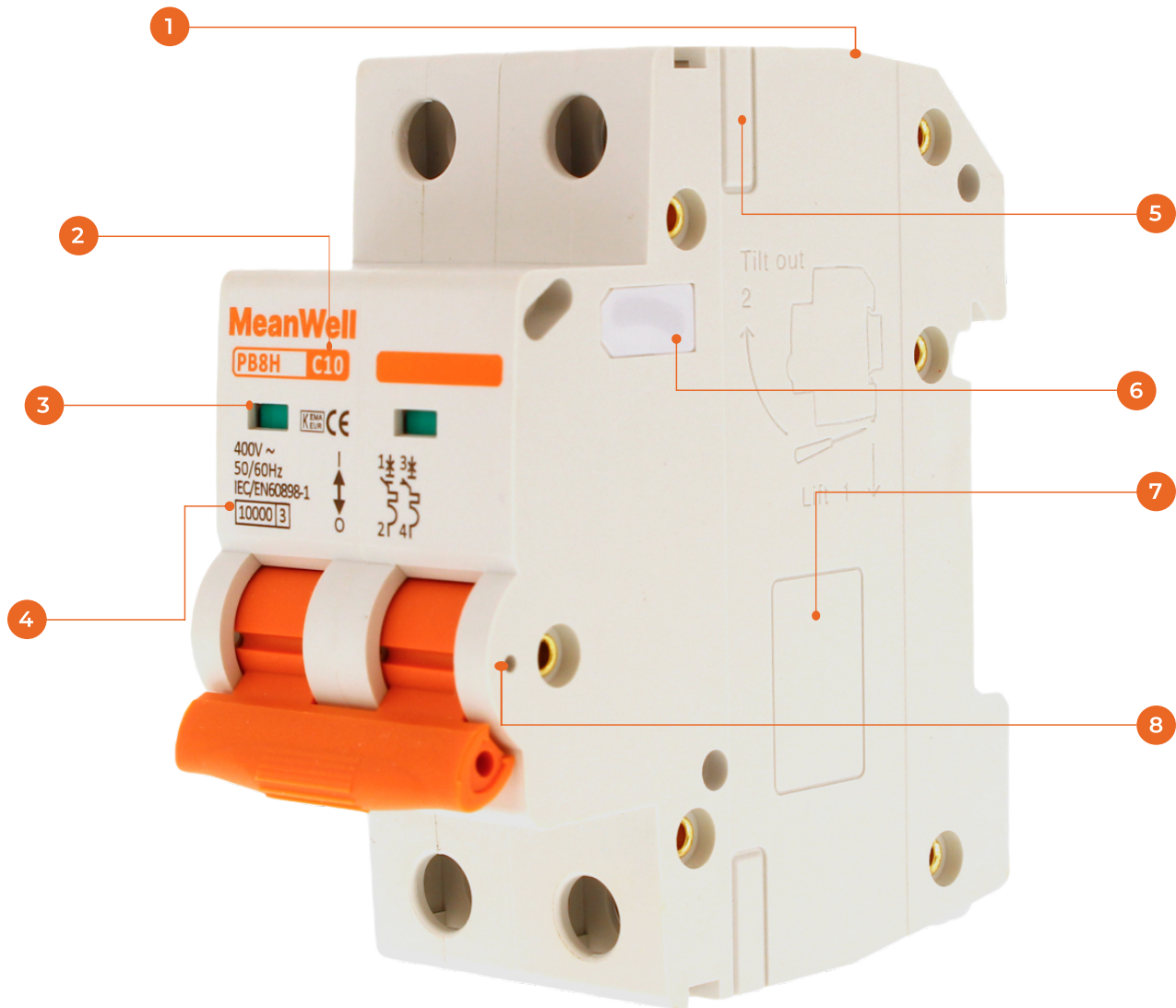
Struttura dello SKU



SKU	Categoria	Tipologia	Poli/Moduli	Interruzione	Corrente Nominale
GA32510	MCB	Curva C	2P 2M	10000A	10A
GA32516	MCB	Curva C	2P 2M	10000A	16A
GA32520	MCB	Curva C	2P 2M	10000A	20A
GA32525	MCB	Curva C	2P 2M	10000A	25A
GA32532	MCB	Curva C	2P 2M	10000A	32A
GA32540	MCB	Curva C	2P 2M	10000A	40A
GA32550	MCB	Curva C	2P 2M	10000A	50A
GA32563	MCB	Curva C	2P 2M	10000A	63A
GA34510	MCB	Curva C	4P 4M	10000A	10A
GA34516	MCB	Curva C	4P 4M	10000A	16A
GA34520	MCB	Curva C	4P 4M	10000A	20A
GA34525	MCB	Curva C	4P 4M	10000A	25A
GA34532	MCB	Curva C	4P 4M	10000A	32A
GA34540	MCB	Curva C	4P 4M	10000A	40A
GA34550	MCB	Curva C	4P 4M	10000A	50A
GA34563	MCB	Curva C	4P 4M	10000A	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 Wide range of accessories |
| 3 Contacts position indication window | 7 Modifiable modules for ODM clients |
| 4 Rated short circuit breaking capacity 10000A | 8 The position of handle lock |

Technical Data

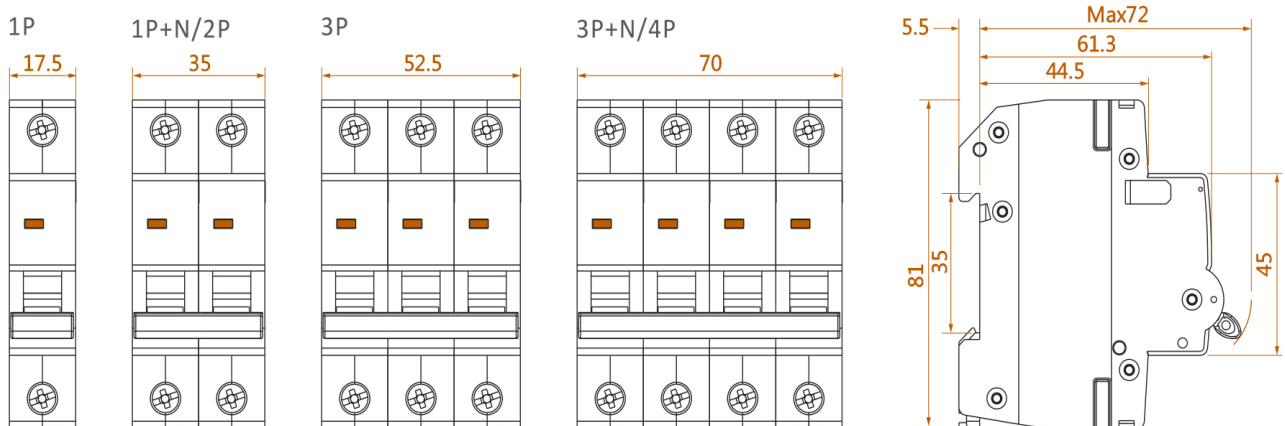
Electrical Features		
International standard		IEC/EN 60898-1
Poles		1P, 1P+N, 2P, 3P, 3P+N, 4P
Rated current		1-63A
Tripping characteristics		B, C, D
Rated breaking capacity	I_{cn}	10kA
Rated operational voltage	U_e	230/400V AC
Minimum operational voltage	U_{min}	12V AC
Maximum operational voltage	U_{max}	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



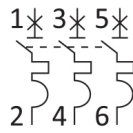
1P



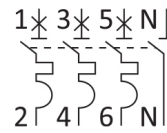
1P+N



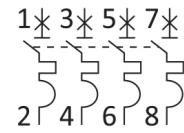
2P



3P



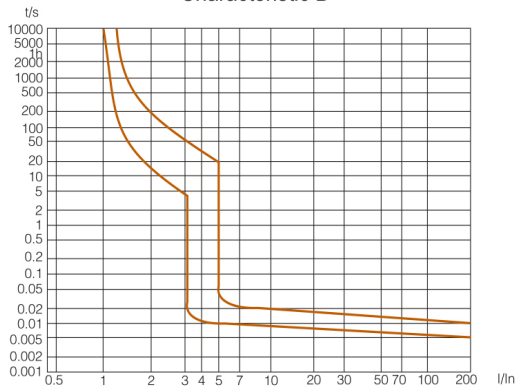
3P+N



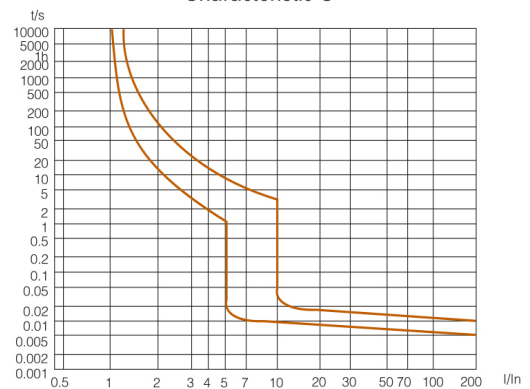
4P

Tripping Characteristics

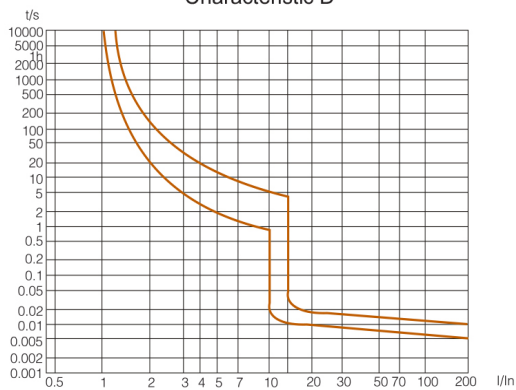
Characteristic B



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