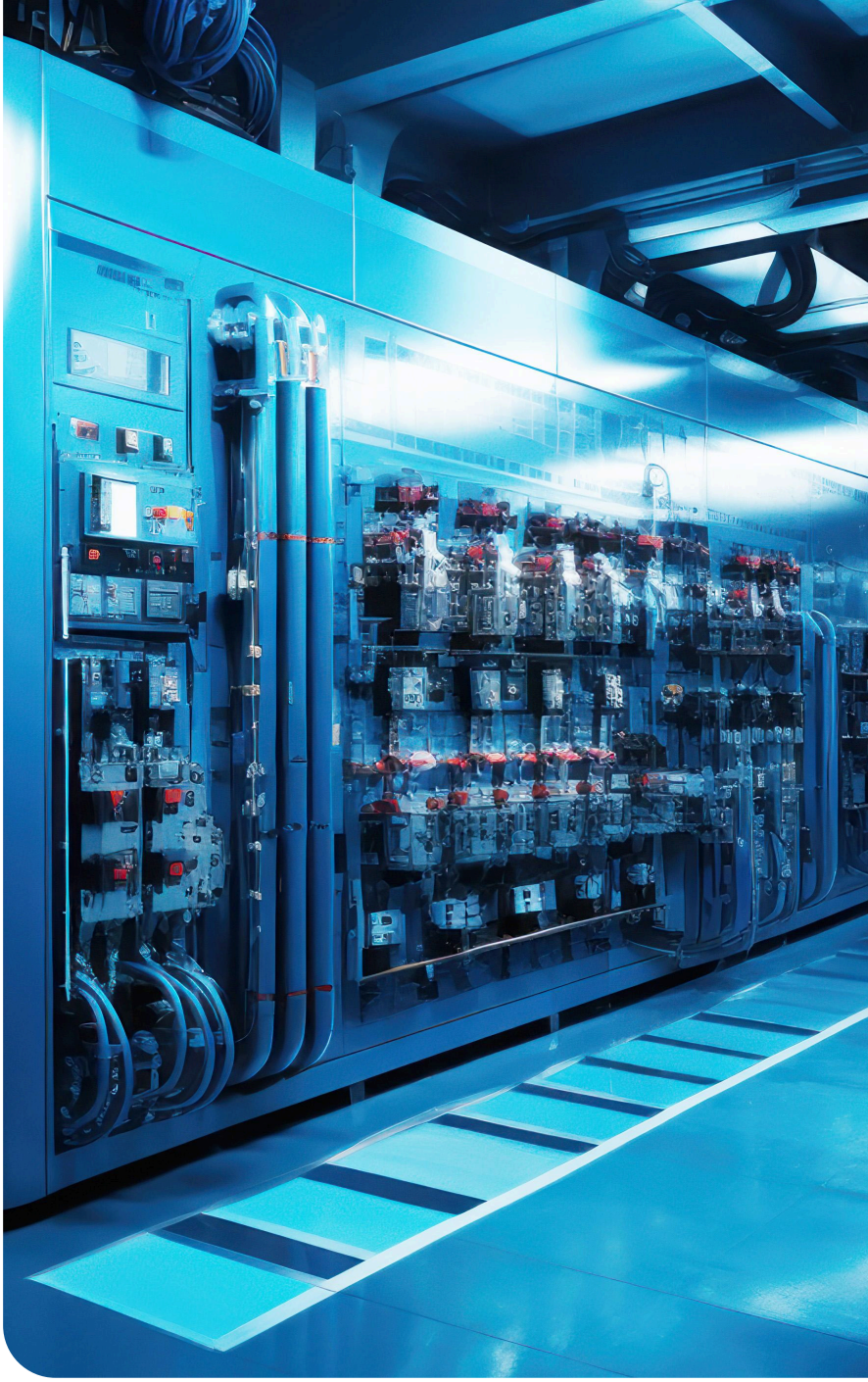


MeanWell®
Powering Smart Choices

MeanWell SRL, Piazza IV Novembre, 4 Milano (MI), 20124, Italia

Tel: +39 02.5656.8877

Whatsapp: +39 3343516911

E-mail: info@meanwell.it

Website: www.meanwell.it

CE KEMA RoHS

Interruttore Magnetotermico Automatico (MCB)

MeanWell®
Powering Smart Choices

- Interruttore Magnetotermico Automatico secondo IEC/EN 60898-1
- Potere di interruzione nominale 6000A
- 1+N poli in un modulo.
- Tipologia Curva B e Curva C
- Corrente Nominale fino a 32A
- Voltaggio Nominale 230/400V AC

Interruttore Magnetotermico Automatico (MCB) è un interruttore elettrico automatico progettato per proteggere un circuito elettrico dai danni causati da correnti eccessive dovute a sovraccarico o cortocircuito. La sua funzione di base è interrompere il flusso di corrente una volta rilevato un guasto. È comunemente utilizzato in applicazioni domestiche, commerciali e industriali.

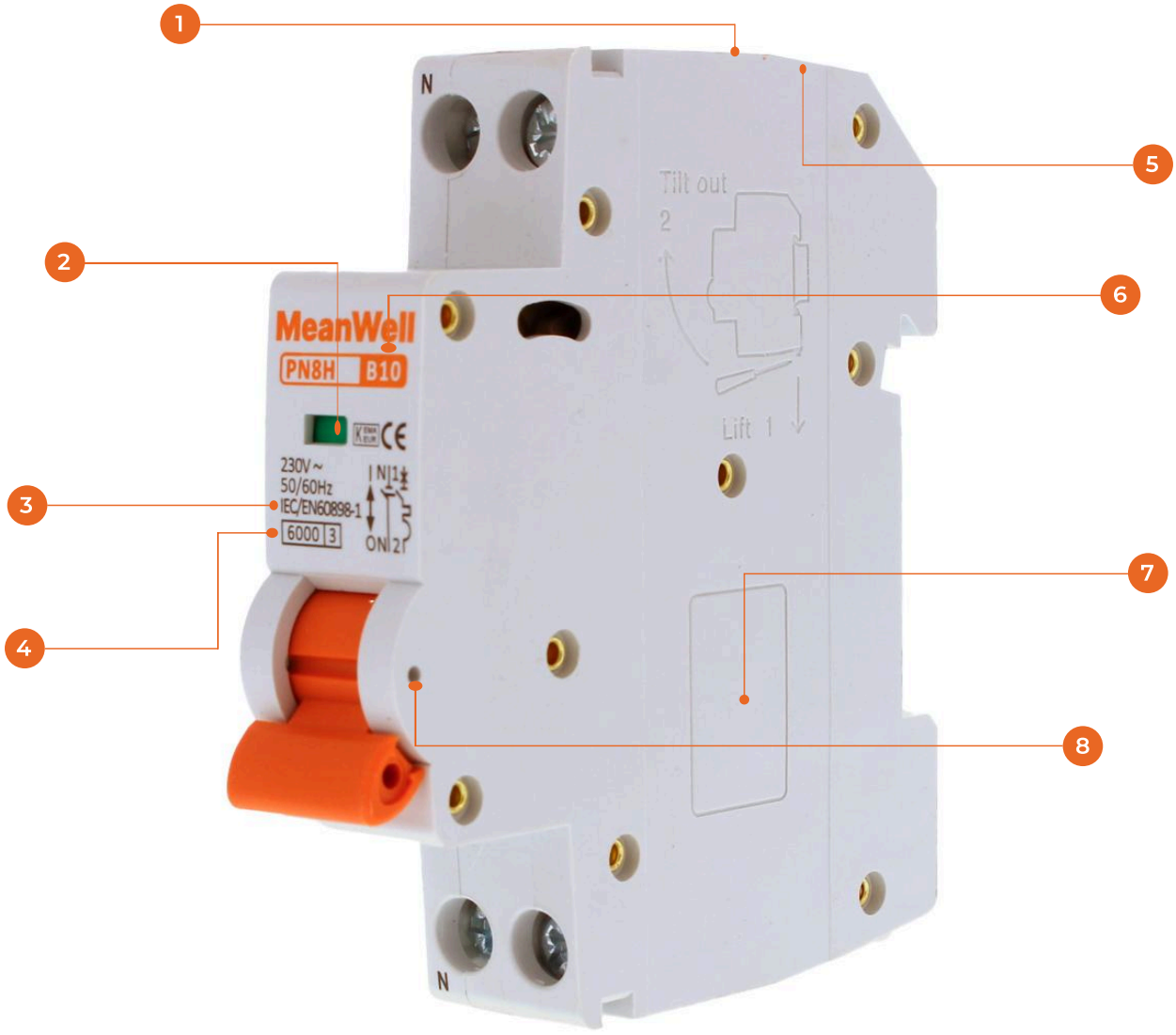
Può essere utilizzato anche per operazioni di accensione e spegnimento non frequenti in condizioni normali.

Struttura dello SKU

SKU	Categoria	Tipologia	Poli/Moduli	Interruzione	Corrente Nominale
GA27406	MCB	Curva B	1P + N, 1M	6000A	6A
GA27410	MCB	Curva B	1P + N, 1M	6000A	10A
GA27416	MCB	Curva B	1P + N, 1M	6000A	16A
GA27420	MCB	Curva B	1P + N, 1M	6000A	20A
GA27425	MCB	Curva B	1P + N, 1M	6000A	25A
GA27432	MCB	Curva B	1P + N, 1M	6000A	32A
GA37406	MCB	Curva C	1P + N, 1M	6000A	6A
GA37410	MCB	Curva C	1P + N, 1M	6000A	10A
GA37416	MCB	Curva C	1P + N, 1M	6000A	16A
GA37420	MCB	Curva C	1P + N, 1M	6000A	20A
GA37425	MCB	Curva C	1P + N, 1M	6000A	25A
GA37432	MCB	Curva C	1P + N, 1M	6000A	32A

** 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. Neutral line interface
2. Contacts position indication window
3. International standards
4. Rated short circuit breaking capacity 6000A
5. Live line interface
6. Tripping characteristics B, C
7. Modifiable modules for ODM clients
8. The position of handle lock

Technical Data

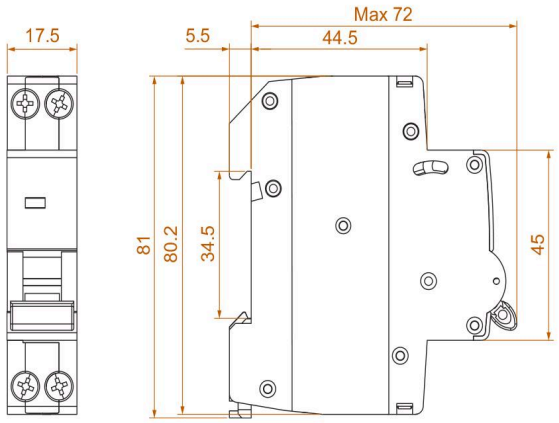
Electrical Features		
Internation standard		IEC/EN 60898-1
Poles		1P+N
Rated current		1-32A
Tripping characteristics		B, C
Rated breaking capacity	I_{cn}	6kA
Rated operational voltage	U_e	230V AC
Minimum operational voltage	U_{min}	12V AC
Maximum operational voltage	U_{max}	240V AC
Rated frequency		50/60Hz
Rated insulated voltage	U_i	400V AC
Rated impulse withstand voltage	U_{imp}	4kV
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
Connectable conductor cross section	1-10mm²
Mounting	IEC/EN 60715 top-hat rail 35mm
Fastening torque of terminals	2.0N.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



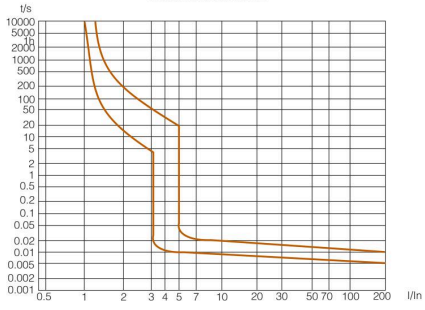
Technical Data

Wiring Diagrams

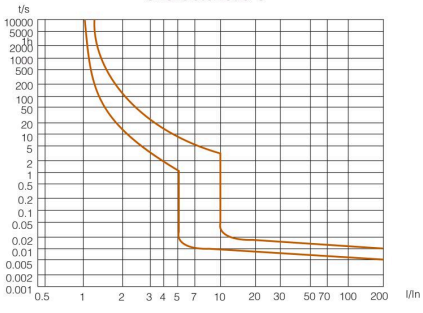
1P+N

Tripping Characteristics

Characteristic B



Characteristic C



Technical Data

Dependence of Tripping Characteristics on Ambient Temperature										
T [°C]	In (T) [A]									
	1 A	2 A	3 A	4 A	6 A	10 A	16 A	20 A	25 A	32 A
-20	1.35	2.6	4.1	5.3	8	13.5	20	24.5	29.8	39.5
-15	1.28	2.53	4.05	5.15	7.8	13.3	19.8	24.3	29.7	39.3
-10	1.25	2.4	3.95	5.08	7.6	13	19.5	24	29.5	39
-5	1.2	2.33	3.9	4.98	7.3	12.7	19.2	23.8	29.3	38.8
0	1.18	2.3	3.8	4.8	7.2	12.5	19.1	23.7	29.2	38.6
5	1.15	2.28	3.6	4.72	7	12.3	18.8	23.5	29	38.4
10	1.1	2.23	3.45	4.65	6.8	12.1	18.6	23.3	28.8	38.2
15	1.08	2.18	3.35	4.52	6.6	12	18.5	23.1	28.6	38
20	1.05	2.09	3.22	4.31	6.4	11.8	18.3	22.8	28.4	37.8
25	1.05	2.03	3.08	4.22	6.2	11.5	18	22.6	28.2	37.5
30	1	2	3	4	6	10	16	20	25	32
35	0.99	1.98	2.98	3.95	6	9.9	15.7	19.7	24.6	31.5
40	0.97	1.95	2.95	3.91	5.9	9.8	15.4	19.3	24.3	31.1
45	0.95	1.91	2.91	3.85	5.83	9.8	15.1	18.8	24	30.8
50	0.91	1.88	2.88	3.8	5.72	9.6	14.9	18.5	23.8	30.1
55	0.89	1.85	2.82	3.74	5.65	9.5	14.7	18.2	23.5	29.5
60	0.86	1.81	2.77	3.71	5.5	9	14.5	17.8	23	28.5
65	0.84	1.77	2.73	3.65	5.4	8.6	14	17.5	22	27.5
70	0.81	1.71	2.65	3.52	5.2	8	13.8	17.3	21.5	27