



Residential Products







Westinghouse

Leading The Future of Electrification

- A Global Heritage Brand with 130 Years of Product Innovation
- Perfect Products, Creative Services, and Competitive Price

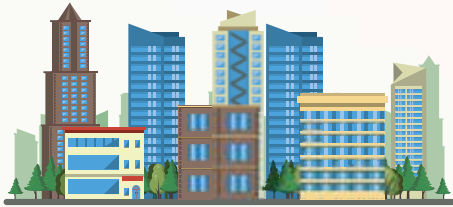
Since 1886, Westinghouse Has Brought The Best To Life.

Westinghouse remains a trusted name globally in consumer and industrial products. Built on a heritage of innovation and entrepreneurial spirit, Westinghouse products were the first to supply the United States with AC electric power, transmit a commercial radio broadcast and capture man's first step on the moon. Today, Westinghouse continues to grow its diverse portfolio with a wide range of product categories that include home appliances, consumer electronics, lighting and power generation.

Marking **CE**

Applicable to Various Location

Building



Easy to remove, Simple to Install and Repair

Marine



Residence



Reliable Short Circuit Capacity offering more stable and better Protection to Household electric application

Industry



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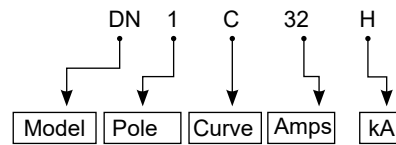
Miniature Circuit Breakers

MCB Type DN



EN/IEC 60898-1

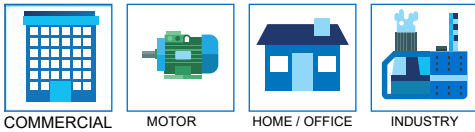
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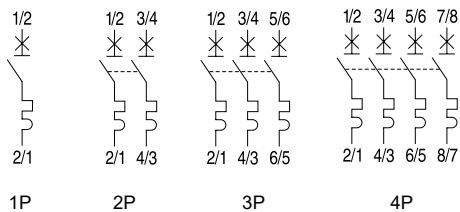
Technical Data

Thermal setting In	(A) 2-63
Rated voltage AC Un	(V) 240/415
Rated Insulation Voltage Ui	(V) 500
Rated impulse withstand voltage Uimp	(kV) 4
Tripping characteristics	B-C-D
Energy limiting class	3
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	95% RH at 50°C
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1, 2, 3, 4
Degree Of Protection	IP20
Weight (g/pole)	120

Application



Marking



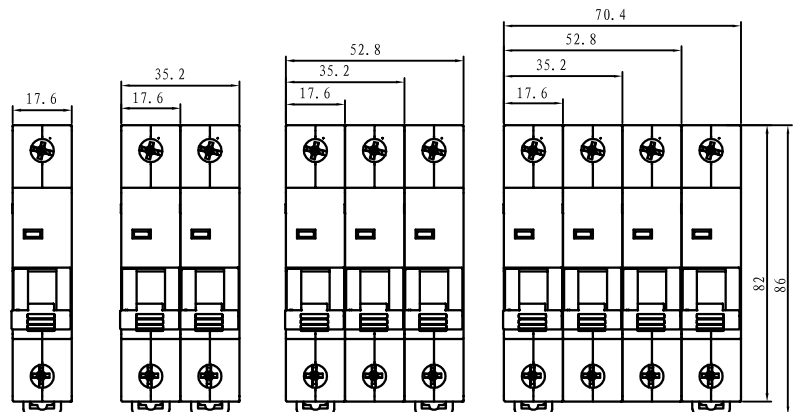
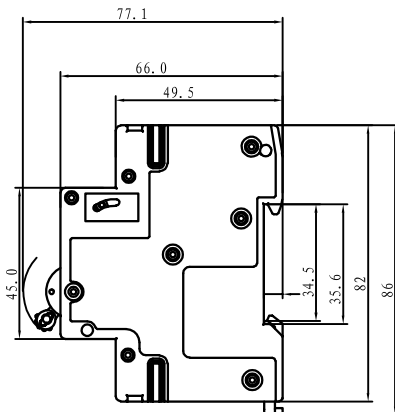
Short-circuit capacity

AC acc. to EN/IEC 60898-1

Type	Poles	Volts	Icn(kA)
DN* *H*	1-4	230/415	10 kA ⁽¹⁾
DN* *S*	1-4	230/415	6 kA
DN* *E*	1-4	230/415	4.5 kA

(1) Ics = 75% Icn

Dimension



1 Pole



MCB DN Type IEC/EN 60898-1 Circuit Breakers. 10kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W608447	DN1B02H	W608345	DN1C02H	W608449	DN1D02H
4	W608448	DN1B04H	W608346	DN1C04H	W608450	DN1D04H
6	W600774	DN1B06H	W600666	DN1C06H	W606437	DN1D06H
10	W600775	DN1B10H	W600667	DN1C10H	W606438	DN1D10H
16	W600776	DN1B16H	W600668	DN1C16H	W606439	DN1D16H
20	W600777	DN1B20H	W600669	DN1C20H	W606440	DN1D20H
25	W600778	DN1B25H	W600670	DN1C25H	W606441	DN1D25H
32	W600779	DN1B32H	W600671	DN1C32H	W606442	DN1D32H
40	W600780	DN1B40H	W600672	DN1C40H	W606443	DN1D40H
50	W600781	DN1B50H	W600673	DN1C50H	W606444	DN1D50H
63	W600782	DN1B63H	W600674	DN1C63H	W606445	DN1D63H

1 Pole



MCB DN Type IEC/EN 60898-1 Circuit Breakers. 6kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W608451	DN1B02S	W607006	DN1C02S	W608453	DN1D02S
4	W608452	DN1B04S	W607007	DN1C04S	W608454	DN1D04S
6	W600810	DN1B06S	W600702	DN1C06S	W606473	DN1D06S
10	W600811	DN1B10S	W600703	DN1C10S	W606474	DN1D10S
16	W600812	DN1B16S	W600704	DN1C16S	W606475	DN1D16S
20	W600813	DN1B20S	W600705	DN1C20S	W606476	DN1D20S
25	W600814	DN1B25S	W600706	DN1C25S	W606477	DN1D25S
32	W600815	DN1B32S	W600707	DN1C32S	W606478	DN1D32S
40	W600816	DN1B40S	W600708	DN1C40S	W606479	DN1D40S
50	W600817	DN1B50S	W600709	DN1C50S	W606480	DN1D50S
63	W600818	DN1B63S	W600710	DN1C63S	W606481	DN1D63S

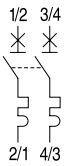
1 Pole



MCB DN Type IEC/EN 60898-1 Circuit Breakers. 4.5kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W608455	DN1B02E	W608457	DN1C02E	W608459	DN1D02E
4	W608456	DN1B04E	W608458	DN1C04E	W608460	DN1D04E
6	W600846	DN1B06E	W600738	DN1C06E	W606509	DN1D06E
10	W600847	DN1B10E	W600739	DN1C10E	W606510	DN1D10E
16	W600848	DN1B16E	W600740	DN1C16E	W606511	DN1D16E
20	W600849	DN1B20E	W600741	DN1C20E	W606512	DN1D20E
25	W600850	DN1B25E	W600742	DN1C25E	W606513	DN1D25E
32	W600851	DN1B32E	W600743	DN1C32E	W606514	DN1D32E
40	W600852	DN1B40E	W600744	DN1C40E	W606515	DN1D40E
50	W600853	DN1B50E	W600745	DN1C50E	W606516	DN1D50E
63	W600854	DN1B63E	W600746	DN1C63E	W606517	DN1D63E

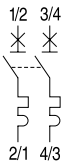
2 Pole



MCB DN Type IEC/EN 60898-1 Circuit Breakers. 10kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W608468	DN2B02H	W608477	DN2C02H	W608479	DN2D02H
4	W608469	DN2B04H	W608478	DN2C04H	W608480	DN2D04H
6	W600783	DN2B06H	W600675	DN2C06H	W606446	DN2D06H
10	W600784	DN2B10H	W600676	DN2C10H	W606447	DN2D10H
16	W600785	DN2B16H	W600677	DN2C16H	W606448	DN2D16H
20	W600786	DN2B20H	W600678	DN2C20H	W606449	DN2D20H
25	W600787	DN2B25H	W600679	DN2C25H	W606450	DN2D25H
32	W600788	DN2B32H	W600680	DN2C32H	W606451	DN2D32H
40	W600789	DN2B40H	W600681	DN2C40H	W606452	DN2D40H
50	W600790	DN2B50H	W600682	DN2C50H	W606453	DN2D50H
63	W600791	DN2B63H	W600683	DN2C63H	W606454	DN2D63H

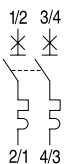
2 Pole



MCB DN Type IEC/EN 60898-1 Circuit Breakers. 6kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W608481	DN2B02S	W608483	DN2C02S	W608485	DN2D02S
4	W608482	DN2B04S	W608484	DN2C04S	W608486	DN2D04S
6	W600819	DN2B06S	W600711	DN2C06S	W606482	DN2D06S
10	W600820	DN2B10S	W600712	DN2C10S	W606483	DN2D10S
16	W600821	DN2B16S	W600713	DN2C16S	W606484	DN2D16S
20	W600822	DN2B20S	W600714	DN2C20S	W606485	DN2D20S
25	W600823	DN2B25S	W600715	DN2C25S	W606486	DN2D25S
32	W600824	DN2B32S	W600716	DN2C32S	W606487	DN2D32S
40	W600825	DN2B40S	W600717	DN2C40S	W606488	DN2D40S
50	W600826	DN2B50S	W600718	DN2C50S	W606489	DN2D50S
63	W600827	DN2B63S	W600719	DN2C63S	W606490	DN2D63S

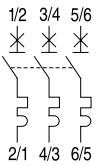
2 Pole



MCB DN Type IEC/EN 60898-1 Circuit Breakers. 4.5kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W608487	DN2B02E	W608489	DN2C02E	W608491	DN2D02E
4	W608488	DN2B04E	W608490	DN2C04E	W608492	DN2D04E
6	W600855	DN2B06E	W600747	DN2C06E	W606518	DN2D06E
10	W600856	DN2B10E	W600748	DN2C10E	W606519	DN2D10E
16	W600857	DN2B16E	W600749	DN2C16E	W606520	DN2D16E
20	W600858	DN2B20E	W600750	DN2C20E	W606521	DN2D20E
25	W600859	DN2B25E	W600751	DN2C25E	W606522	DN2D25E
32	W600860	DN2B32E	W600752	DN2C32E	W606523	DN2D32E
40	W600861	DN2B40E	W600753	DN2C40E	W606524	DN2D40E
50	W600862	DN2B50E	W600754	DN2C50E	W606525	DN2D50E
63	W600863	DN2B63E	W600755	DN2C63E	W606526	DN2D63E

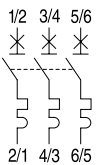
3 Pole



MCB DN Type IEC/EN 60898-1 Circuit Breakers. 10kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W608493	DN3B02H	W608495	DN3C02H	W608497	DN3D02H
4	W608494	DN3B04H	W608496	DN3C04H	W608498	DN3D04H
6	W600792	DN3B06H	W600684	DN3C06H	W606455	DN3D06H
10	W600793	DN3B10H	W600685	DN3C10H	W606456	DN3D10H
16	W600794	DN3B16H	W600686	DN3C16H	W606457	DN3D16H
20	W600795	DN3B20H	W600687	DN3C20H	W606458	DN3D20H
25	W600796	DN3B25H	W600688	DN3C25H	W606459	DN3D25H
32	W600797	DN3B32H	W600689	DN3C32H	W606460	DN3D32H
40	W600798	DN3B40H	W600690	DN3C40H	W606461	DN3D40H
50	W600799	DN3B50H	W600691	DN3C50H	W606462	DN3D50H
63	W600800	DN3B63H	W600692	DN3C63H	W606463	DN3D63H

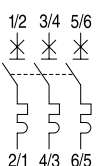
3 Pole



MCB DN Type IEC/EN 60898-1 Circuit Breakers. 6kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W608499	DN3B02S	W608501	DN3C02S	W608503	DN3D02S
4	W608500	DN3B04S	W608502	DN3C04S	W608504	DN3D04S
6	W600828	DN3B06S	W600720	DN3C06S	W606491	DN3D06S
10	W600829	DN3B10S	W600721	DN3C10S	W606492	DN3D10S
16	W600830	DN3B16S	W600722	DN3C16S	W606493	DN3D16S
20	W600831	DN3B20S	W600723	DN3C20S	W606494	DN3D20S
25	W600832	DN3B25S	W600724	DN3C25S	W606495	DN3D25S
32	W600833	DN3B32S	W600725	DN3C32S	W606496	DN3D32S
40	W600834	DN3B40S	W600726	DN3C40S	W606497	DN3D40S
50	W600835	DN3B50S	W600727	DN3C50S	W606498	DN3D50S
63	W600836	DN3B63S	W600728	DN3C63S	W606499	DN3D63S

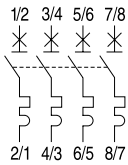
3 Pole



MCB DN Type IEC/EN 60898-1 Circuit Breakers. 4.5kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W608505	DN3B02E	W608507	DN3C02E	W608509	DN3D02E
4	W608506	DN3B04E	W608508	DN3C04E	W608510	DN3D04E
6	W600864	DN3B06E	W600756	DN3C06E	W606527	DN3D06E
10	W600865	DN3B10E	W600757	DN3C10E	W606528	DN3D10E
16	W600866	DN3B16E	W600758	DN3C16E	W606529	DN3D16E
20	W600867	DN3B20E	W600759	DN3C20E	W606530	DN3D20E
25	W600868	DN3B25E	W600760	DN3C25E	W606531	DN3D25E
32	W600869	DN3B32E	W600761	DN3C32E	W606532	DN3D32E
40	W600870	DN3B40E	W600762	DN3C40E	W606533	DN3D40E
50	W600871	DN3B50E	W600763	DN3C50E	W606534	DN3D50E
63	W600872	DN3B63E	W600764	DN3C63E	W606535	DN3D63E

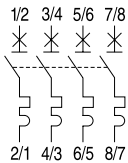
4 Pole



MCB DN Type IEC/EN 60898-1 Circuit Breakers. 10kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W608511	DN4B02H	W608513	DN4C02H	W608515	DN4D02H
4	W608512	DN4B04H	W608514	DN4C04H	W608516	DN4D04H
6	W600801	DN4B06H	W600693	DN4C06H	W606464	DN4D06H
10	W600802	DN4B10H	W600694	DN4C10H	W606465	DN4D10H
16	W600803	DN4B16H	W600695	DN4C16H	W606466	DN4D16H
20	W600804	DN4B20H	W600696	DN4C20H	W606467	DN4D20H
25	W600805	DN4B25H	W600697	DN4C25H	W606468	DN4D25H
32	W600806	DN4B32H	W600698	DN4C32H	W606469	DN4D32H
40	W600807	DN4B40H	W600699	DN4C40H	W606470	DN4D40H
50	W600808	DN4B50H	W600700	DN4C50H	W606471	DN4D50H
63	W600809	DN4B63H	W600701	DN4C63H	W606472	DN4D63H

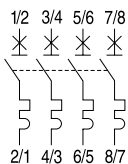
4 Pole



MCB DN Type IEC/EN 60898-1 Circuit Breakers. 6kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W608517	DN4B02S	W608519	DN4C02S	W608521	DN4D02S
4	W608518	DN4B04S	W608520	DN4C04S	W608522	DN4D04S
6	W600837	DN4B06S	W600729	DN4C06S	W606500	DN4D06S
10	W600838	DN4B10S	W600730	DN4C10S	W606501	DN4D10S
16	W600839	DN4B16S	W600731	DN4C16S	W606502	DN4D16S
20	W600840	DN4B20S	W600732	DN4C20S	W606503	DN4D20S
25	W600841	DN4B25S	W600733	DN4C25S	W606504	DN4D25S
32	W600842	DN4B32S	W600734	DN4C32S	W606505	DN4D32S
40	W600843	DN4B40S	W600735	DN4C40S	W606506	DN4D40S
50	W600844	DN4B50S	W600736	DN4C50S	W606507	DN4D50S
63	W600845	DN4B63S	W600737	DN4C63S	W606508	DN4D63S

4 Pole



MCB DN Type IEC/EN 60898-1 Circuit Breakers. 4.5kA ((240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W608523	DN4B02E	W608525	DN4C02E	W608527	DN4D02E
4	W608524	DN4B04E	W608526	DN4C04E	W608528	DN4D04E
6	W600873	DN4B06E	W600765	DN4C06E	W606536	DN4D06E
10	W600874	DN4B10E	W600766	DN4C10E	W606537	DN4D10E
16	W600875	DN4B16E	W600767	DN4C16E	W606538	DN4D16E
20	W600876	DN4B20E	W600768	DN4C20E	W606539	DN4D20E
25	W600877	DN4B25E	W600769	DN4C25E	W606540	DN4D25E
32	W600878	DN4B32E	W600770	DN4C32E	W606541	DN4D32E
40	W600879	DN4B40E	W600771	DN4C40E	W606542	DN4D40E
50	W600880	DN4B50E	W600772	DN4C50E	W606543	DN4D50E
63	W600881	DN4B63E	W600773	DN4C63E	W606544	DN4D63E

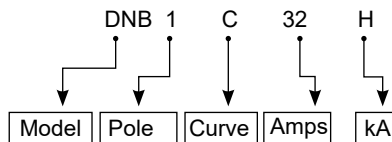


Miniature Circuit Breakers

MCB Type DNB

IEC/EN 60947-2 10 kA
IEC/EN 60898-1 6 kA

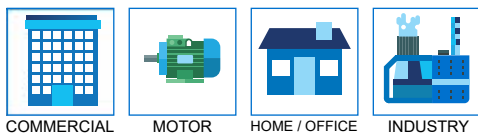
10000
3
6000
3



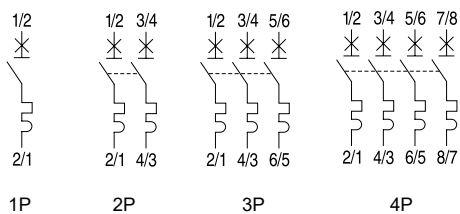
Technical Data

Thermal setting I_n	(A) 63-125
Rated voltage AC U_n	(V) 240/415
Rated Insulation Voltage U_i	(V) 500
Rated impulse withstand voltage U_{imp}	(kV) 4
Tripping characteristics	C
Energy limiting class	3
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 35
Poles	1, 2, 3, 4
Degree Of Protection	IP20
Weight (g/pole)	120

Application



Marking



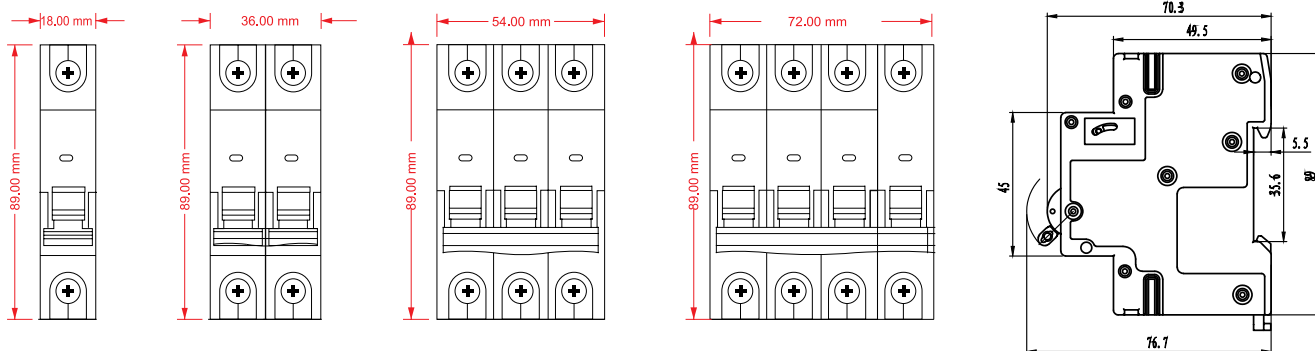
Short-circuit capacity

AC acc. to EN/IEC 60947-2

Type	Poles	Volts	$I_{cn}(kA)$
DNB* *H	1-4	230/415	10 kA ⁽¹⁾
DNB* *S	1-4	230/415	6 kA

(1) $I_{cs}=75\%I_{cn}$

Dimension





MCB DIN-Rail IEC/EN 60947-2 Circuit Breakers 10kA, IEC/EN 60898-1 6kA (240V/415V), Curve C

Rating	1 Pole		2 pole		3 Pole		4 Pole	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
63	W600882	DNB1C63H	W600886	DNB2C63H	W600890	DNB3C63H	W600894	DNB4C63H
80	W600883	DNB1C80H	W600887	DNB2C80H	W600891	DNB3C80H	W600895	DNB4C80H
100	W600884	DNB1C100H	W600888	DNB2C100H	W600892	DNB3C100H	W600896	DNB4C100H
125	W600885	DNB1C125H	W600889	DNB2C125H	W600893	DNB3C125H	W600897	DNB4C125H

MCB DIN-Rail IEC/EN 60947-2 Circuit Breakers 6 kA, IEC/EN 60898-1 6kA (240V/415V), Curve C

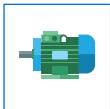
Rating	1 Pole		2 pole		3 Pole		4 Pole	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
63	W600898	DNB1C63S	W600902	DNB2C63S	W600906	DNB3C63S	W600910	DNB4C63S
80	W600899	DNB1C80S	W600903	DNB2C80S	W600907	DNB3C80S	W600911	DNB4C80S
100	W600900	DNB1C100S	W600904	DNB2C100S	W600908	DNB3C100S	W600912	DNB4C100S
125	W600901	DNB1C125S	W600905	DNB2C125S	W600909	DNB3C125S	W600913	DNB4C125S



Application



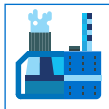
COMMERCIAL



MOTOR

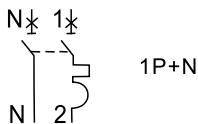


HOME / OFFICE

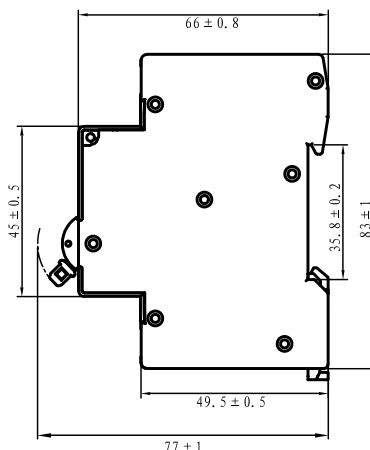
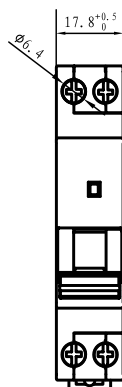


INDUSTRY

Marking



Dimension



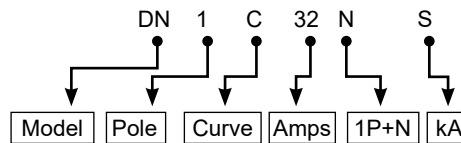
Miniature Circuit Breakers

MCB Type DN (1 Pole + N)

EN/IEC 60898-1

6000

3



Technical Data

Thermal setting I_n	(A) 2-63
Rated voltage AC U_n	(V) 240/415
Rated Insulation Voltage U_i	(V) 500
Rated impulse withstand voltage U_{imp}	(kV) 4
Tripping characteristics	B-C
Energy limiting class	3
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	95% RH at 50°C
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1, 2, 3, 4
Degree Of Protection	IP20
Weight (g/pole)	180

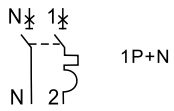
Short-circuit capacity

AC acc. to EN/IEC 60898-1

Type	Poles	Volts	$I_{cn}(kA)$
DN***S	1P+N	240/415V	6 kA

1Pole + N

MCB DN Type 1 POLE +N IEC/EN 60898-1 Circuit Breakers. 6kA (240V)



Rating	Curve B		Curve C	
	Ref.No.	1 Pole + N CURVE B	Ref.No.	1 Pole + N CURVE C
6	W608461	DN1B06NS	W608470	DN1C06NS
10	W608462	DN1B10NS	W608471	DN1C10NS
16	W608463	DN1B16NS	W608472	DN1C16NS
20	W608464	DN1B20NS	W608473	DN1C20NS
25	W608465	DN1B25NS	W608474	DN1C25NS
32	W608466	DN1B32NS	W608475	DN1C32NS
40	W608467	DN1B40NS	W608476	DN1C40NS
50	W610533	DN1B50NS	W610535	DN1C50NS
63	W610534	DN1B63NS	W610536	DN1C63NS

1

Residential Products

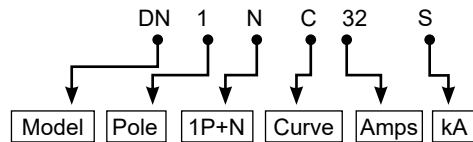


Miniature Circuit Breakers

MCB Type DN (1 Pole+N, 3 Pole+N)

EN/IEC 60898-1

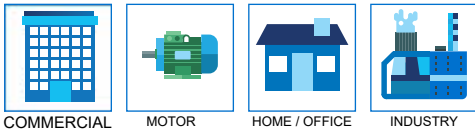
6000
3



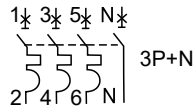
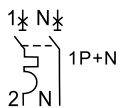
Technical Data

Thermal setting I_n	(A) 2-63
Rated voltage AC U_n	(V) 240/415
Rated frequency	50/60Hz
Rated Insulation Voltage U_i	(V) 500
Rated impulse withstand voltage U_{imp}	(kV) 4
Tripping characteristics	B-C
Energy limiting class	3
Mechanical/electrical endurance	10000/2000
Tropicalisation acc.to EN/IEC 60068-2	95% RH at 50°C
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1P+N, 3P+N
Degree Of Protection	IP20
Weight (g/pole)	120/240

Application



Marking



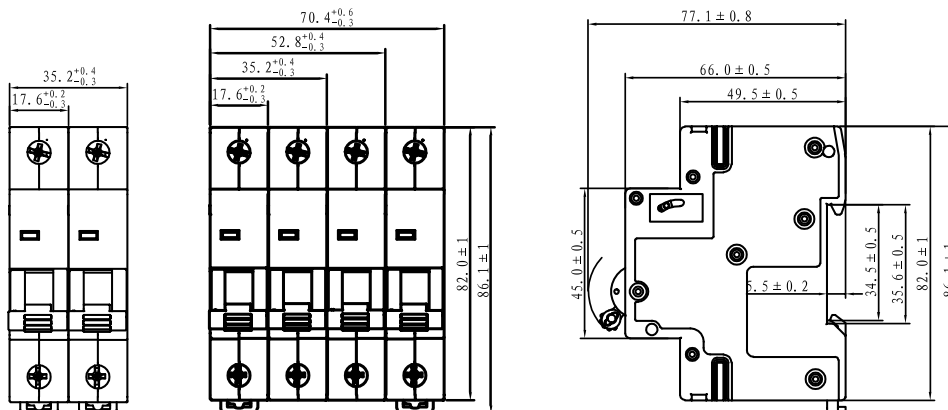
Short-circuit capacity

AC acc. to EN/IEC 60898-1

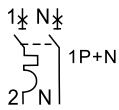
Type	Poles	Volts	$I_{cn}(kA)$
DN****S	1-4	230/415	6 kA

 (1) $I_{cs} = 75\% I_{cn}$

Dimension



1Pole + N

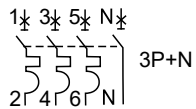


DN 1 POLE + N IEC/EN 60898-1 6kA , (240/415V) Curve B & Curve C

Rating	Curve B		Curve C	
	Ref.No.	1 Pole + N CURVE B	Ref.No.	1 Pole + N CURVE C
6	W608640	DN1NB06S	W608649	DN1NC06S
10	W608641	DN1NB10S	W608650	DN1NC10S
16	W608642	DN1NB16S	W608651	DN1NC16S
20	W608643	DN1NB20S	W608652	DN1NC20S
25	W608644	DN1NB25S	W608653	DN1NC25S
32	W608645	DN1NB32S	W608654	DN1NC32S
40	W608646	DN1NB40S	W608655	DN1NC40S
50	W608647	DN1NB50S	W608656	DN1NC50S
63	W608648	DN1NB63S	W608657	DN1NC63S

DN 3 POLE + N IEC/EN 60898-1 6kA , (240/415V) Curve B & Curve C

3Pole + N

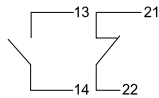


Rating	Ref.No.	3 Pole + N CURVE B	Ref.No.	3 Pole + N CURVE C
6	W608658	DN3NB06S	W608667	DN3NC06S
10	W608659	DN3NB10S	W608668	DN3NC10S
16	W608660	DN3NB16S	W608669	DN3NC16S
20	W608661	DN3NB20S	W608670	DN3NC20S
25	W608662	DN3NB25S	W608671	DN3NC25S
32	W608663	DN3NB32S	W608672	DN3NC32S
40	W608664	DN3NB40S	W608673	DN3NC40S
50	W608665	DN3NB50S	W608674	DN3NC50S
63	W608666	DN3NB63S	W608675	DN3NC63S

MCB's Accessories (DN, DNB)

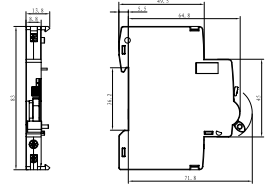
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Residential Products



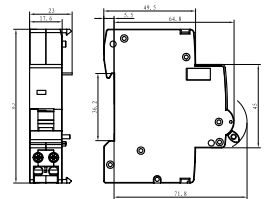
MFAU1 Ref. No. W601104

1- Auxiliary Switch 1NO + 1NC 5A- 230V~
Allows remote indication of main contact status



MFST2

2- Shunt trip releases
allows remote tripping operation of the coil is indicated by a flag on the product fascia
230V AC ,110V DC & 24V DC



Cat.No.	Ref.No.	Description
MFST1-230VAC	W601105	Shunt trip releases 230V AC
MFST2-110VDC	W610323	Shunt trip releases 110V DC
MFST3-24VDC	W610324	Shunt trip releases 24V DC



3- Under Voltage release

allows MCB to be closed only when voltage is above 85% of Un. MCB will automatically trip when voltage falls to between 70-35% of Un. operation of the coil is indicated by ag on the product fascia 230Vac, 48Vdc

Cat.No.	Ref.No.	Description
MFUV3-230VAC	W601106	Under Voltage release 230V AC
MFUV3-48VDC	W610437	Under Voltage release 24V DC



CBELL Ref. No. W601107

4- Alarm

Indication of whether MCB has been turned off or tripped



FPL5 Ref. No. W601108

5- Padlockable

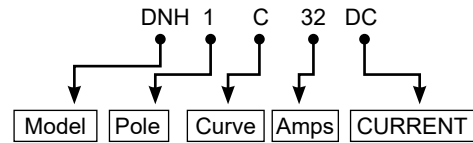
for the toggle of the device
supplied without padlock
This allows lock of the on/off position
will accept two padlocks with hasps of 4.75 mm

Miniature Circuit Breakers

MCB Type DNH (DC)

EN/IEC 60947-1

10000
3

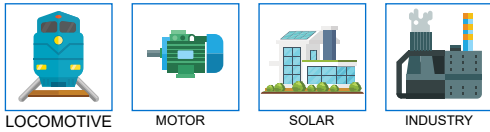


Technical Data

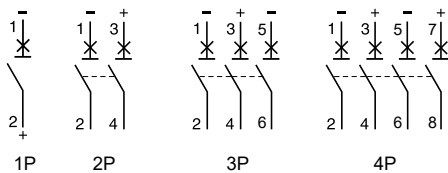
Thermal setting In	(A) 1-63
Rated Insulation Voltage (Ui)	(VDC) 500-1000
Rated operational Voltage (Ue)	(VDC) 110-1000
Rated impulse withstand voltage Uimp	(kV) 6
Rated short-time making Capacity(Icm)	10kA
Tripping characteristics	C
Tripping type	Thermal magnetic
Energy limiting class	3
Mechanical/electrical endurance	10000/2500
Temperature	-20-70°C
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1, 2, 3, 4
Degree Of Protection	IP20
Weight (g/pole)	120



Application

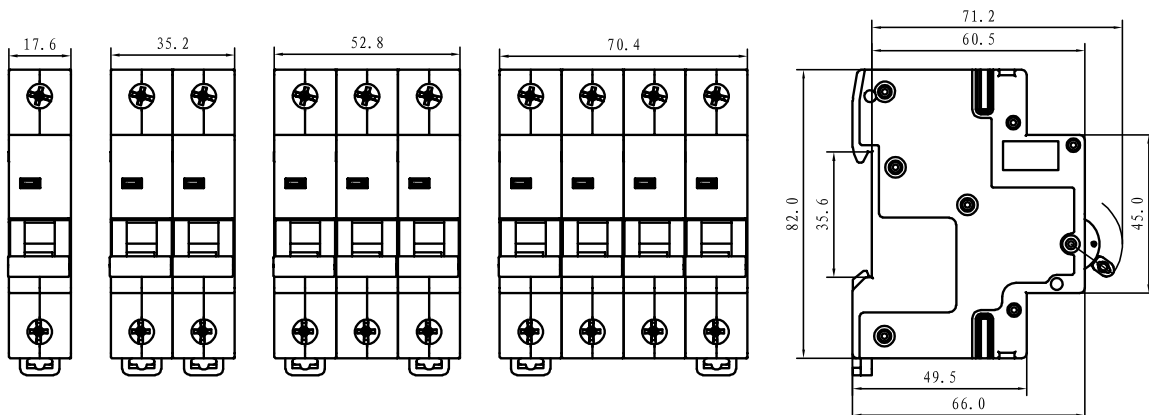


Marking



Poles	Rated insulation voltage(Ui)	Rated operational Voltage(Ue)
1 Pole	500	110V DC, 125V DC, 220V DC, 250V DC
2 Pole	500	220V DC, 250V DC, 440V DC, 500V DC
3 Pole	1000	660V DC, 750V DC
4 Pole	1000	880V DC, 1 000V DC

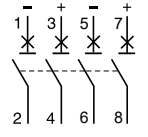
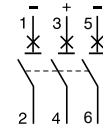
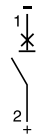
Dimension



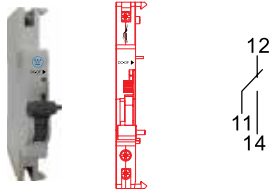


MCB DNH-DC Din-Rail IEC/EN 60974-2 Circuit Breakers. 10 kA "C" Curve

Rating	1 Pole		2 pole		3 Pole		4 Pole	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
1	W608529	DNH1C01DC	W608532	DNH2C01DC	W608535	DNH3C01DC	W608538	DNH4C01DC
2	W608530	DNH1C02DC	W608533	DNH2C02DC	W608536	DNH3C02DC	W608539	DNH4C02DC
4	W608531	DNH1C04DC	W608534	DNH2C04DC	W608537	DNH3C04DC	W608540	DNH4C04DC
6	W605800	DNH1C06DC	W605809	DNH2C06DC	W605818	DNH3C06DC	W605827	DNH4C06DC
10	W605801	DNH1C10DC	W605810	DNH2C10DC	W605819	DNH3C10DC	W605828	DNH4C10DC
16	W605802	DNH1C16DC	W605811	DNH2C16DC	W605820	DNH3C16DC	W605829	DNH4C16DC
20	W605803	DNH1C20DC	W605812	DNH2C20DC	W605821	DNH3C20DC	W605830	DNH4C20DC
25	W605804	DNH1C25DC	W605813	DNH2C25DC	W605822	DNH3C25DC	W605831	DNH4C25DC
32	W605805	DNH1C32DC	W605814	DNH2C32DC	W605823	DNH3C32DC	W605832	DNH4C32DC
40	W605806	DNH1C40DC	W605815	DNH2C40DC	W605824	DNH3C40DC	W605833	DNH4C40DC
50	W605807	DNH1C50DC	W605816	DNH2C50DC	W605825	DNH3C50DC	W605834	DNH4C50DC
63	W605808	DNH1C63DC	W605817	DNH2C63DC	W605826	DNH3C63DC	W605835	DNH4C63DC

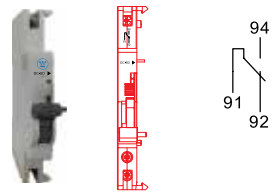
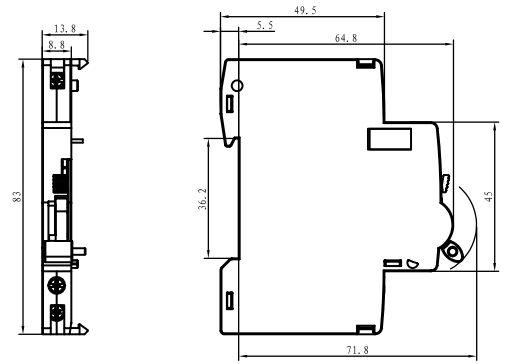
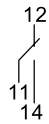


MCB's Accessories (DNH-DC)



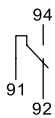
DC OF Auxiliary Contact

Rated Current:(In):3A(400VAC)
 6A(240VAC)
 1A(110VDC)
 Width:0.5module(9mm)
 Terminal:0.5-4mm'
 Dielectric strength:2000V/1 min
 Electromechanical endurance: >5000 times

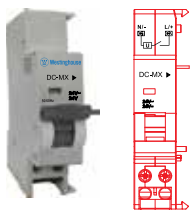


DC SD Alarm Switch

Contact Capacity: 3A(400V AC)
 6A(230V AC)
 9A(12SV AC)
 Width(mm): 0.5module(9mm)
 Rated Power Voltage(Us): 400V,230V, 12SV
 Operate Voltage Range: 70-100% Us
 Dielectric strength: 2000V/ 1 min
 Rated Insulating Voltage(Ui): SOOV
 Electro-mechanical endurance: >4000 times

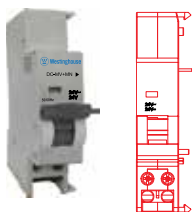
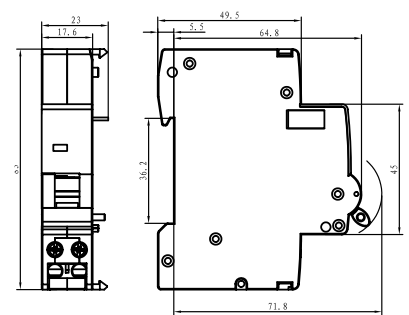
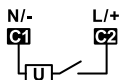


Cat.No.	Ref.No.	Description
DC-OF	W606744	Auxiliary Contact Rated Current:(In):3A(400VAC) 6A(240VAC) 1A(110VDC)
DC-SD	W608203	Alarm Switch Contact Capacity: 3A(400V AC) 6A(230V AC) 9A(12SV AC)



DC MX Shunt Release

Nominal Voltage:(Us): 110-415VAC
 Max. inrush current :In=3A(415VAC)
 In=6A(230VAC)
 In=9A(110VAC)
 Width:1.5 module(18mm/module)
 Dielectric strength:2000V/1 min
 Electro-mechanical endurance:>4000 times
 Release range: 110-415VAC



DC MV+MN Over-voltage and under-voltage Release

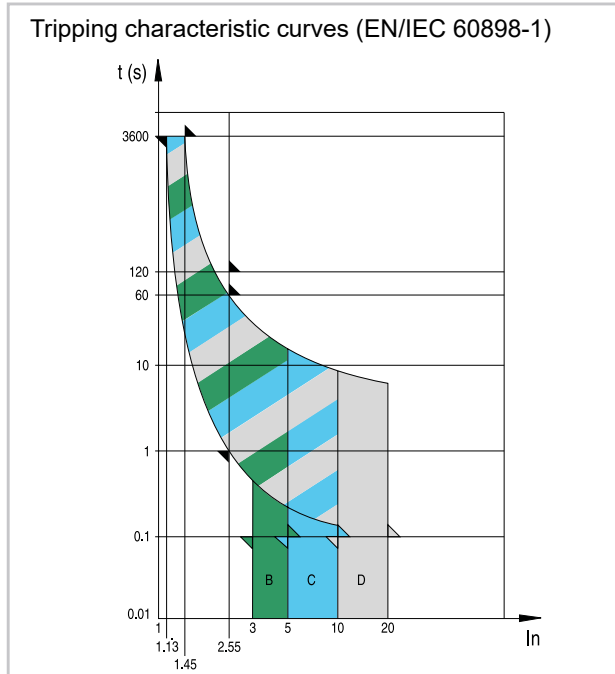
Rated Voltage(Ue):230VAC
 Max. Tripping Voltage:280V
 Min. Tripping Voltage:170VAC
 Width:1.5 module(27mm)
 Electro-mechanical endurance:>4000 times

Cat.No.	Ref.No.	Description
DC MX	W608204	Shunt Release Nominal Voltage:(Us): 110-415VAC Max. Inrush current :In=3A(415VAC) In=6A(230VAC) In=9A(110VAC)
DC MV+MN	W608205	Over-voltage and under-voltage Release, Rated Voltage(Ue):230VAC Max. Tripping Voltage:280V Min. Tripping Voltage:170VAC

Characteristics according to EN/IEC 60898-1

1

Residential Products



Magnetic release

An electromagnet with plunger ensures instantaneous tripping in the event of short-circuit. The standard distinguishes three different types, following the current for instantaneous release: type B,C,D.

Icn (A)	Test current	Tripping Time	Applications
B	3 x In 5 x In	0.1 < t < 45s (In ≤ 32A) 0.1 < t < 90s (In > 32A) t < 0.1s	Only for resistive loads such as: - Electrical heating - Water heater - Stoves
C	5 x In 10 x In	0.1 < t < 15s (In ≤ 32A) 0.1 < t < 30s (In > 32A) t < 0.1s	Usual loads such as: - Lighting - Socket-outlets - Small motors
D	10 x In 20 x In	0.1 < t < 4s ⁽¹⁾ (In ≤ 32A) 0.1 < t < 8s (In > 32A) t < 0.1s	Control and protection of circuits having important Transient inrush currents

(1) If In ≤ 10A, t < 8s

Thermal release

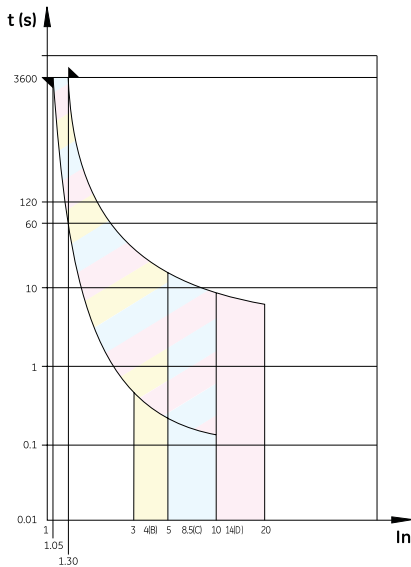
The release is initiated by a bimetal strip in case of overload. The standard defines the range of releases for specific overload values. Reference ambient temperature is 30°C.

Test current	Tripping Time
1.13 x In	t ≥ 1h (In ≤ 63A) t ≥ 2h (In > 63A)
1.45 x In	t < 1h (In ≤ 63A) t < 2h (In > 63A)
2.55 x In	1s < t < 60s (In ≤ 32A) 1s < t < 120s (In > 32A)

Characteristics according to EN/IEC 60947-2

Miniature Circuit Breakers (MCB) are intended for the protection of wiring installations against both overloads and short-circuits in domestic or commercial wiring installations where operation is possible by uninstructed people.

Tripping characteristic curves (EN/IEC 60947-2)



Magnetic release

An electromagnet with plunger ensures instantaneous tripping in the event of short-circuit. The Standard leaves the calibration of magnetic release to the manufacturer's discretion.

Thermal release

The release is initiated by a bimetal strip in case of overload. The standard defines the range of releases for two special overload values.

I_{cn} (A)	Test current	Tripping Time
B,C,D	$1.05 \times I_n$	$t \geq 1h$ ($I_n \leq 63A$) $t \geq 2h$ ($I_n > 63A$)



Residual Current Circuit Breakers

RCBO TYPE ODN (1+N)

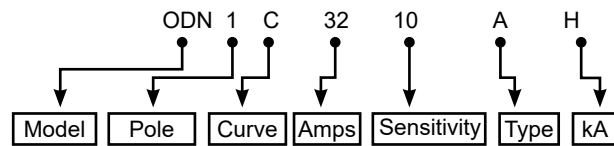
IEC/EN 61009-1

Type AC

Type A

10000
3

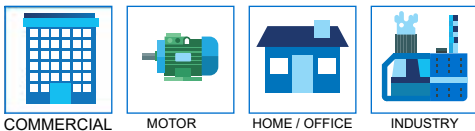
6000
3



Technical Data

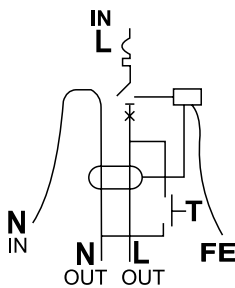
Thermal setting I_n	(A) 6-40
Residual Current $I_{\Delta n}$	(mA) 10,30,100,300
Tripping characteristic	B-C
Rated voltage AC U_n	(V) 240
Mechanical/electrical endurance	10000/2000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1+N
Weight (g/pole)	250

Application



Marking

CE

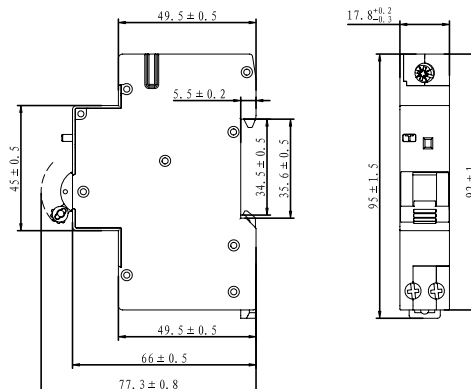


Short-circuit capacity

AC acc. to EN/IEC 61009-1

Residual making and breaking capacity	$I_{\Delta m}=6000A$
Energy limiting class	3
Short-circuit capacity	$I_{cn}=10000A$ at 240V for H $I_{cn}=6000A$ at 240V For S

Dimension



ODN Electronic Combined RCBO/MCB Device , 10 kA 1 Pole 240V sensitivity(10,30,100,300) Type AC Curve B


Raring	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W608029	ODN1B0610H	W608036	ODN1B0630H	W608043	ODN1B06100H	W608050	ODN1B06300H
10	W608030	ODN1B1010H	W608037	ODN1B1030H	W608044	ODN1B10100H	W608051	ODN1B10300H
16	W608031	ODN1B1610H	W608038	ODN1B1630H	W608045	ODN1B16100H	W608052	ODN1B16300H
20	W608032	ODN1B2010H	W608039	ODN1B2030H	W608046	ODN1B20100H	W608053	ODN1B20300H
25	W608033	ODN1B2510H	W608040	ODN1B2530H	W608047	ODN1B25100H	W608054	ODN1B25300H
32	W608034	ODN1B3210H	W608041	ODN1B3230H	W608048	ODN1B32100H	W608055	ODN1B32300H
40	W608035	ODN1B4010H	W608042	ODN1B4030H	W608049	ODN1B40100H	W608056	ODN1B40300H

ODN Electronic Combined RCBO/MCB Device , 6 kA 1 Pole 240V sensitivity(10,30,100,300) Type AC Curve B

Raring	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W608057	ODN1B0610S	W608064	ODN1B0630S	W608071	ODN1B06100S	W608078	ODN1B06300S
10	W608058	ODN1B1010S	W608065	ODN1B1030S	W608072	ODN1B10100S	W608079	ODN1B10300S
16	W608059	ODN1B1610S	W608066	ODN1B1630S	W608073	ODN1B16100S	W608080	ODN1B16300S
20	W608060	ODN1B2010S	W608067	ODN1B2030S	W608074	ODN1B20100S	W608081	ODN1B20300S
25	W608061	ODN1B2510S	W608068	ODN1B2530S	W608075	ODN1B25100S	W608082	ODN1B25300S
32	W608062	ODN1B3210S	W608069	ODN1B3230S	W608076	ODN1B32100S	W608083	ODN1B32300S
40	W608063	ODN1B4010S	W608070	ODN1B4030S	W608077	ODN1B40100S	W608084	ODN1B40300S

ODN Electronic Combined RCBO/MCB Device , 10 kA 1 Pole 240V sensitivity(10,30,100,300) Type A Curve B

Raring	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W608085	ODN1B0610AH	W608092	ODN1B0630AH	W608099	ODN1B06100AH	W608106	ODN1B06300AH
10	W608086	ODN1B1010AH	W608093	ODN1B1030AH	W608100	ODN1B10100AH	W608107	ODN1B10300AH
16	W608087	ODN1B1610AH	W608094	ODN1B1630AH	W608101	ODN1B16100AH	W608108	ODN1B16300AH
20	W608088	ODN1B2010AH	W608095	ODN1B2030AH	W608102	ODN1B20100AH	W608109	ODN1B20300AH
25	W608089	ODN1B2510AH	W608096	ODN1B2530AH	W608103	ODN1B25100AH	W608110	ODN1B25300AH
32	W608090	ODN1B3210AH	W608097	ODN1B3230AH	W608104	ODN1B32100AH	W608111	ODN1B32300AH
40	W608091	ODN1B4010AH	W608098	ODN1B4030AH	W608105	ODN1B40100AH	W608112	ODN1B40300AH

ODN Electronic Combined RCBO/MCB Device , 6 kA 1 Pole 240V sensitivity(10,30,100,300) Type A Curve B

Raring	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W608113	ODN1B0610AS	W608120	ODN1B0630AS	W608127	ODN1B06100AS	W608134	ODN1B06300AS
10	W608114	ODN1B1010AS	W608121	ODN1B1030AS	W608128	ODN1B10100AS	W608135	ODN1B10300AS
16	W608115	ODN1B1610AS	W608122	ODN1B1630AS	W608129	ODN1B16100AS	W608136	ODN1B16300AS
20	W608116	ODN1B2010AS	W608123	ODN1B2030AS	W608130	ODN1B20100AS	W608137	ODN1B20300AS
25	W608117	ODN1B2510AS	W608124	ODN1B2530AS	W608131	ODN1B25100AS	W608138	ODN1B25300AS
32	W608118	ODN1B3210AS	W608125	ODN1B3230AS	W608132	ODN1B32100AS	W608139	ODN1B32300AS
40	W608119	ODN1B4010AS	W608126	ODN1B4030AS	W608133	ODN1B40100AS	W608140	ODN1B40300AS



ODN Electronic Combined RCBO/MCB Device , 10 kA 1 Pole 240V sensitivity(10,30,100,300) Type AC Curve C

Rating	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W600914	ODN1C0610H	W600921	ODN1C0630H	W600928	ODN1C06100H	W600935	ODN1C06300H
10	W600915	ODN1C1010H	W600922	ODN1C1030H	W600929	ODN1C10100H	W600936	ODN1C10300H
16	W600916	ODN1C1610H	W600923	ODN1C1630H	W600930	ODN1C16100H	W600937	ODN1C16300H
20	W600917	ODN1C2010H	W600924	ODN1C2030H	W600931	ODN1C20100H	W600938	ODN1C20300H
25	W600918	ODN1C2510H	W600925	ODN1C2530H	W600932	ODN1C25100H	W600939	ODN1C25300H
32	W600919	ODN1C3210H	W600926	ODN1C3230H	W600933	ODN1C32100H	W600940	ODN1C32300H
40	W600920	ODN1C4010H	W600927	ODN1C4030H	W600934	ODN1C40100H	W600941	ODN1C40300H

ODN Electronic Combined RCBO/MCB Device , 6 kA 1 Pole 240V sensitivity(10,30,100,300) Type AC Curve C

Rating	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W600942	ODN1C0610S	W600949	ODN1C0630S	W600956	ODN1C06100S	W600963	ODN1C06300S
10	W600943	ODN1C1010S	W600950	ODN1C1030S	W600957	ODN1C10100S	W600964	ODN1C10300S
16	W600944	ODN1C1610S	W600951	ODN1C1630S	W600958	ODN1C16100S	W600965	ODN1C16300S
20	W600945	ODN1C2010S	W600952	ODN1C2030S	W600959	ODN1C20100S	W600966	ODN1C20300S
25	W600946	ODN1C2510S	W600953	ODN1C2530S	W600960	ODN1C25100S	W600967	ODN1C25300S
32	W600947	ODN1C3210S	W600954	ODN1C3230S	W600961	ODN1C32100S	W600968	ODN1C32300S
40	W600948	ODN1C4010S	W600955	ODN1C4030S	W600962	ODN1C40100S	W600969	ODN1C40300S

ODN Electronic Combined RCBO/MCB Device , 10 kA 1 Pole 240V sensitivity(10,30,100,300) Type A Curve C

Rating	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W608141	ODN1C0610AH	W608148	ODN1C0630AH	W608155	ODN1C06100AH	W608162	ODN1C06300AH
10	W608142	ODN1C1010AH	W608149	ODN1C1030AH	W608156	ODN1C10100AH	W608163	ODN1C10300AH
16	W608143	ODN1C1610AH	W608150	ODN1C1630AH	W608157	ODN1C16100AH	W608164	ODN1C16300AH
20	W608144	ODN1C2010AH	W608151	ODN1C2030AH	W608158	ODN1C20100AH	W608165	ODN1C20300AH
25	W608145	ODN1C2510AH	W608152	ODN1C2530AH	W608159	ODN1C25100AH	W608166	ODN1C25300AH
32	W608146	ODN1C3210AH	W608153	ODN1C3230AH	W608160	ODN1C32100AH	W608167	ODN1C32300AH
40	W608147	ODN1C4010AH	W608154	ODN1C4030AH	W608161	ODN1C40100AH	W608168	ODN1C40300AH

ODN Electronic Combined RCBO/MCB Device , 10 kA 1 Pole 240V sensitivity(10,30,100,300) Type A Curve C

Rating	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W608169	ODN1C0610AS	W608176	ODN1C0630AS	W608183	ODN1C06100AS	W608191	ODN1C06300AS
10	W608170	ODN1C1010AS	W608177	ODN1C1030AS	W608184	ODN1C10100AS	W608192	ODN1C10300AS
16	W608171	ODN1C1610AS	W608178	ODN1C1630AS	W608185	ODN1C16100AS	W608193	ODN1C16300AS
20	W608172	ODN1C2010AS	W608179	ODN1C2030AS	W608186	ODN1C20100AS	W608194	ODN1C20300AS
25	W608173	ODN1C2510AS	W608180	ODN1C2530AS	W608187	ODN1C25100AS	W608195	ODN1C25300AS
32	W608174	ODN1C3210AS	W608181	ODN1C3230AS	W608188	ODN1C32100AS	W608196	ODN1C32300AS
40	W608175	ODN1C4010AS	W608182	ODN1C4030AS	W608189	ODN1C40100AS	W608140	ODN1B40300AS

Residual Current Circuit Breakers

RCBO TYPE ODN (3+N)



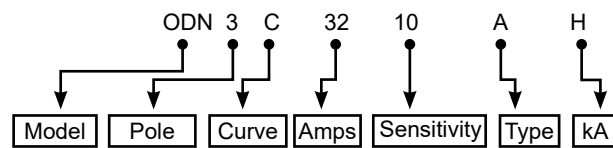
IEC/EN 61009-1

Type AC

Type A

10000
3

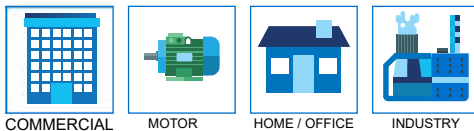
6000
3



Technical Data

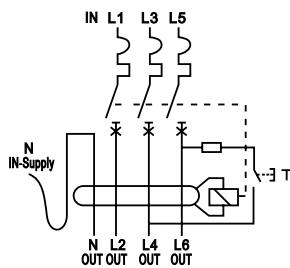
Thermal setting In	(A) 6-40
Residual Current I Δ n	(mA) 10,30,100,300
Rate Voltage(U _n)	400/415VAC
Breaking Capacity	I _{cn} =10kA I _{cs} =7.5kA
Magnetic Tripping Characteristic	B-C,D
Residual tripping characteristics	AC,A
Mechanical endurance	10000
Electrical endurance	5000
Frequency	50/60Hz
Dielectric strength	2500V
Power supply	UP
Terminals	Pillar type
Cable termination	25mm ²
Torque of screw	2.5Nm
IP degree	IP20
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Poles	3+N
Standard	IEC/EN61009-1
Weight (g)	250

Application

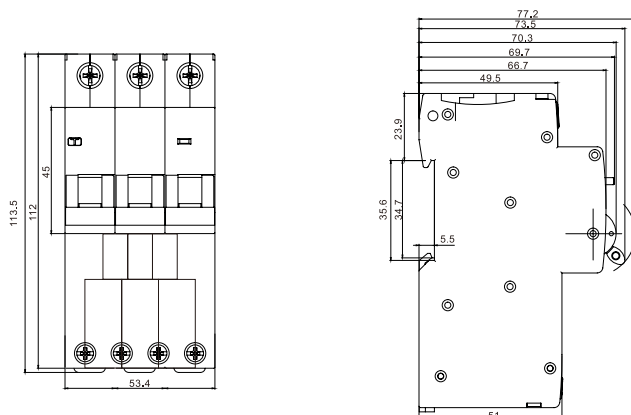


Marking

CE



Dimension



Short-circuit capacity

AC acc. to EN/IEC 61009-1

Residual making and breaking capacity	I Δ m=6000A
Energy limiting class	3
Short-circuit capacity	I _{cn} =10000A at 240V/415V for H I _{cn} =6000A at 240V/415V For S



ODN Electronic Combined RCCB/MCB Device , 10 kA 3 Pole 400/415V sensitivity(10,30,100,300) Type AC Curve B

Rating	3 Pole 10mA		3 Pole 30mA		3 Pole 100mA		3 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W607064	ODN3B0610H	W607071	ODN3B0630H	W607078	ODN3B06100H	W607085	ODN3B06300H
10	W607065	ODN3B1010H	W607072	ODN3B1030H	W607079	ODN3B10100H	W607086	ODN3B10300H
16	W607066	ODN3B1010H	W607073	ODN3B1630H	W607080	ODN3B16100H	W607087	ODN3B16300H
20	W607067	ODN3B2010H	W607074	ODN3B2030H	W607081	ODN3B20100H	W607088	ODN3B20300H
25	W607068	ODN3B2510H	W607075	ODN3B2530H	W607082	ODN3B25100H	W607089	ODN3B25300H
32	W607069	ODN3B3210H	W607076	ODN3B3230H	W607083	ODN3B32100H	W607090	ODN3B32300H
40	W607070	ODN3B4010H	W607077	ODN3B4030H	W607084	ODN3B40100H	W607091	ODN3B40300H

ODN Electronic Combined RCCB/MCB Device , 6 kA 3 Pole 400/415V sensitivity(10,30,100,300) Type AC Curve B

Rating	3 Pole 10mA		3 Pole 30mA		3 Pole 100mA		3 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W607092	ODN3B0610S	W607099	ODN3B0630S	W607106	ODN3B06100S	W607113	ODN3B06300S
10	W607093	ODN3B1010S	W607100	ODN3B1030S	W607107	ODN3B10100S	W607114	ODN3B10300S
16	W607094	ODN3B1610S	W607101	ODN3B1630S	W607108	ODN3B16100S	W607115	ODN3B16300S
20	W607095	ODN3B2010S	W607102	ODN3B2030S	W607109	ODN3B20100S	W607116	ODN3B20300S
25	W607096	ODN3B2510S	W607103	ODN3B2530S	W607110	ODN3B25100S	W607117	ODN3B25300S
32	W607097	ODN3B3210S	W607104	ODN3B3230S	W607111	ODN3B32100S	W607118	ODN3B32300S
40	W607098	ODN3B4010S	W607105	ODN3B4030S	W607112	ODN3B40100S	W607119	ODN3B40300S

ODN Electronic Combined RCCB/MCB Device , 10 kA 3 Pole 400/415V sensitivity(10,30,100,300) Type AC Curve C

Rating	3 Pole 10mA		3 Pole 30mA		3 Pole 100mA		3 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W607008	ODN3C0610H	W607015	ODN3C0630H	W607022	ODN3C06100H	W607029	ODN3C06300H
10	W607009	ODN3C1010H	W607016	ODN3C1030H	W607023	ODN3C10100H	W607030	ODN3C10300H
16	W607010	ODN3C1010H	W607017	ODN3C1630H	W607024	ODN3C16100H	W607031	ODN3C16300H
20	W607011	ODN3C2010H	W607018	ODN3C2030H	W607025	ODN3C20100H	W607032	ODN3C20300H
25	W607012	ODN3C2510H	W607019	ODN3C2530H	W607026	ODN3C25100H	W607033	ODN3C25300H
32	W607013	ODN3C3210H	W607020	ODN3C3230H	W607027	ODN3C32100H	W607034	ODN3C32300H
40	W607014	ODN3C4010H	W607021	ODN3C4030H	W607028	ODN3C40100H	W607035	ODN3C40300H

ODN Electronic Combined RCCB/MCB Device , 6 kA 3 Pole 400/415V sensitivity(10,30,100,300) Type AC Curve C

Rating	3 Pole 10mA		3 Pole 30mA		3 Pole 100mA		3 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W607036	ODN3C0610S	W607043	ODN3C0630S	W607050	ODN3C06100S	W607057	ODN3C06300S
10	W607037	ODN3C1010S	W607044	ODN3C1030S	W607051	ODN3C10100S	W607058	ODN3C10300S
16	W607038	ODN3C1610S	W607045	ODN3C1630S	W607052	ODN3C16100S	W607059	ODN3C16300S
20	W607039	ODN3C2010S	W607046	ODN3C2030S	W607053	ODN3C20100S	W607060	ODN3C20300S
25	W607040	ODN3C2510S	W607047	ODN3C2530S	W607054	ODN3C25100S	W607061	ODN3C25300S
32	W607041	ODN3C3210S	W607048	ODN3C3230S	W607055	ODN3C32100S	W607062	ODN3C32300S
40	W607042	ODN3C4010S	W607049	ODN3C4030S	W607056	ODN3C40100S	W607063	ODN3C40300S

ODN Electronic Combined RCCB/MCB Device , 10 kA 3 Pole 400/415V sensitivity(10,30,100,300) Type AC Curve D



Rating	3 Pole 10mA		3 Pole 30mA		3 Pole 100mA		3 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W607120	ODN3D0610H	W607127	ODN3D0630H	W607134	ODN3D06100H	W607141	ODN3D06300H
10	W607121	ODN3D1010H	W607128	ODN3D1030H	W607135	ODN3D10100H	W607142	ODN3D10300H
16	W607122	ODN3D1010H	W607129	ODN3D1630H	W607136	ODN3D16100H	W607143	ODN3D16300H
20	W607123	ODN3D2010H	W607130	ODN3D2030H	W607137	ODN3D20100H	W607144	ODN3D20300H
25	W607124	ODN3D2510H	W607131	ODN3D2530H	W607138	ODN3D25100H	W607145	ODN3D25300H
32	W607125	ODN3D3210H	W607132	ODN3D3230H	W607139	ODN3D32100H	W607146	ODN3D32300H
40	W607126	ODN3D4010H	W607133	ODN3D4030H	W607140	ODN3D40100H	W607147	ODN3D40300H

ODN Electronic Combined RCCB/MCB Device , 6 kA 3 Pole 400/415V sensitivity(10,30,100,300) Type AC Curve D

Rating	3 Pole 10mA		3 Pole 30mA		3 Pole 100mA		3 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W607148	ODN3D0610S	W607155	ODN3D0630S	W607162	ODN3D06100S	W607169	ODN3D06300S
10	W607149	ODN3D1010S	W607156	ODN3D1030S	W607163	ODN3D10100S	W607170	ODN3D10300S
16	W607150	ODN3D1610S	W607157	ODN3D1630S	W607164	ODN3D16100S	W607171	ODN3D16300S
20	W607151	ODN3D2010S	W607158	ODN3D2030S	W607165	ODN3D20100S	W607172	ODN3D20300S
25	W607152	ODN3D2510S	W607159	ODN3D2530S	W607166	ODN3D25100S	W607173	ODN3D25300S
32	W607153	ODN3D3210S	W607160	ODN3D3230S	W607167	ODN3D32100S	W607174	ODN3D32300S
40	W607154	ODN3D4010S	W607161	ODN3D4030S	W607168	ODN3D40100S	W607175	ODN3D40300S

ODN Electronic Combined RCCB/MCB Device , 10 kA 3 Pole 400/415V sensitivity(10,30,100,300) Type A Curve B

Rating	3 Pole 10mA		3 Pole 30mA		3 Pole 100mA		3 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W607232	ODN3B0610AH	W607239	ODN3B0630AH	W607246	ODN3B06100AH	W607253	ODN3B06300AH
10	W607233	ODN3B1010AH	W607240	ODN3B1030AH	W607247	ODN3B10100AH	W607254	ODN3B10300AH
16	W607234	ODN3B1010AH	W607241	ODN3B1630AH	W607248	ODN3B16100AH	W607255	ODN3B16300AH
20	W607235	ODN3B2010AH	W607242	ODN3B2030AH	W607249	ODN3B20100AH	W607256	ODN3B20300AH
25	W607236	ODN3B2510AH	W607243	ODN3B2530AH	W607250	ODN3B25100AH	W607257	ODN3B25300AH
32	W607237	ODN3B3210AH	W607244	ODN3B3230AH	W607251	ODN3B32100AH	W607258	ODN3B32300AH
40	W607238	ODN3B4010AH	W607245	ODN3B4030AH	W607252	ODN3B40100AH	W607259	ODN3B40300AH

ODN Electronic Combined RCCB/MCB Device , 6 kA 3 Pole 400/415V sensitivity(10,30,100,300) Type A Curve B

Rating	3 Pole 10mA		3 Pole 30mA		3 Pole 100mA		3 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W607260	ODN3B0610AS	W607267	ODN3B0630AS	W607274	ODN3B06100AS	W607281	ODN3B06300AS
10	W607261	ODN3B1010AS	W607268	ODN3B1030AS	W607275	ODN3B10100AS	W607282	ODN3B10300AS
16	W607262	ODN3B1610AS	W607269	ODN3B1630AS	W607276	ODN3B16100AS	W607283	ODN3B16300AS
20	W607263	ODN3B2010AS	W607270	ODN3B2030AS	W607277	ODN3B20100AS	W607284	ODN3B20300AS
25	W607264	ODN3B2510AS	W607271	ODN3B2530AS	W607278	ODN3B25100AS	W607285	ODN3B25300AS
32	W607265	ODN3B3210AS	W607272	ODN3B3230AS	W607279	ODN3B32100AS	W607286	ODN3B32300AS
40	W607266	ODN3B4010AS	W607273	ODN3B4030AS	W607280	ODN3B40100AS	W607287	ODN3B40300AS



ODN Electronic Combined RCCB/MCB Device , 10 kA 3 Pole 400/415V sensitivity(10,30,100,300) Type A Curve C

Rating	3 Pole 10mA		3 Pole 30mA		3 Pole 100mA		3 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W607176	ODN3C0610AH	W607183	ODN3C0610AH	W607190	ODN3C06100AH	W607197	ODN3C06300AH
10	W607177	ODN3C1010AH	W607184	ODN3C1010AH	W607191	ODN3C10100AH	W607198	ODN3C10300AH
16	W607178	ODN3C1010AH	W607185	ODN3C1010AH	W607192	ODN3C16100AH	W607199	ODN3C16300AH
20	W607179	ODN3C2010AH	W607186	ODN3C2010AH	W607193	ODN3C20100AH	W607200	ODN3C20300AH
25	W607180	ODN3C2510AH	W607187	ODN3C2510AH	W607194	ODN3C25100AH	W607201	ODN3C25300AH
32	W607181	ODN3C3210AH	W607188	ODN3C3210AH	W607195	ODN3C32100AH	W607202	ODN3C32300AH
40	W607182	ODN3C4010AH	W607189	ODN3C4010AH	W607196	ODN3C40100AH	W607203	ODN3C40300AH

ODN Electronic Combined RCCB/MCB Device , 6 kA 3 Pole 400/415V sensitivity(10,30,100,300) Type A Curve C

Rating	3 Pole 10mA		3 Pole 30mA		3 Pole 100mA		3 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W607204	ODN3C0610AS	W607211	ODN3C0630AS	W607218	ODN3C06100AS	W607225	ODN3C06300AS
10	W607205	ODN3C1010AS	W607212	ODN3C1030AS	W607219	ODN3C10100AS	W607226	ODN3C10300AS
16	W607206	ODN3C1610AS	W607213	ODN3C1630AS	W607220	ODN3C16100AS	W607227	ODN3C16300AS
20	W607207	ODN3C2010AS	W607214	ODN3C2030AS	W607221	ODN3C20100AS	W607228	ODN3C20300AS
25	W607208	ODN3C2510AS	W607215	ODN3C2530AS	W607222	ODN3C25100AS	W607229	ODN3C25300AS
32	W607209	ODN3C3210AS	W607216	ODN3C3230AS	W607223	ODN3C32100AS	W607230	ODN3C32300AS
40	W607210	ODN3C4010AS	W607217	ODN3C4030AS	W607224	ODN3C40100AS	W607231	ODN3C40300AS

ODN Electronic Combined RCCB/MCB Device , 10 kA 3 Pole 400/415V sensitivity(10,30,100,300) Type A Curve D

Rating	3 Pole 10mA		3 Pole 30mA		3 Pole 100mA		3 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W607288	ODN3D0610AH	W607295	ODN3D0630AH	W607302	ODN3D06100AH	W607309	ODN3D06300AH
10	W607289	ODN3D1010AH	W607296	ODN3D1030AH	W607303	ODN3D10100AH	W607310	ODN3D10300AH
16	W607290	ODN3D1010AH	W607297	ODN3D1630AH	W607304	ODN3D16100AH	W607311	ODN3D16300AH
20	W607291	ODN3D2010AH	W607298	ODN3D2030AH	W607305	ODN3D20100AH	W607312	ODN3D20300AH
25	W607292	ODN3D2510AH	W607299	ODN3D2530AH	W607306	ODN3D25100AH	W607313	ODN3D25300AH
32	W607293	ODN3D3210AH	W607300	ODN3D3230AH	W607307	ODN3D32100AH	W607314	ODN3D32300AH
40	W607294	ODN3D4010AH	W607301	ODN3D4030AH	W607308	ODN3D40100AH	W607315	ODN3D40300AH

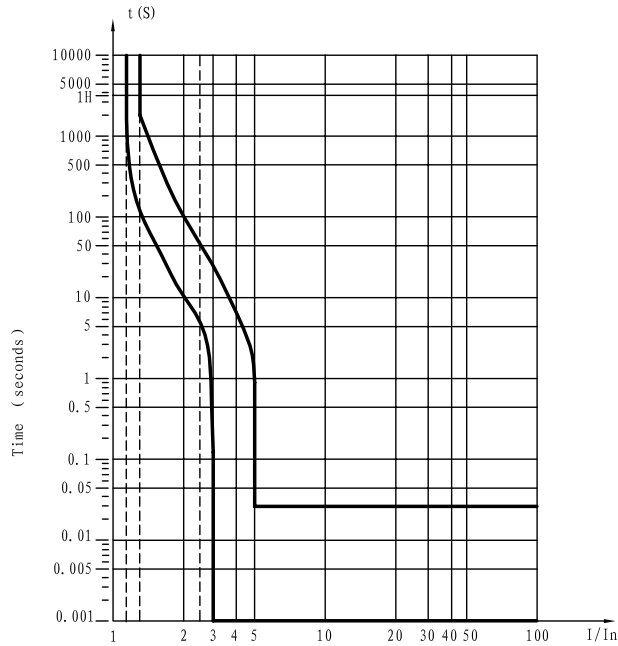
ODN Electronic Combined RCCB/MCB Device , 6 kA 3 Pole 400/415V sensitivity(10,30,100,300) Type A Curve D

Rating	3 Pole 10mA		3 Pole 30mA		3 Pole 100mA		3 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W607316	ODN3D0610AS	W607323	ODN3D0630AS	W607330	ODN3D06100AS	W607337	ODN3D06300AS
10	W607317	ODN3D1010AS	W607324	ODN3D1030AS	W607331	ODN3D10100AS	W607338	ODN3D10300AS
16	W607318	ODN3D1610AS	W607325	ODN3D1630AS	W607332	ODN3D16100AS	W607339	ODN3D16300AS
20	W607319	ODN3D2010AS	W607326	ODN3D2030AS	W607333	ODN3D20100AS	W607340	ODN3D20300AS
25	W607320	ODN3D2510AS	W607327	ODN3D2530AS	W607334	ODN3D25100AS	W607341	ODN3D25300AS
32	W607321	ODN3D3210AS	W607328	ODN3D3230AS	W607335	ODN3D32100AS	W607342	ODN3D32300AS
40	W607322	ODN3D4010AS	W607329	ODN3D4030AS	W607336	ODN3D40100AS	W607343	ODN3D40300AS

RCBO TYPE ODN (3+N)

DIN-Rail RCBO IEC/EN 61009-1, 10kA, 6kA 400/415V

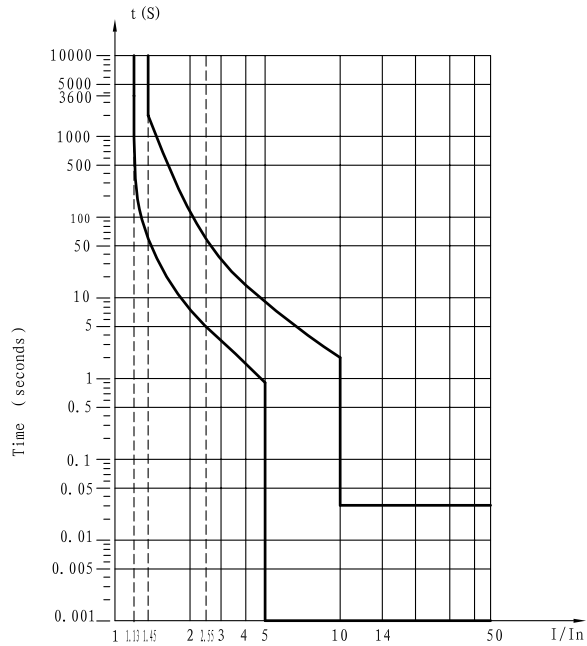
B Curve Characteristics



Multiple of rated current

Multiple of rated current	1.13	1.45	2.55	3	5	10	14
Minimum Trip Time in sec	NO TRIP	60	9	3.5	0.101	-	-
Maximum Trip Time in sec	NO TRIP	2000	60	35	9	0.099	0.099

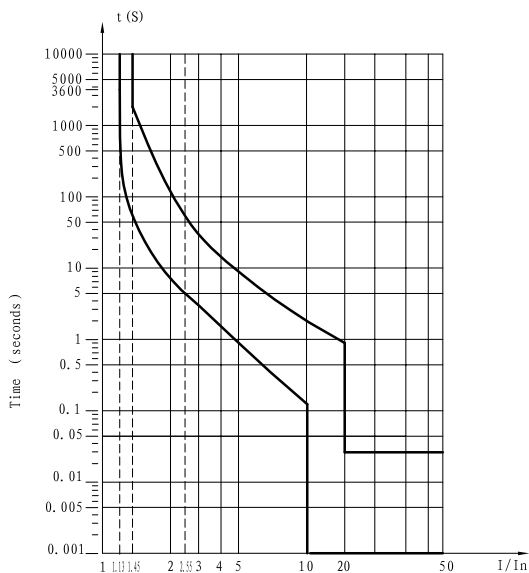
C Curve Characteristics



Multiple of rated current

Multiple of rated current	1.13	1.45	2.55	3	5	10	14
Minimum Trip Time in sec	NO TRIP	60	6	0.101	-	-	-
Maximum Trip Time in sec	NO TRIP	2000	60	25	0.099	0.099	0.099

D Curve Characteristics



Multiple of rated current

Multiple of rated current	1.13	1.45	2.55	3	5	10	14
Minimum Trip Time in sec	No Trip	60	6	3.5	0.9	0.101	-
Maximum Trip Time in sec	No Trip	2000	60	35	9	9	2



RCBO TYPE RDN (1+N)

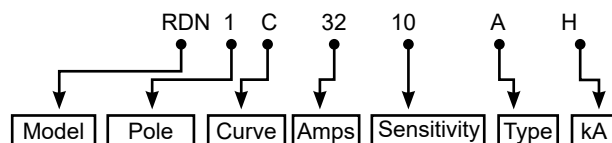
IEC/EN 61009-1

Type AC

Type A

10000
3

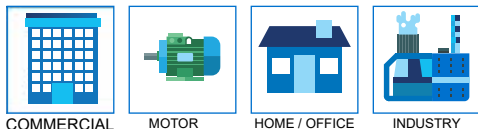
6000
3



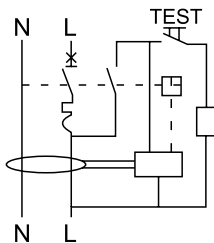
Technical Data

Thermal setting I_n	(A) 6-40
Residual Current $I_{\Delta n}$	(mA) 10,30,100,300
Tripping characteristic	C
Rated voltage AC U_n	(V) 240
Mechanical/electrical endurance	10000/2000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1+N
Weight (g)	250

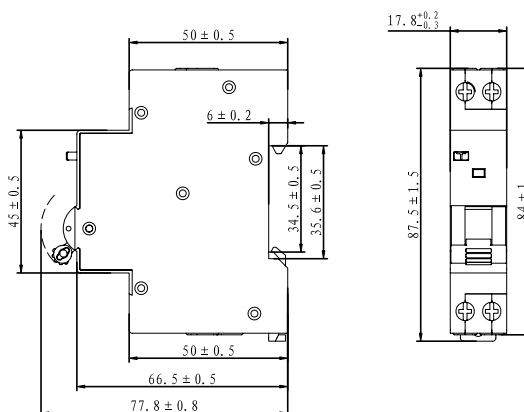
Application



Marking



Dimension



Short-circuit capacity

AC acc. to EN/IEC 61009-1

Residual making and breaking capacity	$I_{\Delta m}$ =6000A
Energy limiting class	3
Short-circuit capacity	I_{cn} =10000A at 240V for H I_{cn} =6000A at 240V For S

RDN Electronic Combined RCBO/MCB Device , 10 kA 1Pole 240V sensitivity(10,30,100,300) Type AC Curve C


Rating	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W600970	RDN1C0610H	W600977	RDN1C0630H	W600984	RDN1C06100H	W600991	RDN1C06300H
10	W600971	RDN1C1010H	W600978	RDN1C1030H	W600985	RDN1C10100H	W600992	RDN1C10300H
16	W600972	RDN1C1610H	W600979	RDN1C1630H	W600986	RDN1C16100H	W600993	RDN1C16300H
20	W600973	RDN1C2010H	W600980	RDN1C2030H	W600987	RDN1C20100H	W600994	RDN1C20300H
25	W600974	RDN1C2510H	W600981	RDN1C2530H	W600988	RDN1C25100H	W600995	RDN1C25300H
32	W600975	RDN1C3210H	W600982	RDN1C3230H	W600989	RDN1C32100H	W600996	RDN1C32300H
40	W600976	RDN1C4010H	W600983	RDN1C4030H	W600990	RDN1C40100H	W600997	RDN1C40300H

RDN Electronic Combined RCBO/MCB Device , 6 kA 1 Pole 240V sensitivity(10,30,100,300) Type AC Curve C

Rating	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W600998	RDN1C0610S	W601005	RDN1C0630S	W601012	RDN1C06100S	W601019	RDN1C06300S
10	W600999	RDN1C1010S	W601006	RDN1C1030S	W601013	RDN1C10100S	W601020	RDN1C10300S
16	W601000	RDN1C1610S	W601007	RDN1C1630S	W601014	RDN1C16100S	W601021	RDN1C16300S
20	W601001	RDN1C2010S	W601008	RDN1C2030S	W601015	RDN1C20100S	W601022	RDN1C20300S
25	W601002	RDN1C2510S	W601009	RDN1C2530S	W601016	RDN1C25100S	W601023	RDN1C25300S
32	W601003	RDN1C3210S	W601010	RDN1C3230S	W601017	RDN1C32100S	W601024	RDN1C32300S
40	W601004	RDN1C4010S	W601011	RDN1C4030S	W601018	RDN1C40100S	W601025	RDN1C40300S

RDN Electronic Combined RCBO/MCB Device , 10 kA 1Pole 240V sensitivity(10,30,100,300) Type A Curve C

Rating	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W608933	RDN1C0610AH	W608940	RDN1C0630AH	W608947	RDN1C06100AH	W608954	RDN1C06300AH
10	W608934	RDN1C1010AH	W608941	RDN1C1030AH	W608948	RDN1C10100AH	W608955	RDN1C10300AH
16	W608935	RDN1C1610AH	W608942	RDN1C1630AH	W608949	RDN1C16100AH	W608956	RDN1C16300AH
20	W608936	RDN1C2010AH	W608943	RDN1C2030AH	W608950	RDN1C20100AH	W608957	RDN1C20300AH
25	W608937	RDN1C2510AH	W608944	RDN1C2530AH	W608951	RDN1C25100AH	W608958	RDN1C25300AH
32	W608938	RDN1C3210AH	W608945	RDN1C3230AH	W608952	RDN1C32100AH	W608959	RDN1C32300AH
40	W608939	RDN1C4010AH	W608946	RDN1C4030AH	W608953	RDN1C40100AH	W608960	RDN1C40300AH

RDN Electronic Combined RCBO/MCB Device , 6 kA 1 Pole 240V sensitivity(10,30,100,300) Type A Curve C

Rating	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W608961	RDN1C0610AS	W608968	RDN1C0630AS	W608975	RDN1C06100AS	W608982	RDN1C06300AS
10	W608962	RDN1C1010AS	W608969	RDN1C1030AS	W608976	RDN1C10100AS	W608983	RDN1C10300AS
16	W608963	RDN1C1610AS	W608970	RDN1C1630AS	W608977	RDN1C16100AS	W608984	RDN1C16300AS
20	W608964	RDN1C2010AS	W608971	RDN1C2030AS	W608978	RDN1C20100AS	W608985	RDN1C20300AS
25	W608965	RDN1C2510AS	W608972	RDN1C2530AS	W608979	RDN1C25100AS	W608986	RDN1C25300AS
32	W608966	RDN1C3210AS	W608973	RDN1C3230AS	W608980	RDN1C32100AS	W608987	RDN1C32300AS
40	W608967	RDN1C4010AS	W608974	RDN1C4030AS	W608981	RDN1C40100AS	W608988	RDN1C40300AS



Residual Current Operated Circuit Breaker with Over Current Protection

RCBO TYPE CNO

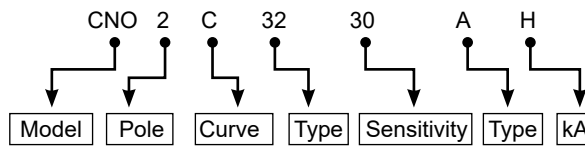
IEC/EN 61009-1

Type AC

Type A

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3

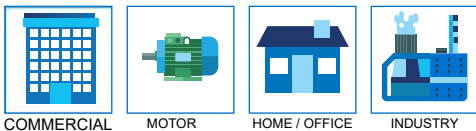
6000
3



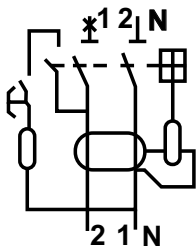
Technical Data

Thermal setting I_n	(A) 6-40
Residual Current $I_{\Delta n}$	(mA) 10,30,100,300
Rated voltage AC U_n	(V) 240
Mechanical/electrical endurance	10000/2000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 16
Poles	1+N
Weight (g)	220

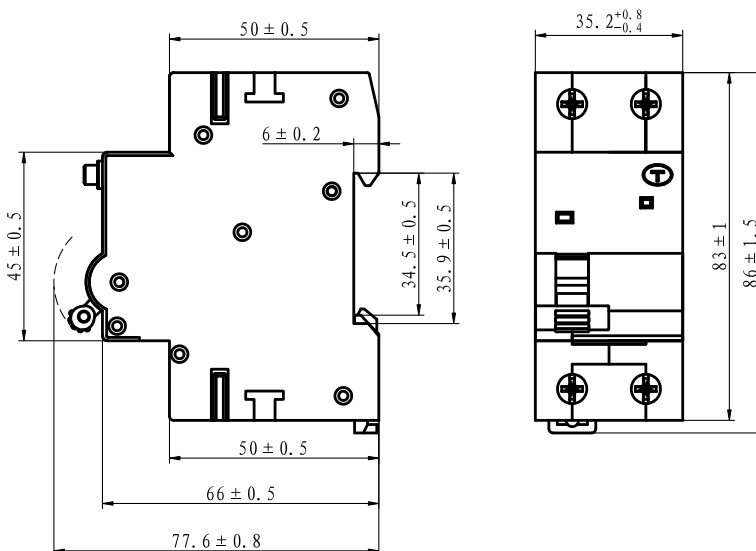
Application



Marking



Dimension



RCBO TYPE CNO

RCBO's Residual Current Operated Circuit Breaker 6kA, 10kA IEC/EN61009-1 with Over Current Protection Type AC

Rating	2 Pole 10mA		2 Pole 30mA		2 Pole 100mA		2 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
CNO 2Pole 6kA, IEC/EN61009-1 Residual Current Circuit Breakers, Type AC Curve C .								
6	W609425	CNO2C0610S	W609426	CNO2C0630S	W609427	CNO2C06100S	W609428	CNO2C06300S
10	W605954	CNO2C1010S	W605955	CNO2C1030S	W605956	CNO2C10100S	W605957	CNO2C10300S
16	W601084	CNO2C1610S	W601089	CNO2C1630S	W601094	CNO2C16100S	W601099	CNO2C16300S
20	W601085	CNO2C2010S	W601090	CNO2C2030S	W601095	CNO2C20100S	W601100	CNO2C20300S
25	W601086	CNO2C2510S	W601091	CNO2C2530S	W601096	CNO2C25100S	W601101	CNO2C25300S
32	W601087	CNO2C3210S	W601092	CNO2C3230S	W601097	CNO2C32100S	W601102	CNO2C32300S
40	W601088	CNO2C4010S	W601093	CNO2C4030S	W601098	CNO2C40100S	W601103	CNO2C40300S
CNO 2Pole 10kA, IEC/EN61009-1 Residual Current Circuit Breakers, Type AC Curve C .								
6	W609429	CNO2C0610H	W609430	CNO2C0630H	W609431	CNO2C06100H	W609432	CNO2C06300H
10	W605958	CNO2C1010H	W605959	CNO2C1030H	W605960	CNO2C10100H	W605961	CNO2C10300H
16	W605643	CNO2C1610H	W605648	CNO2C1630H	W605653	CNO2C16100H	W605658	CNO2C16300H
20	W605644	CNO2C2010H	W605649	CNO2C2030H	W605654	CNO2C20100H	W605659	CNO2C20300H
25	W605645	CNO2C2510H	W605650	CNO2C2530H	W605655	CNO2C25100H	W605660	CNO2C25300H
32	W605646	CNO2C3210H	W605651	CNO2C3230H	W605656	CNO2C32100H	W605661	CNO2C32300H
40	W605647	CNO2C4010H	W605652	CNO2C4030H	W605657	CNO2C40100H	W605662	CNO2C40300H
CNO 2Pole 6kA, IEC/EN61009-1 Residual Current Circuit Breakers, Type AC Curve B.								
6	W609433	CNO2B0610S	W609434	CNO2B0630S	W609435	CNO2B06100S	W609436	CNO2B06300S
10	W606862	CNO2B1010S	W606868	CNO2B1030S	W606874	CNO2B10100S	W606880	CNO2B10300S
16	W606863	CNO2B1610S	W606869	CNO2B1630S	W606875	CNO2B16100S	W606881	CNO2B16300S
20	W606864	CNO2B2010S	W606870	CNO2B2030S	W606876	CNO2B20100S	W606882	CNO2B20300S
25	W606865	CNO2B2510S	W606871	CNO2B2530S	W606877	CNO2B25100S	W606883	CNO2B25300S
32	W606866	CNO2B3210S	W606872	CNO2B3230S	W606878	CNO2B32100S	W606884	CNO2B32300S
40	W606867	CNO2B4010S	W606873	CNO2B4030S	W606879	CNO2B40100S	W606885	CNO2B40300S
CNO 2Pole 10kA, IEC/EN61009-1 Residual Current Circuit Breakers, Type AC Curve B.								
6	W609437	CNO2B0610H	W609438	CNO2B0630H	W609439	CNO2B06100H	W609440	CNO2B06300H
10	W606886	CNO2B1010H	W606892	CNO2B1030H	W606898	CNO2B10100H	W606904	CNO2B10300H
16	W606887	CNO2B1610H	W606893	CNO2B1630H	W606899	CNO2B16100H	W606905	CNO2B16300H
20	W606888	CNO2B2010H	W606894	CNO2B2030H	W606900	CNO2B20100H	W606906	CNO2B20300H
25	W606889	CNO2B2510H	W606895	CNO2B2530H	W606901	CNO2B25100H	W606907	CNO2B25300H
32	W606890	CNO2B3210H	W606896	CNO2B3230H	W606902	CNO2B32100H	W606908	CNO2B32300H
40	W606891	CNO2B4010H	W606897	CNO2B4030H	W606903	CNO2B40100H	W606909	CNO2B40300H

RCBO TYPE CNO

RCBO's Residual Current Operated Circuit Breaker 6kA, 10kA IEC/EN61009-1 with Over Current Protection Type AC

1

Residential Products

Rating	2 Pole 10mA		2 Pole 30mA		2 Pole 100mA		2 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.

CNO 2Pole 6kA, IEC/EN61009-1 Residual Current Circuit Breakers, Type A Curve C.

6	W609441	CNO2C0610SA	W609442	CNO2C0630SA	W609443	CNO2C06100SA	W609444	CNO2C06300SA
10	W606910	CNO2C1010SA	W606916	CNO2C1010SA	W606922	CNO2C10100SA	W606928	CNO2C10300SA
16	W606911	CNO2C1610SA	W606917	CNO2C1610SA	W606923	CNO2C16100SA	W606929	CNO2C16300SA
20	W606912	CNO2C2010SA	W606918	CNO2C2010SA	W606924	CNO2C20100SA	W606930	CNO2C20300SA
25	W606913	CNO2C2510SA	W606919	CNO2C2510SA	W606925	CNO2C25100SA	W606931	CNO2C25300SA
32	W606914	CNO2C3210SA	W606920	CNO2C3210SA	W606926	CNO2C32100SA	W606932	CNO2C32300SA
40	W606915	CNO2C4010SA	W606921	CNO2C4010SA	W606927	CNO2C40100SA	W606933	CNO2C40300SA

CNO 2Pole 10kA, IEC/EN61009-1 Residual Current Circuit Breakers, Type A Curve C.

6	W609445	CNO2C0610HA	W609446	CNO2C0630HA	W609447	CNO2C06100HA	W609448	CNO2C06300HA
10	W606934	CNO2C1010HA	W606940	CNO2C1030HA	W606946	CNO2C10100HA	W606952	CNO2C10300HA
16	W606935	CNO2C1610HA	W606941	CNO2C1630HA	W606947	CNO2C16100HA	W606953	CNO2C16300HA
20	W606936	CNO2C2010HA	W606942	CNO2C2030HA	W606948	CNO2C20100HA	W606954	CNO2C20300HA
25	W606937	CNO2C2510HA	W606943	CNO2C2530HA	W606949	CNO2C25100HA	W606955	CNO2C25300HA
32	W606938	CNO2C3210HA	W606944	CNO2C3230HA	W606950	CNO2C32100HA	W606956	CNO2C32300HA
40	W606939	CNO2C4010HA	W606945	CNO2C4030HA	W606951	CNO2C40100HA	W606957	CNO2C40300HA

CNO 2Pole 6kA, IEC/EN61009-1 Residual Current Circuit Breakers, Type A Curve B.

6	W609449	CNO2B0610SA	W609450	CNO2B0630SA	W609451	CNO2B06100SA	W609452	CNO2B06300SA
10	W606958	CNO2B1010SA	W606964	CNO2B1030SA	W606970	CNO2B10100SA	W606976	CNO2B10300SA
16	W606959	CNO2B1610SA	W606965	CNO2B1630SA	W606971	CNO2B16100SA	W606977	CNO2B16300SA
20	W606960	CNO2B2010SA	W606966	CNO2B2030SA	W606972	CNO2B20100SA	W606978	CNO2B20300SA
25	W606961	CNO2B2510SA	W606967	CNO2B2530SA	W606973	CNO2B25100SA	W606979	CNO2B25300SA
32	W606962	CNO2B3210SA	W606968	CNO2B3230SA	W606974	CNO2B32100SA	W606980	CNO2B32300SA
40	W606963	CNO2B4010SA	W606969	CNO2B4030SA	W606975	CNO2B40100SA	W606981	CNO2B40300SA

CNO 2Pole 10kA, IEC/EN61009-1 Residual Current Circuit Breakers, Type A Curve B.

6	W609453	CNO2B0610HA	W609454	CNO2B0630HA	W609455	CNO2B06100HA	W609456	CNO2B06300HA
10	W606982	CNO2B1010HA	W606988	CNO2B1030HA	W606994	CNO2B10100HA	W607000	CNO2B10300HA
16	W606983	CNO2B1610HA	W606989	CNO2B1630HA	W606995	CNO2B16100HA	W607001	CNO2B16300HA
20	W606984	CNO2B2010HA	W606990	CNO2B2030HA	W606996	CNO2B20100HA	W607002	CNO2B20300HA
25	W606985	CNO2B2510HA	W606991	CNO2B2530HA	W606997	CNO2B25100HA	W607003	CNO2B25300HA
32	W606986	CNO2B3210HA	W606992	CNO2B3230HA	W606998	CNO2B32100HA	W607004	CNO2B32300HA
40	W606987	CNO2B4010HA	W606993	CNO2B4030HA	W606999	CNO2B40100HA	W607005	CNO2B40300HA

Residual Current Circuit Breakers

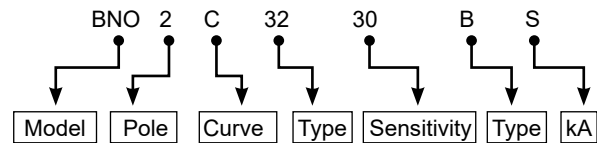
RCBO TYPE BNO

IEC/EN 61009-1

IEC/EN62423

Type B

6000
3



Function and Feature

BNO type B RCBO for which tripping is ensured as for type A and in addition for smooth D.C residual currents, residual D.C currents which may result from rectifying circuits and high frequency A.C residual currents

BNO type B tripping conditions for frequencies up to 1kHz are defined.

It provide:

Fault protection(Protection against indirect contact of live parts)

Additional protection(Protection in case of direct of live parts, $I_{\Delta n} \leq 30\text{mA}$)

Fire Protection(for locations exposed to fire hazard)

Handle can be locked with pad-lock to prevent unwanted operation for safety

35mm DIN rail mounting and screw mounting

Contact position indication

Technical Data

Leakage Current Type	B
Rated current(I_n)	6 - 40A
Rate voltage(U_n)	400/415VAC
Breaking capacity	6kA
Rated frequency	50/60Hz
Rated residual current	30, 100, 300 mA
Tripping characteristics	B,C
Number of Poles	1P+N, 3P+N
Electrical endurance	4000 cycles
Mechanical endurance	10000 cycles
Terminals	pillar type
Cable termination	25mm ²
Torque of screw	2.5Nm
IP degree	IP20
Standards	IEC/EN 61008-1 IEC/EN62423

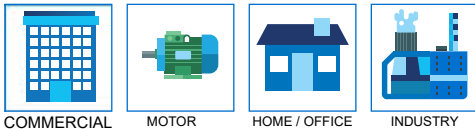
Applications

Which are vulnerable to smooth DC residual currents:

- Photovoltaic systems, AC side
- Charging stations for electric vehicles
- Variable speed machine tools
- UPS, computer data centres
- Elevator controls
- Cranes of all kinds
- Electronic equipment on construction sites
- Test set-ups in laboratories
- General installations where DC smooth direct residual currents can be expected
- EV Charger

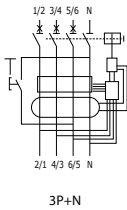
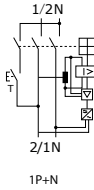


Application



Marking

CE

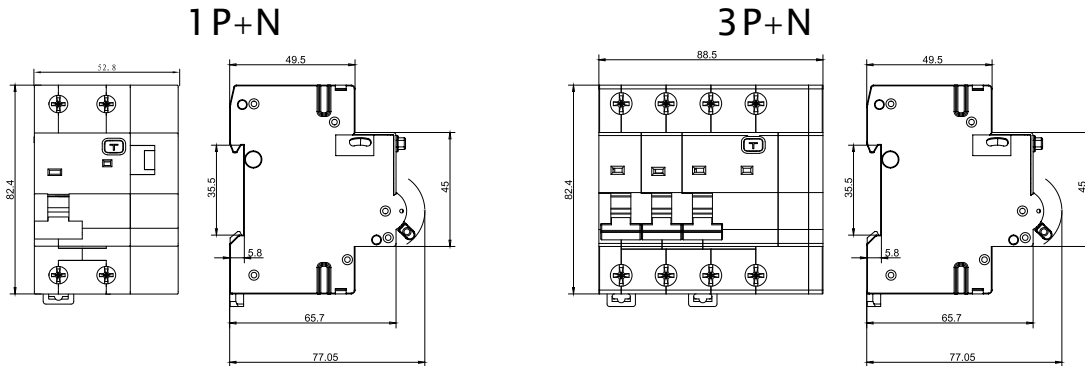

BNO 2 Pole 6kA, IEC/EN61009-1, IEC/EN62423 Residual Current Circuit Breakers, Type B Curve B,C.

Rating	2 Pole (1+N) 30mA			
	Curve B		Curve C	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6A	W610593	BNO2B0630BS	W610601	BNO2C0630BS
10A	W610594	BNO2B1030BS	W610602	BNO2C1030BS
13A	W610595	BNO2B1330BS	W610603	BNO2C1330BS
16A	W610596	BNO2B1630BS	W610604	BNO2C1630BS
20A	W610597	BNO2B2030BS	W610605	BNO2C2030BS
25A	W610598	BNO2B2530BS	W610606	BNO2C2530BS
32A	W610599	BNO2B3230BS	W610607	BNO2C3230BS
40A	W610600	BNO2B4030BS	W610608	BNO2C4030BS

BNO 4 Pole 6kA, IEC/EN61009-1, IEC/EN62423 Residual Current Circuit Breakers, Type B Curve B,C.

Rating	4 Pole (3+N) 30mA			
	Curve B		Curve C	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6A	W610609	BNO4B0630BS	W610617	BNO4C0630BS
10A	W610610	BNO4B1030BS	W610618	BNO4C1030BS
13A	W610611	BNO4B1330BS	W610619	BNO4C1330BS
16A	W610612	BNO4B1630BS	W610620	BNO4C1630BS
20A	W610613	BNO4B2030BS	W610621	BNO4C2030BS
25A	W610614	BNO4B2530BS	W610622	BNO4C2530BS
32A	W610615	BNO4B3230BS	W610623	BNO4C3230BS
40A	W610616	BNO4B4030BS	W610624	BNO4C4030BS

Dimension



Residual Current Circuit Breakers

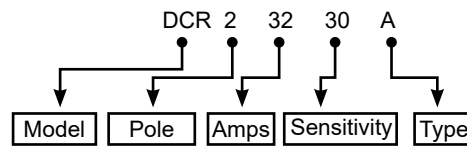
RCCB TYPE DCR



IEC/EN 61008-1

Type AC

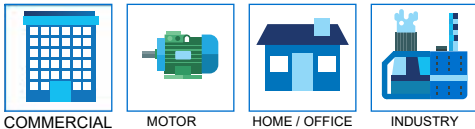
Type A



Technical Data

Thermal setting I_n	(A) 25-100
Residual Current $I_{\Delta n}$	(mA) 10, 30, 100, 300
Rated voltage AC U_n	(V) 240
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 35
Poles	1+N/3+N
Weight (g)	220/350

Application



Marking

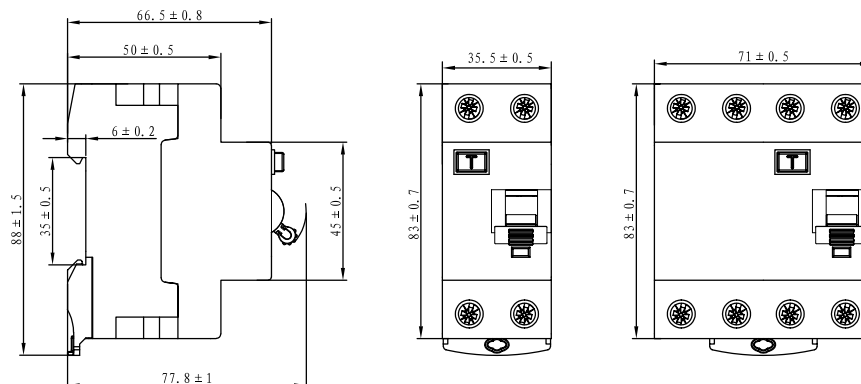


Short-circuit capacity

AC acc. to EN/IEC 61008-1

Residual making and breaking capacity
 $I_{\Delta m} = 500A$ from 16 up to 40A
 $I_{\Delta m} = 10I_n$ from 63 up to 100A

Dimension





Type DCR 2 Pole IEC/EN61008 Residual Current Circuit Breakers Type AC.

Rating	2 Pole 10mA		2 Pole 30mA		2 Pole 100mA		2 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
25	W609405	DCR22510	W601054	DCR22530	W601064	DCR225100	W601074	DCR225300
40	W609406	DCR24010	W601055	DCR24030	W601065	DCR240100	W601075	DCR240300
63	W609407	DCR26310	W601056	DCR26330	W601066	DCR263100	W601076	DCR263300
80	W609408	DCR28010	W601057	DCR28030	W601067	DCR280100	W601077	DCR280300
100	W609409	DCR210010	W601058	DCR210030	W601068	DCR2100100	W601078	DCR2100300

Type DCR 2 Pole IEC/EN61008 Residual Current Circuit Breakers Type A

Rating	2 Pole 10mA		2 Pole 30mA		2 Pole 100mA		2 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
25	W609410	DCR22510A	W608610	DCR22530A	W608620	DCR225100A	W608630	DCR225300A
40	W609411	DCR24010A	W608611	DCR24030A	W608621	DCR240100A	W608631	DCR240300A
63	W609412	DCR26310A	W608612	DCR26330A	W608622	DCR263100A	W608632	DCR263300A
80	W609413	DCR28010A	W608613	DCR28030A	W608623	DCR280100A	W608633	DCR280300A
100	W609414	DCR210010A	W608614	DCR210030A	W608624	DCR2100100A	W608634	DCR2100300A

Type DCR 4 Pole IEC/EN61008 Residual Current Circuit Breakers Type AC.

Rating	4 Pole 10mA		4 Pole 30mA		4 Pole 100mA		4 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
25	W609415	DCR42510	W601059	DCR42530	W601069	DCR425100	W601079	DCR425300
40	W609416	DCR44010	W601060	DCR44030	W601070	DCR440100	W601080	DCR440300
63	W609417	DCR46310	W601061	DCR46330	W601071	DCR463100	W601081	DCR463300
80	W609418	DCR48010	W601062	DCR48030	W601072	DCR480100	W601082	DCR480300
100	W609419	DCR410010	W601063	DCR410030	W601073	DCR4100100	W601083	DCR4100300

Type DCR 4 Pole IEC/EN61008 Residual Current Circuit Breakers Type A

Rating	4 Pole 10mA		4 Pole 30mA		4 Pole 100mA		4 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
25	W609420	DCR42510A	W608615	DCR42530A	W608625	DCR425100A	W608635	DCR425300A
40	W609421	DCR44010A	W608616	DCR44030A	W608626	DCR440100A	W608636	DCR440300A
63	W609422	DCR46310A	W608617	DCR46330A	W608627	DCR463100A	W608637	DCR463300A
80	W609423	DCR48010A	W608618	DCR48030A	W608628	DCR480100A	W608638	DCR480300A
100	W609424	DCR410010A	W608619	DCR410030A	W608629	DCR4100100A	W608639	DCR4100300A

Residual Current Circuit Breakers

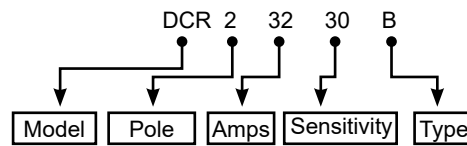
RCCB TYPE DCR



IEC/EN 61008-1

IEC/EN62423

Type B



Function and Feature

DCR type B RCCB for which tripping is ensured as or type A and in addition for smooth D.C residual currents, residual D.C currents which may result from rectifying circuits and high frequency A.C residual currents DCR type B tripping conditions for frequencies up to 1 kHz are defined.

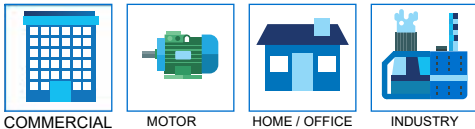
It provide:

- Protection in the event of continuous fault current on three-phase networks
- generated by:
- controllers and variable speed drives
- battery charges and inverters
- backed-up power supplies
- EV Chargers

Technical Data

Number of Poles	1P+N 3P+N
Standards	IEC/EN61008-1 , IEC/EN62423
Rated Voltage (Un)	230/240V 400/415V
Rated impulse voltage (Uimp)	4kV
Rated Frequency(f)	50/60Hz
Rated current(In)	25, 40, 63A
Rated residual operating current (IΔn)	30, 100, 300mA
Frequency response range (F)	0-1000Hz
Rated conditional short circuit current (Inc)	10kA
Rated making and breaking capacity	Im=630A
Rated residual making and breaking capacity	IΔm=630A
Max. backup fuse for short circuit current (Iv)	63A (In=25-40A) 63A(In=63A)
Terminal capacity(S)	1-36mm ²
Max. break time	≤40ms
mains connection	Either top or bottom
Ambiant temperature	-30°C + 45°C
Storage temperature	-30°C + 60°C
Tightening torque	3.0Nm

Application



Marking

CE



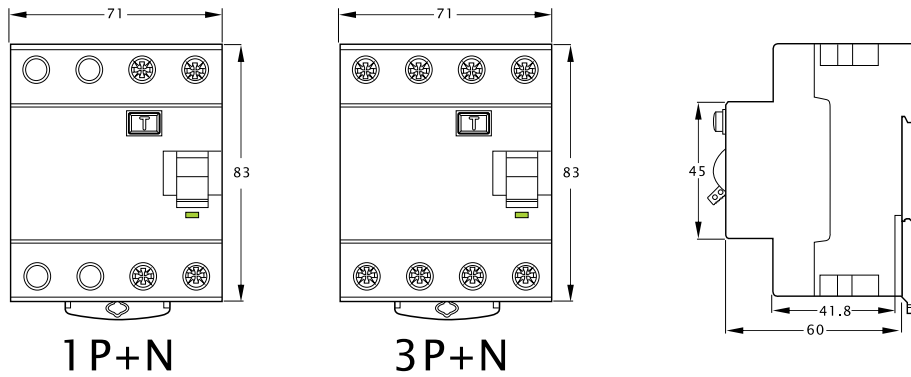
Type DCR 2 Pole IEC/EN61008-1, IEC/EN62423 Residual Current Circuit Breakers Type B.

Rating	2 Pole 30mA		2 Pole 100mA		2 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
25	W610571	DCR22530B	W610574	DCR225100B	W610577	DCR225300B
40	W610572	DCR24030B	W610575	DCR240100B	W610578	DCR240300B
63	W610573	DCR26330B	W610576	DCR263100B	W610579	DCR263300B

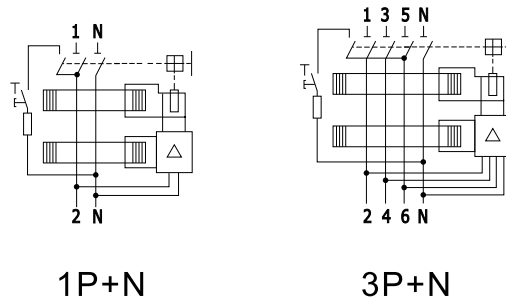
Type DCR 4 Pole IEC/EN61008-1, IEC/EN62423 Residual Current Circuit Breakers Type B.

Rating	4 Pole 30mA		4 Pole 100mA		4 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
25	W610580	DCR42530B	W610583	DCR425100B	W610586	DCR425300B
40	W610581	DCR44030B	W610584	DCR440100B	W610591	DCR440300B
63	W610582	DCR46330B	W610585	DCR463100B	W610592	DCR463300B

Dimension



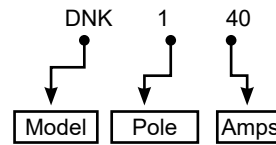
Diagram





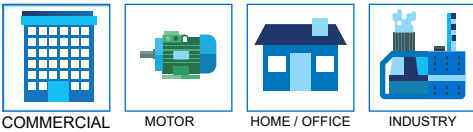
ISOLATOR TYPE DNK

IEC/EN 60947-3



1 Residential Products

Application



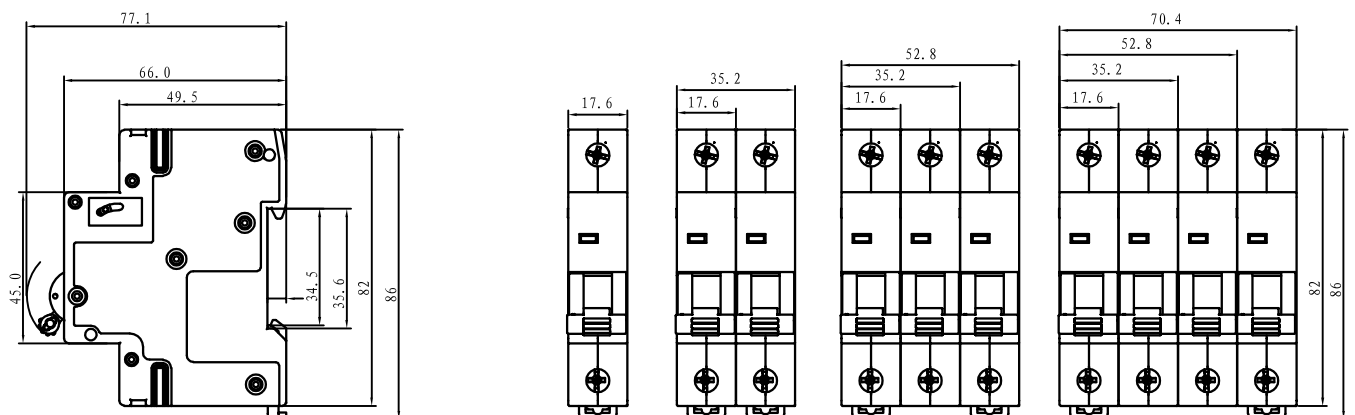
Technical Data

Thermal setting In	(A) 6-125
Rated voltage AC Un	(V) 240V/415V
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 50
Poles	1,2,3,4
Weight (g/pole)	120

Marking



Dimension





TYPE DNK IEC/EN 60947-3 ISOLATOR

Rating	1 Pole		2 Pole		3 Pole		4 Pole	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W608989	DNK106	W608991	DNK206	W608993	DNK306	W608995	DNK406
10	W608990	DNK110	W608992	DNK210	W608994	DNK310	W608996	DNK410
16	W601026	DNK116	W601034	DNK216	W607573	DNK316	W607576	DNK416
20	W607550	DNK120	W607552	DNK220	W607575	DNK320	W607577	DNK420
25	W601027	DNK125	W601035	DNK225	W607574	DNK325	W607578	DNK425
32	W601028	DNK132	W601036	DNK232	W601042	DNK332	W601048	DNK432
40	W601029	DNK140	W601037	DNK240	W601043	DNK340	W601049	DNK440
63	W601030	DNK163	W601038	DNK263	W601044	DNK363	W601050	DNK463
80	W601031	DNK180	W601039	DNK280	W601045	DNK380	W601051	DNK480
100	W601032	DNK1100	W601040	DNK2100	W601046	DNK3100	W601052	DNK4100
125	W601033	DNK1125	W601041	DNK2125	W601047	DNK3125	W601053	DNK4125

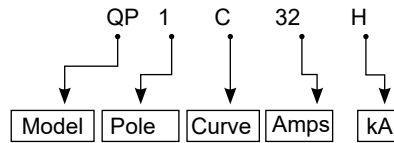


Miniature Circuit Breakers

MCB Type QP Plug in

IEC/EN 60898-1

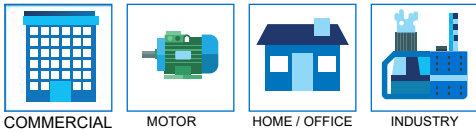
10000
3
6000
3



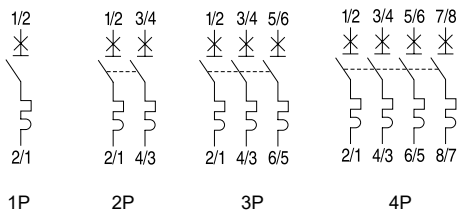
Technical Data

Thermal setting I_n	(A) 2-63
Rated voltage AC Un	(V) 240/415
Rated Insulation Voltage U_i	(V) 500
Rated impulse withstand voltage U_{imp}	(kV) 4
Tripping characteristics	B, C, D
Energy limiting class	3
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1, 2, 3, 4
Degree Of Protection	IP20
Weight (g/pole)	120

Application



Marking



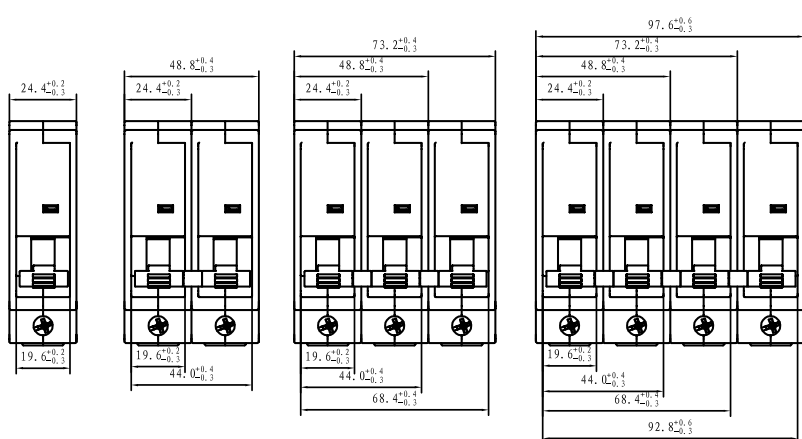
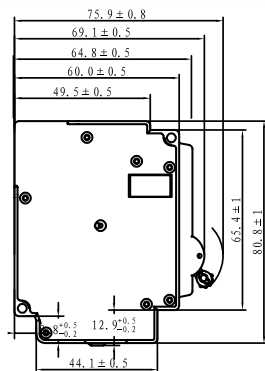
Short-circuit capacity

AC acc. to EN/IEC 60898-1

Type	Poles	Volts	I_{cn} (kA)
QP* *H	1-4	230/415	10 kA ⁽¹⁾
QP* *S	1-4	230/415	6 kA

(1) $I_{cs}=75\%I_{cn}$

Dimension



1 Pole


MCB QP Plug in Type IEC/EN 60898-1 Circuit Breakers. 10kA (240V)

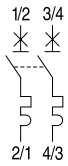
Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W608997	QP1B02H	W608999	QP1C02H	W609001	QP1D02H
4	W608998	QP1B04H	W609000	QP1C04H	W609002	QP1D04H
6	W600072	QP1B06H	W600000	QP1C06H	W608692	QP1D06H
10	W600073	QP1B10H	W600001	QP1C10H	W608693	QP1D10H
16	W600074	QP1B16H	W600002	QP1C16H	W608694	QP1D16H
20	W600075	QP1B20H	W600003	QP1C20H	W608695	QP1D20H
25	W600076	QP1B25H	W600004	QP1C25H	W608696	QP1D25H
32	W600077	QP1B32H	W600005	QP1C32H	W608697	QP1D32H
40	W600078	QP1B40H	W600006	QP1C40H	W608698	QP1D40H
50	W600079	QP1B50H	W600007	QP1C50H	W608699	QP1D50H
63	W600080	QP1B63H	W600008	QP1C63H	W608700	QP1D63H

1 Pole


MCB QP Plug in Type IEC/EN 60898-1 Circuit Breakers. 6kA (240V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609003	QP1B02S	W609005	QP1C02S	W609007	QP1D02S
4	W609004	QP1B04S	W609006	QP1C04S	W609008	QP1D04S
6	W600108	QP1B06S	W600036	QP1C06S	W608728	QP1D06S
10	W600109	QP1B10S	W600037	QP1C10S	W608729	QP1D10S
16	W600110	QP1B16S	W600038	QP1C16S	W608730	QP1D16S
20	W600111	QP1B20S	W600039	QP1C20S	W608731	QP1D20S
25	W600112	QP1B25S	W600040	QP1C25S	W608732	QP1D25S
32	W600113	QP1B32S	W600041	QP1C32S	W608733	QP1D32S
40	W600114	QP1B40S	W600042	QP1C40S	W608734	QP1D40S
50	W600115	QP1B50S	W600043	QP1C50S	W608735	QP1D50S
63	W600116	QP1B63S	W600044	QP1C63S	W608736	QP1D63S

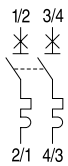
2 Pole



MCB QP Plug in Type IEC/EN 60898-1 Circuit Breakers. 10kA (240V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609009	QP4B02H	W609011	QP4C02H	W609013	QP4D02H
4	W609010	QP4B04H	W609012	QP4C04H	W609014	QP4D04H
6	W600081	QP4B06H	W600009	QP4C06H	W608701	QP4D06H
10	W600082	QP4B10H	W600010	QP4C10H	W608702	QP4D10H
16	W600083	QP4B16H	W600011	QP4C16H	W608703	QP4D16H
20	W600084	QP4B20H	W600012	QP4C20H	W608704	QP4D20H
25	W600085	QP4B25H	W600013	QP4C25H	W608705	QP4D25H
32	W600086	QP4B32H	W600014	QP4C32H	W608706	QP4D32H
40	W600087	QP4B40H	W600015	QP4C40H	W608707	QP4D40H
50	W600088	QP4B50H	W600016	QP4C50H	W608708	QP4D50H
63	W600089	QP4B63H	W600017	QP4C63H	W608709	QP4D63H

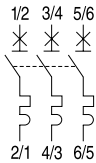
2 Pole



MCB QP Plug in Type IEC/EN 60898-1 Circuit Breakers. 6kA (240V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609015	QP4B02S	W609017	QP4C02S	W609019	QP4D02S
4	W609016	QP4B04S	W609018	QP4C04S	W609020	QP4D04S
6	W600117	QP4B06S	W600045	QP4C06S	W608719	QP4D06S
10	W600118	QP4B10S	W600046	QP4C10S	W608720	QP4D10S
16	W600119	QP4B16S	W600047	QP4C16S	W608721	QP4D16S
20	W600120	QP4B20S	W600048	QP4C20S	W608722	QP4D20S
25	W600121	QP4B25S	W600049	QP4C25S	W608723	QP4D25S
32	W600122	QP4B32S	W600050	QP4C32S	W608724	QP4D32S
40	W600123	QP4B40S	W600051	QP4C40S	W608725	QP4D40S
50	W600124	QP4B50S	W600052	QP4C50S	W608726	QP4D50S
63	W600125	QP4B63S	W600053	QP4C63S	W608727	QP4D63S

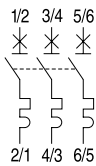
3 Pole



MCB QP Plug in Type IEC/EN 60898-1 Circuit Breakers. 10kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609021	QP3B02H	W609023	QP3C02H	W609025	QP3D02H
4	W609022	QP3B04H	W609024	QP3C04H	W609026	QP3D04H
6	W600090	QP3B06H	W600018	QP3C06H	W608710	QP3D06H
10	W600091	QP3B10H	W600019	QP3C10H	W608711	QP3D10H
16	W600092	QP3B16H	W600020	QP3C16H	W608712	QP3D16H
20	W600093	QP3B20H	W600021	QP3C20H	W608713	QP3D20H
25	W600094	QP3B25H	W600022	QP3C25H	W608714	QP3D25H
32	W600095	QP3B32H	W600023	QP3C32H	W608715	QP3D32H
40	W600096	QP3B40H	W600024	QP3C40H	W608716	QP3D40H
50	W600097	QP3B50H	W600025	QP3C50H	W608717	QP3D50H
63	W600098	QP3B63H	W600026	QP3C63H	W608718	QP3D63H

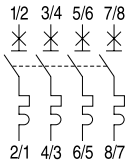
3 Pole



MCB QP Plug in Type IEC/EN 60898-1 Circuit Breakers. 6kA (240V/415V)

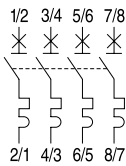
Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609027	QP3B02S	W609029	QP3C02S	W609031	QP3D02S
4	W609028	QP3B04S	W609030	QP3C04S	W609032	QP3D04S
6	W600126	QP3B06S	W600054	QP3C06S	W608746	QP3D06S
10	W600127	QP3B10S	W600055	QP3C10S	W608747	QP3D10S
16	W600128	QP3B16S	W600056	QP3C16S	W608748	QP3D16S
20	W600129	QP3B20S	W600057	QP3C20S	W608749	QP3D20S
25	W600130	QP3B25S	W600058	QP3C25S	W608750	QP3D25S
32	W600131	QP3B32S	W600059	QP3C32S	W608751	QP3D32S
40	W600132	QP3B40S	W600060	QP3C40S	W608752	QP3D40S
50	W600133	QP3B50S	W600061	QP3C50S	W608753	QP3D50S
63	W600134	QP3B63S	W600062	QP3C63S	W608754	QP3D63S

4 Pole


MCB QP Plug in Type IEC/EN 60898-1 Circuit Breakers. 10kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609033	QP4B02H	W609035	QP4C02H	W609037	QP4D02H
4	W609034	QP4B04H	W609036	QP4C04H	W609038	QP4D04H
6	W600099	QP4B06H	W600027	QP4C06H	W608719	QP4D06H
10	W600100	QP4B10H	W600028	QP4C10H	W608720	QP4D10H
16	W600101	QP4B16H	W600029	QP4C16H	W608721	QP4D16H
20	W600102	QP4B20H	W600030	QP4C20H	W608722	QP4D20H
25	W600103	QP4B25H	W600031	QP4C25H	W608723	QP4D25H
32	W600104	QP4B32H	W600032	QP4C32H	W608724	QP4D32H
40	W600105	QP4B40H	W600033	QP4C40H	W608725	QP4D40H
50	W600106	QP4B50H	W600034	QP4C50H	W608726	QP4D50H
63	W600107	QP4B63H	W600035	QP4C63H	W608727	QP4D63H

4 Pole


MCB QP Plug in Type IEC/EN 60898-1 Circuit Breakers. 6kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609039	QP4B02S	W609041	QP4C02S	W609043	QP4D02S
4	W609040	QP4B04S	W609042	QP4C04S	W609044	QP4D04S
6	W600135	QP4B06S	W600063	QP4C06S	W608755	QP4D06S
10	W600136	QP4B10S	W600064	QP4C10S	W608756	QP4D10S
16	W600137	QP4B16S	W600065	QP4C16S	W608757	QP4D16S
20	W600138	QP4B20S	W600066	QP4C20S	W608758	QP4D20S
25	W600139	QP4B25S	W600067	QP4C25S	W608759	QP4D25S
32	W600140	QP4B32S	W600068	QP4C32S	W608760	QP4D32S
40	W600141	QP4B40S	W600069	QP4C40S	W608761	QP4D40S
50	W600142	QP4B50S	W600070	QP4C50S	W608762	QP4D50S
63	W600143	QP4B63S	W600071	QP4C63S	W608763	QP4D63S

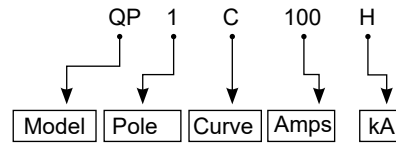
Miniature Circuit Breakers

MCB Type QP Plug in (80-125A)



IEC/EN 60947-2 10 kA
IEC/EN 60898-1 6 kA

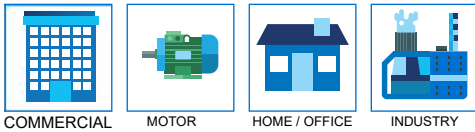
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6000
3



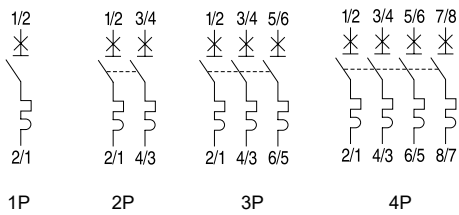
Technical Data

Thermal setting I_n	(A) 63-125
Rated voltage AC U_n	(V) 240/415
Rated Insulation Voltage U_i	(V) 500
Rated impulse withstand voltage U_{imp}	(kV) 4
Tripping characteristics	C
Energy limiting class	3
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1, 2, 3, 4
Degree Of Protection	IP20
Weight (g/pole)	120

Application



Marking



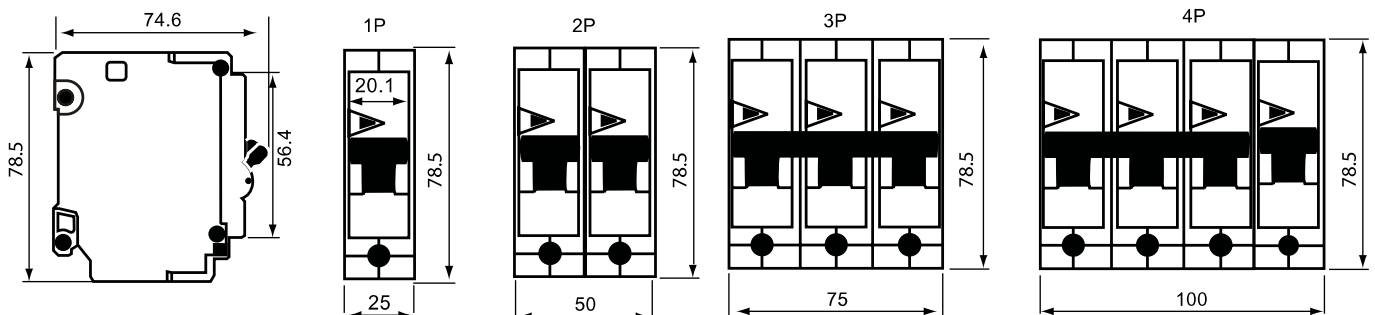
Short-circuit capacity

AC acc. to EN/IEC 60947-2

Type	Poles	Volts	$I_{cn}(kA)$
QP* *H	1-4	240/415 ,230/400V	10 kA ⁽¹⁾
QP* *S	1-4	240/415 ,230/400V	6 kA

(1) $I_{cs}=75\%I_{cn}$

Dimension





QP Plug-in IEC/EN 60947-2 Circuit Breakers 10kA, IEC/EN 60898-1 6kA (240V/415V) Curve C

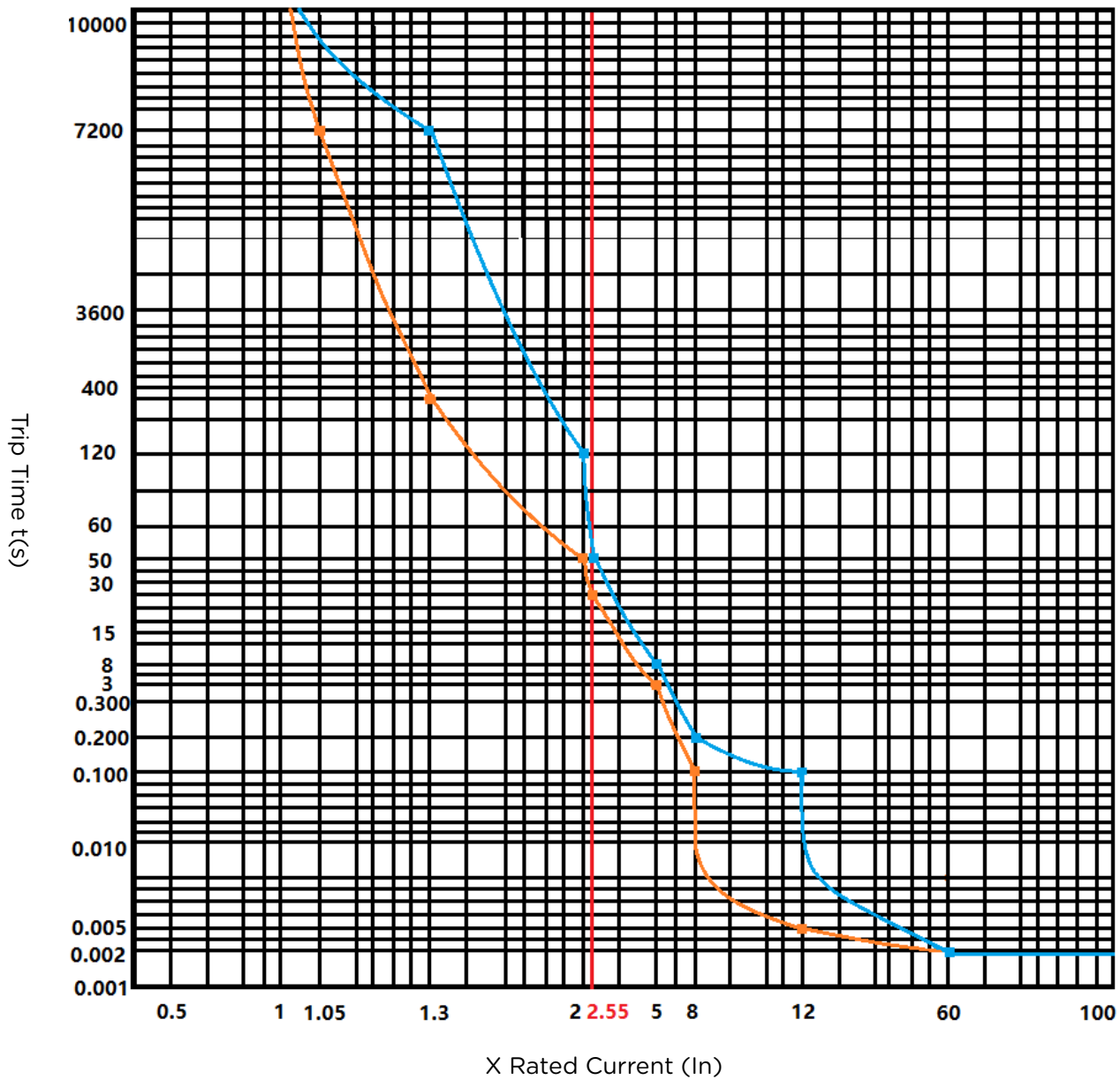
Rating	1 Pole		2 pole		3 Pole	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
80	W600576	QP1C080H	W600579	QP4C080H	W600582	QP3C080H
100	W600577	QP1C100H	W600580	QP4C100H	W600583	QP3C100H
125	W600578	QP1C125H	W600581	QP4C125H	W600584	QP3C125H

QP Plug-in IEC/EN 60947-2 Circuit Breakers 6kA, IEC/EN 60898-1 6kA (240V/415V) Curve C

Rating	1 Pole		2 pole		3 Pole	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
80	W600585	QP1C080S	W600588	QP4C080S	W600591	QP3C080S
100	W600586	QP1C100S	W600589	QP4C100S	W600592	QP3C100S
125	W600587	QP1C125S	W600590	QP4C125S	W600593	QP3C125S

TIME CURRENT CURVE

QP Plug-in (80-125A) IEC/EN 60947-2 Circuit Breakers Curve



- Maximum Value
- Minimum Value

Note: Instantaneous trip $I_n \pm 20\%$

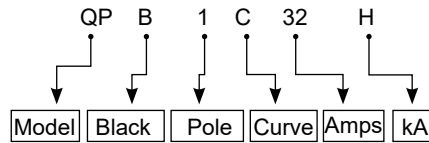


Miniature Circuit Breakers

MCB Type QPB Plug in

IEC/EN 60898-1

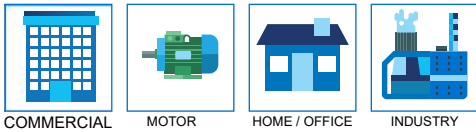
10000
3
6000
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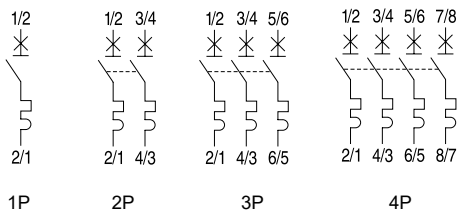
Technical Data

Thermal setting I_n	(A) 2-63
Rated voltage AC U_n	(V) 240/415
Rated Insulation Voltage U_i	(V) 500
Rated impulse withstand voltage U_{imp}	(kV) 4
Tripping characteristics	B, C, D
Energy limiting class	3
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1, 2, 3, 4
Degree Of Protection	IP20
Weight (g/pole)	120

Application



Marking



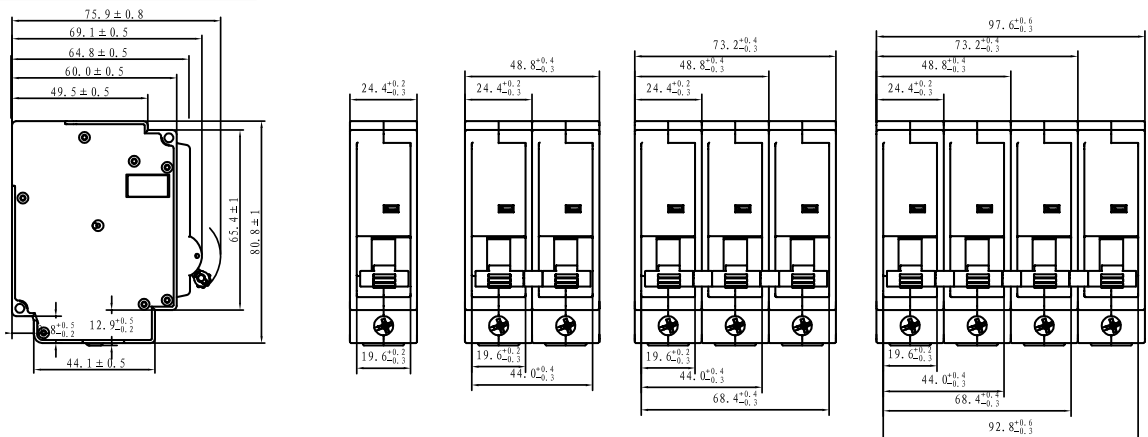
Short-circuit capacity

AC acc. to EN/IEC 60898-1

Type	Poles	Volts	$I_{cn}(kA)$
QPB* *H	1-4	230/415	10 kA ⁽¹⁾
QPB* *S	1-4	230/415	6 kA

(1) $I_{cs}=75\%I_{cn}$

Dimension



1 Pole



MCB QPB Plug in Type IEC/EN 60898-1 Circuit Breakers. 10kA (240V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609045	QPB1B02H	W609047	QPB1C02H	W609049	QPB1D02H
4	W609046	QPB1B04H	W609048	QPB1C04H	W609050	QPB1D04H
6	W600216	QPB1B06H	W600144	QPB1C06H	W609051	QPB1D06H
10	W600217	QPB1B10H	W600145	QPB1C10H	W609052	QPB1D10H
16	W600218	QPB1B16H	W600146	QPB1C16H	W609053	QPB1D16H
20	W600219	QPB1B20H	W600147	QPB1C20H	W609054	QPB1D20H
25	W600220	QPB1B25H	W600148	QPB1C25H	W609055	QPB1D25H
32	W600221	QPB1B32H	W600149	QPB1C32H	W609056	QPB1D32H
40	W600222	QPB1B40H	W600150	QPB1C40H	W609057	QPB1D40H
50	W600223	QPB1B50H	W600151	QPB1C50H	W609058	QPB1D50H
63	W600224	QPB1B63H	W600152	QPB1C63H	W609059	QPB1D63H

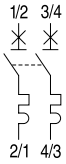
1 Pole



MCB QPB Plug in Type IEC/EN 60898-1 Circuit Breakers. 6kA (240V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609060	QPB1B02S	W609062	QPB1C02S	W609064	QPB1D02S
4	W609061	QPB1B04S	W609063	QPB1C04S	W609065	QPB1D04S
6	W600252	QPB1B06S	W600180	QPB1C06S	W609066	QPB1D06S
10	W600253	QPB1B10S	W600181	QPB1C10S	W609067	QPB1D10S
16	W600254	QPB1B16S	W600182	QPB1C16S	W609068	QPB1D16S
20	W600255	QPB1B20S	W600183	QPB1C20S	W609069	QPB1D20S
25	W600256	QPB1B25S	W600184	QPB1C25S	W609070	QPB1D25S
32	W600257	QPB1B32S	W600185	QPB1C32S	W609071	QPB1D32S
40	W600258	QPB1B40S	W600186	QPB1C40S	W609072	QPB1D40S
50	W600259	QPB1B50S	W600187	QPB1C50S	W609073	QPB1D50S
63	W600260	QPB1B63S	W600188	QPB1C63S	W609074	QPB1D63S

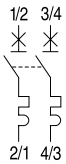
2 Pole



MCB QPB Plug in Type IEC/EN 60898-1 Circuit Breakers. 10kA (240V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609075	QPB2B02H	W609077	QPB2C02H	W609079	QPB1D02H
4	W609076	QPB2B04H	W609078	QPB2C04H	W609080	QPB1D04H
6	W600225	QPB2B06H	W600153	QPB2C06H	W609081	QPB1D06H
10	W600226	QPB2B10H	W600154	QPB2C10H	W609082	QPB1D10H
16	W600227	QPB2B16H	W600155	QPB2C16H	W609083	QPB1D16H
20	W600228	QPB2B20H	W600156	QPB2C20H	W609084	QPB1D20H
25	W600229	QPB2B25H	W600157	QPB2C25H	W609085	QPB1D25H
32	W600230	QPB2B32H	W600158	QPB2C32H	W609086	QPB1D32H
40	W600231	QPB2B40H	W600159	QPB2C40H	W609087	QPB1D40H
50	W600232	QPB2B50H	W600160	QPB2C50H	W609088	QPB1D50H
63	W600233	QPB2B63H	W600161	QPB2C63H	W609089	QPB1D63H

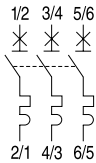
2 Pole



MCB QPB Plug in Type IEC/EN 60898-1 Circuit Breakers. 6kA (240V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609090	QPB2B02S	W609092	QPB2C02S	W609094	QPB1D02H
4	W609091	QPB2B04S	W609093	QPB2C04S	W609095	QPB1D04H
6	W600261	QPB2B06S	W600189	QPB2C06S	W609096	QPB1D06H
10	W600262	QPB2B10S	W600190	QPB2C10S	W609097	QPB1D10H
16	W600263	QPB2B16S	W600191	QPB2C16S	W609098	QPB1D16H
20	W600264	QPB2B20S	W600192	QPB2C20S	W609099	QPB1D20H
25	W600265	QPB2B25S	W600193	QPB2C25S	W609100	QPB1D25H
32	W600266	QPB2B32S	W600194	QPB2C32S	W609101	QPB1D32H
40	W600267	QPB2B40S	W600195	QPB2C40S	W609102	QPB1D40H
50	W600268	QPB2B50S	W600196	QPB2C50S	W609103	QPB1D50H
63	W600269	QPB2B63S	W600197	QPB2C63S	W609104	QPB1D63H

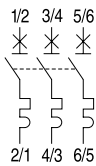
3 Pole



MCB QPB Plug in Type IEC/EN 60898-1 Circuit Breakers. 10kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609105	QPB3B02H	W609107	QPB3C02H	W609109	QPB3D02H
4	W609106	QPB3B04H	W609108	QPB3C04H	W609110	QPB3D04H
6	W600234	QPB3B06H	W600162	QPB3C06H	W609111	QPB3D06H
10	W600235	QPB3B10H	W600163	QPB3C10H	W609112	QPB3D10H
16	W600236	QPB3B16H	W600164	QPB3C16H	W609113	QPB3D16H
20	W600237	QPB3B20H	W600165	QPB3C20H	W609114	QPB3D20H
25	W600238	QPB3B25H	W600166	QPB3C25H	W609115	QPB3D25H
32	W600239	QPB3B32H	W600167	QPB3C32H	W609116	QPB3D32H
40	W600240	QPB3B40H	W600168	QPB3C40H	W609117	QPB3D40H
50	W600241	QPB3B50H	W600169	QPB3C50H	W609118	QPB3D50H
63	W600242	QPB3B63H	W600170	QPB3C63H	W609119	QPB3D63H

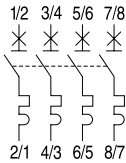
3 Pole



MCB QPB Plug in Type IEC/EN 60898-1 Circuit Breakers. 6kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609120	QPB3B02S	W609122	QPB3C02S	W609124	QPB3D02S
4	W609121	QPB3B04S	W609123	QPB3C04S	W609125	QPB3D04S
6	W600270	QPB3B06S	W600198	QPB3C06S	W609126	QPB3D06S
10	W600271	QPB3B10S	W600199	QPB3C10S	W609127	QPB3D10S
16	W600272	QPB3B16S	W600200	QPB3C16S	W609128	QPB3D16S
20	W600273	QPB3B20S	W600201	QPB3C20S	W609129	QPB3D20S
25	W600274	QPB3B25S	W600202	QPB3C25S	W609130	QPB3D25S
32	W600275	QPB3B32S	W600203	QPB3C32S	W609131	QPB3D32S
40	W600276	QPB3B40S	W600204	QPB3C40S	W609132	QPB3D40S
50	W600277	QPB3B50S	W600205	QPB3C50S	W609133	QPB3D50S
63	W600278	QPB3B63S	W600206	QPB3C63S	W609134	QPB3D63S

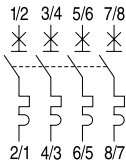
4 Pole



MCB QPB Plug in Type IEC/EN 60898-1 Circuit Breakers. 10kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609135	QPB4B02H	W609137	QPB4C02H	W609139	QPB4D02H
4	W609136	QPB4B04H	W609138	QPB4C04H	W609140	QPB4D04H
6	W600243	QPB4B06H	W600171	QPB4C06H	W609141	QPB4D06H
10	W600244	QPB4B10H	W600172	QPB4C10H	W609142	QPB4D10H
16	W600245	QPB4B16H	W600173	QPB4C16H	W609143	QPB4D16H
20	W600246	QPB4B20H	W600174	QPB4C20H	W609144	QPB4D20H
25	W600247	QPB4B25H	W600175	QPB4C25H	W609145	QPB4D25H
32	W600248	QPB4B32H	W600176	QPB4C32H	W609146	QPB4D32H
40	W600249	QPB4B40H	W600177	QPB4C40H	W609147	QPB4D40H
50	W600250	QPB4B50H	W600178	QPB4C50H	W609148	QPB4D50H
63	W600251	QPB4B63H	W600179	QPB4C63H	W609149	QPB4D63H

4 Pole



MCB QPB Plug in Type IEC/EN 60898-1 Circuit Breakers. 6kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609150	QPB4B02S	W609152	QPB4C02S	W609154	QPB4D02S
4	W609151	QPB4B04S	W609153	QPB4C04S	W609155	QPB4D04S
6	W600279	QPB4B06S	W600207	QPB4C06S	W609156	QPB4D06S
10	W600280	QPB4B10S	W600208	QPB4C10S	W609157	QPB4D10S
16	W600281	QPB4B16S	W600209	QPB4C16S	W609158	QPB4D16S
20	W600282	QPB4B20S	W600210	QPB4C20S	W609159	QPB4D20S
25	W600283	QPB4B25S	W600211	QPB4C25S	W609160	QPB4D25S
32	W600284	QPB4B32S	W600212	QPB4C32S	W609161	QPB4D32S
40	W600285	QPB4B40S	W600213	QPB4C40S	W609162	QPB4D40S
50	W600286	QPB4B50S	W600214	QPB4C50S	W609163	QPB4D50S
63	W600287	QPB4B63S	W600215	QPB4C63S	W609164	QPB4D63S



Miniature Circuit Breakers

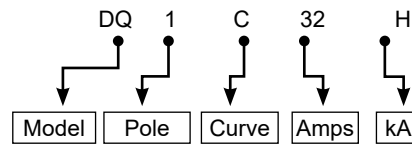
MCB Type DQ

Cable in/Cable out

IEC/EN 60898-1

10000
3

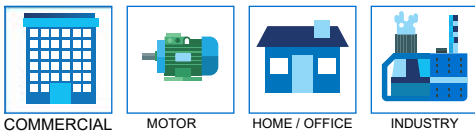
6000
3



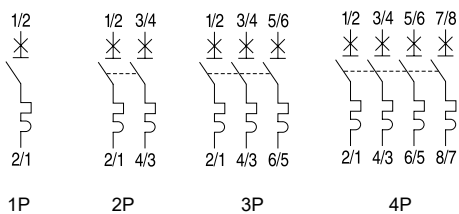
Technical Data

Thermal setting I_n	(A) 2-63
Rated voltage AC U_n	(V) 240/415
Rated Insulation Voltage U_i	(V) 500
Rated impulse withstand voltage U_{imp}	(kV) 4
Tripping characteristics	B, C, D
Energy limiting class	3
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1, 2, 3, 4
Degree Of Protection	IP20
Weight (g/pole)	120

Application



Marking



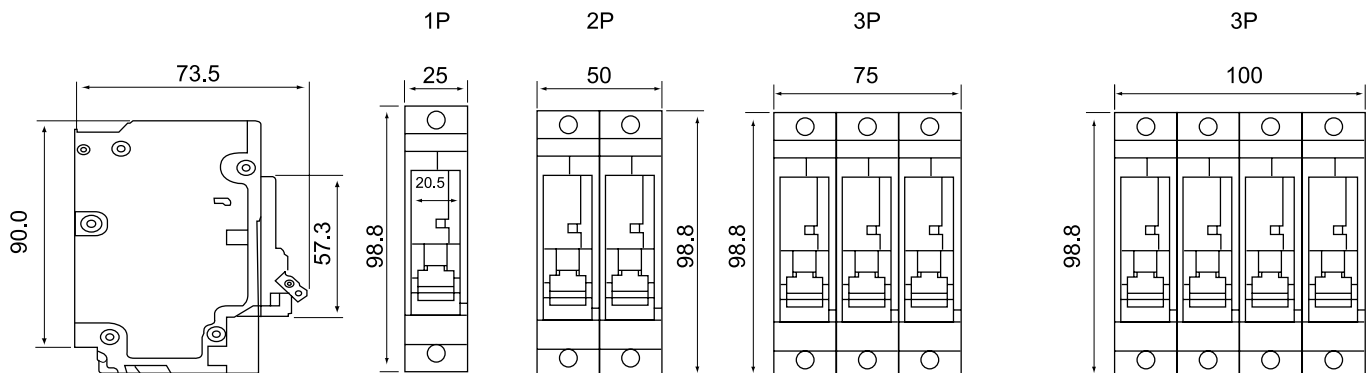
Short-circuit capacity

AC acc. to EN/IEC 60898-1

Type	Poles	Volts	$I_{cn}(kA)$
DQ* *H	1-4	230/415	10 kA ⁽¹⁾
DQ* *S	1-4	230/415	6 kA

(1) $I_{cs}=75\%I_{cn}$

Dimension



1 Pole



DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.10kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609165	DQ1B02H	W609167	DQ1C02H	W609169	DQ1D02H
4	W609166	DQ1B04H	W609168	DQ1C04H	W609170	DQ1D04H
6	W600423	DQ1B06H	W600288	DQ1C06H	W609171	DQ1D06H
10	W600424	DQ1B10H	W600289	DQ1C10H	W609172	DQ1D10H
16	W600425	DQ1B16H	W600290	DQ1C16H	W609173	DQ1D16H
20	W600426	DQ1B20H	W600291	DQ1C20H	W609174	DQ1D20H
25	W600427	DQ1B25H	W600292	DQ1C25H	W609175	DQ1D25H
32	W600428	DQ1B32H	W600293	DQ1C32H	W609176	DQ1D32H
40	W600429	DQ1B40H	W600294	DQ1C40H	W609177	DQ1D40H
50	W600430	DQ1B50H	W600295	DQ1C50H	W609178	DQ1D50H
63	W600431	DQ1B63H	W600296	DQ1C63H	W609179	DQ1D63H

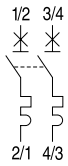
1 Pole



DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.6kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609180	DQ1B02S	W609182	DQ1C02S	W609184	DQ1D02S
4	W609181	DQ1B04S	W609183	DQ1C04S	W609185	DQ1D04S
6	W600396	DQ1B06S	W600324	DQ1C06S	W609186	DQ1D06S
10	W600397	DQ1B10S	W600325	DQ1C10S	W609187	DQ1D10S
16	W600398	DQ1B16S	W600326	DQ1C16S	W609188	DQ1D16S
20	W600399	DQ1B20S	W600327	DQ1C20S	W609189	DQ1D20S
25	W600400	DQ1B25S	W600328	DQ1C25S	W609190	DQ1D25S
32	W600401	DQ1B32S	W600329	DQ1C32S	W609191	DQ1D32S
40	W600402	DQ1B40S	W600330	DQ1C40S	W609192	DQ1D40S
50	W600403	DQ1B50S	W600331	DQ1C50S	W609193	DQ1D50S
63	W600404	DQ1B63S	W600332	DQ1C63S	W609194	DQ1D63S

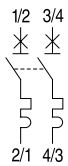
2 Pole



DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.10kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609195	DQ2B02H	W609197	DQ2C02H	W609199	DQ2D02H
4	W609196	DQ2B04H	W609198	DQ2C04H	W609200	DQ2D04H
6	W600369	DQ2B06H	W600297	DQ2C06H	W609201	DQ2D06H
10	W600370	DQ2B10H	W600298	DQ2C10H	W609202	DQ2D10H
16	W600371	DQ2B16H	W600299	DQ2C16H	W609203	DQ2D16H
20	W600372	DQ2B20H	W600300	DQ2C20H	W609204	DQ2D20H
25	W600373	DQ2B25H	W600301	DQ2C25H	W609205	DQ2D25H
32	W600374	DQ2B32H	W600302	DQ2C32H	W609206	DQ2D32H
40	W600375	DQ2B40H	W600303	DQ2C40H	W609207	DQ2D40H
50	W600376	DQ2B50H	W600304	DQ2C50H	W609208	DQ2D50H
63	W600377	DQ2B63H	W600305	DQ2C63H	W609209	DQ2D63H

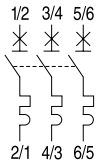
2 Pole



DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.6A (240V/415V)

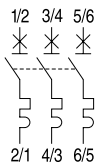
Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609210	DQ2B02S	W609212	DQ2C02S	W609214	DQ2D02S
4	W609211	DQ2B04S	W609213	DQ2C04S	W609215	DQ2D04S
6	W600405	DQ2B06S	W600333	DQ2C06S	W609216	DQ2D06S
10	W600406	DQ2B10S	W600334	DQ2C10S	W609217	DQ2D10S
16	W600407	DQ2B16S	W600335	DQ2C16S	W609218	DQ2D16S
20	W600408	DQ2B20S	W600336	DQ2C20S	W609219	DQ2D20S
25	W600409	DQ2B25S	W600337	DQ2C25S	W609220	DQ2D25S
32	W600410	DQ2B32S	W600338	DQ2C32S	W609221	DQ2D32S
40	W600411	DQ2B40S	W600339	DQ2C40S	W609222	DQ2D40S
50	W600412	DQ2B50S	W600340	DQ2C50S	W609223	DQ2D50S
63	W600413	DQ2B63S	W600341	DQ2C63S	W609224	DQ2D63S

3 Pole


DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.10kA (240V/415V)

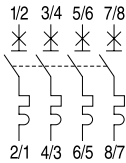
Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609225	DQ3B02H	W609227	DQ3C02H	W609229	DQ3D02H
4	W609226	DQ3B04H	W609228	DQ3C04H	W609230	DQ3D04H
6	W600378	DQ3B06H	W600306	DQ3C06H	W609231	DQ3D06H
10	W600379	DQ3B10H	W600307	DQ3C10H	W609232	DQ3D10H
16	W600380	DQ3B16H	W600308	DQ3C16H	W609233	DQ3D16H
20	W600381	DQ3B20H	W600309	DQ3C20H	W609234	DQ3D20H
25	W600382	DQ3B25H	W600310	DQ3C25H	W609235	DQ3D25H
32	W600383	DQ3B32H	W600311	DQ3C32H	W609236	DQ3D32H
40	W600384	DQ3B40H	W600312	DQ3C40H	W609237	DQ3D40H
50	W600385	DQ3B50H	W600313	DQ3C50H	W609238	DQ3D50H
63	W600386	DQ3B63H	W600314	DQ3C63H	W609239	DQ3D63H

3 Pole


DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.6kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609240	DQ3B02S	W609242	DQ3C02S	W609244	DQ3D02S
4	W609241	DQ3B04S	W609243	DQ3C04S	W609245	DQ3D04S
6	W600414	DQ3B06S	W600342	DQ3C06S	W609246	DQ3D06S
10	W600415	DQ3B10S	W600343	DQ3C10S	W609247	DQ3D10S
16	W600416	DQ3B16S	W600344	DQ3C16S	W609248	DQ3D16S
20	W600417	DQ3B20S	W600345	DQ3C20S	W609249	DQ3D20S
25	W600418	DQ3B25S	W600346	DQ3C25S	W609250	DQ3D25S
32	W600419	DQ3B32S	W600347	DQ3C32S	W609251	DQ3D32S
40	W600420	DQ3B40S	W600348	DQ3C40S	W609252	DQ3D40S
50	W600421	DQ3B50S	W600349	DQ3C50S	W609253	DQ3D50S
63	W600422	DQ3B63S	W600350	DQ3C63S	W609254	DQ3D63S

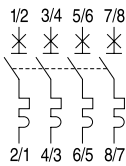
4 Pole



DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.10kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609255	DQ4B02H	W609257	DQ4C02H	W609259	DQ4D02H
4	W609256	DQ4B04H	W609258	DQ4C04H	W609260	DQ4D04H
6	W600387	DQ4B06H	W600315	DQ4C06H	W609261	DQ4D06H
10	W600388	DQ4B10H	W600316	DQ4C10H	W609262	DQ4D10H
16	W600389	DQ4B16H	W600317	DQ4C16H	W609263	DQ4D16H
20	W600390	DQ4B20H	W600318	DQ4C20H	W609264	DQ4D20H
25	W600391	DQ4B25H	W600319	DQ4C25H	W609265	DQ4D25H
32	W600392	DQ4B32H	W600320	DQ4C32H	W609266	DQ4D32H
40	W600393	DQ4B40H	W600321	DQ4C40H	W609267	DQ4D40H
50	W600394	DQ4B50H	W600322	DQ4C50H	W609268	DQ4D50H
63	W600395	DQ4B63H	W600323	DQ4C63H	W609269	DQ4D63H

4 Pole



DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.6kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609270	DQ4B02S	W609272	DQ4C02S	W609274	DQ4D02S
4	W609271	DQ4B04S	W609273	DQ4C04S	W609275	DQ4D04S
6	W608923	DQ4B06S	W600351	DQ4C06S	W609276	DQ4D06S
10	W608924	DQ4B10S	W600352	DQ4C10S	W609277	DQ4D10S
16	W608925	DQ4B16S	W600353	DQ4C16S	W609278	DQ4D16S
20	W608926	DQ4B20S	W600354	DQ4C20S	W609279	DQ4D20S
25	W608927	DQ4B25S	W600355	DQ4C25S	W609280	DQ4D25S
32	W608928	DQ4B32S	W600356	DQ4C32S	W609281	DQ4D32S
40	W608929	DQ4B40S	W600357	DQ4C40S	W609282	DQ4D40S
50	W608930	DQ4B50S	W600358	DQ4C50S	W609283	DQ4D50S
63	W608931	DQ4B63S	W600359	DQ4C63S	W609284	DQ4D63S

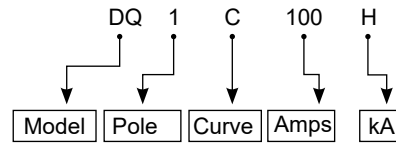


Miniature Circuit Breakers MCB Type DQ (70-125A) Cable in/Cable out

IEC/EN 60947-2 10 kA
IEC/EN 60898-1 6 kA

10000
3

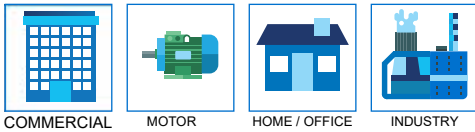
6000
3



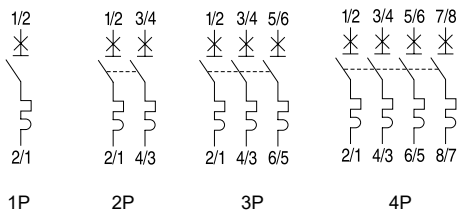
Technical Data

Thermal setting I_n	(A) 70-125
Rated voltage AC U_n	(V) 240/415
Rated Insulation Voltage U_i	(V) 500
Rated impulse withstand voltage U_{imp}	(kV) 4
Tripping characteristics	B, C, D
Energy limiting class	3
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1, 2, 3, 4
Degree Of Protection	IP20
Weight (g/pole)	120

Application



Marking



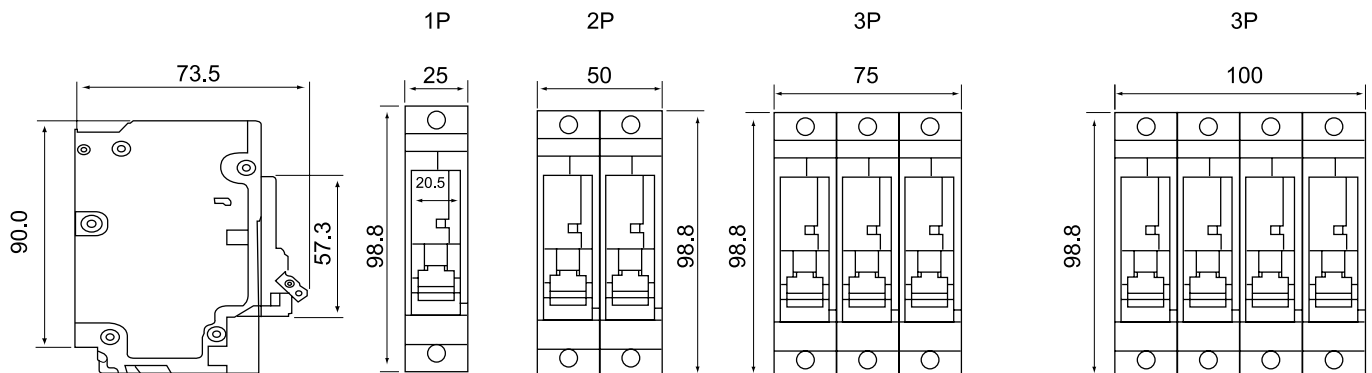
Short-circuit capacity

AC acc. to EN/IEC 60898-1

Type	Poles	Volts	$I_{cn}(kA)$
DQ* *H	1-4	230/415	10 kA ⁽¹⁾
DQ* *S	1-4	230/415	6 kA

(1) $I_{cs}=75\%I_{cn}$

Dimension





DQ Cable in /Cable out IEC/EN 60947-2 Circuit Breakers 10kA, IEC/EN 60898-1 6kA (240V/415V) Curve C

Rating	1 Pole		2 pole		3 Pole		4 Pole	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
70	W607458	DQ1C70H	W607463	DQ2C70H	W607468	DQ3C70H	W607473	DQ4C70H
80	W607459	DQ1C80H	W607464	DQ2C80H	W607469	DQ3C80H	W607474	DQ4C80H
90	W607460	DQ1C90H	W607465	DQ2C90H	W607470	DQ3C90H	W607475	DQ4C90H
100	W607461	DQ1C100H	W607466	DQ2C100H	W607471	DQ3C100H	W607476	DQ4C100H
125	W607462	DQ1C125H	W607467	DQ2C125H	W607472	DQ3C125H	W607477	DQ4C125H

DQ Cable in /Cable out IEC/EN 60947-2 Circuit Breakers 6kA, IEC/EN 60898-1 6kA (240V/415V) Curve C

Rating	1 Pole		2 pole		3 Pole		4 Pole	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
70	W607478	DQ1C70S	W607483	DQ2C70S	W607488	DQ3C70S	W607493	DQ4C70S
80	W607479	DQ1C80S	W607484	DQ2C80S	W607489	DQ3C80S	W607494	DQ4C80S
90	W607480	DQ1C90S	W607485	DQ2C90S	W607490	DQ3C90S	W607495	DQ4C90S
100	W607481	DQ1C100S	W607486	DQ2C100S	W607491	DQ3C100S	W607496	DQ4C100S
125	W607482	DQ1C125S	W607487	DQ2C125S	W607492	DQ3C125S	W607497	DQ4C125S

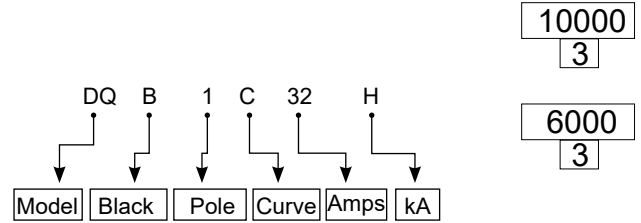


Miniature Circuit Breakers

MCB Type DQB

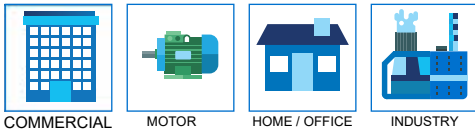
Cable in/Cable out

IEC/EN 60898-1

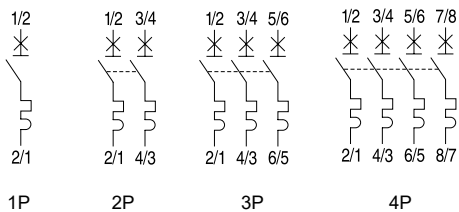


1 Residential Products

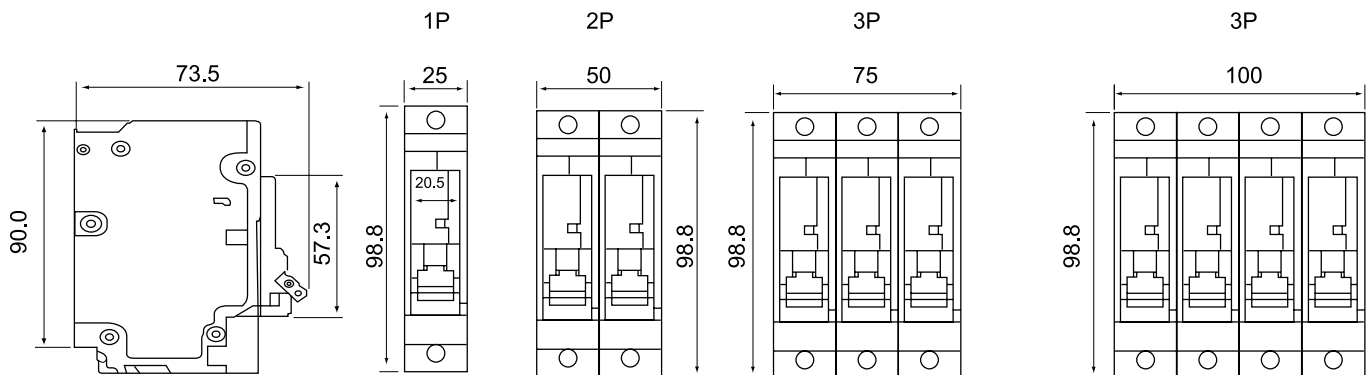
Application



Marking



Dimension



Technical Data

Thermal setting I_n	(A) 2-63
Rated voltage AC U_n	(V) 240/415
Rated Insulation Voltage U_i	(V) 500
Rated impulse withstand voltage U_{imp}	(kV) 4
Tripping characteristics	B, C, D
Energy limiting class	3
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1, 2, 3, 4
Degree Of Protection	IP20
Weight (g/pole)	120

Short-circuit capacity

AC acc. to EN/IEC 60898-1

Type	Poles	Volts	$I_{cn}(kA)$
DQB* *H	1-4	230/415	10 kA ⁽¹⁾
DQB* *S	1-4	230/415	6 kA

(1) $I_{cs}=75\%I_{cn}$

1 Pole



DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.10kA (240V/415V)

Raring	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609285	DQB1B02H	W609287	DQB1C02H	W609289	DQB1D02H
4	W609286	DQB1B04H	W609288	DQB1C04H	W609290	DQB1D04H
6	W600504	DQB1B06H	W600432	DQB1C06H	W609291	DQB1D06H
10	W600505	DQB1B10H	W600433	DQB1C10H	W609292	DQB1D10H
16	W600506	DQB1B16H	W600434	DQB1C16H	W609293	DQB1D16H
20	W600507	DQB1B20H	W600435	DQB1C20H	W609294	DQB1D20H
25	W600508	DQB1B25H	W600436	DQB1C25H	W609295	DQB1D25H
32	W600509	DQB1B32H	W600437	DQB1C32H	W609296	DQB1D32H
40	W600510	DQB1B40H	W600438	DQB1C40H	W609297	DQB1D40H
50	W600511	DQB1B50H	W600439	DQB1C50H	W609298	DQB1D50H
63	W600512	DQB1B63H	W600440	DQB1C63H	W609299	DQB1D63H

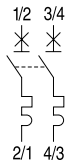
1 Pole



DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.6kA (240V/415V)

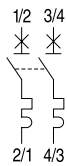
Raring	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609300	DQB1B02S	W609302	DQB1C02S	W609304	DQB1D02S
4	W609301	DQB1B04S	W609303	DQB1C04S	W609305	DQB1D04S
6	W600540	DQB1B06S	W600468	DQB1C06S	W609306	DQB1D06S
10	W600541	DQB1B10S	W600469	DQB1C10S	W609307	DQB1D10S
16	W600542	DQB1B16S	W600470	DQB1C16S	W609308	DQB1D16S
20	W600543	DQB1B20S	W600471	DQB1C20S	W609309	DQB1D20S
25	W600544	DQB1B25S	W600472	DQB1C25S	W609310	DQB1D25S
32	W600545	DQB1B32S	W600473	DQB1C32S	W609311	DQB1D32S
40	W600546	DQB1B40S	W600474	DQB1C40S	W609312	DQB1D40S
50	W600547	DQB1B50S	W600475	DQB1C50S	W609313	DQB1D50S
63	W600548	DQB1B63S	W600476	DQB1C63S	W609314	DQB1D63S

2 Pole


DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.10kA (240V/415V)

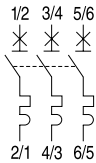
Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609315	DQB2B02H	W609317	DQB2C02H	W609319	DQB2D02H
4	W609316	DQB2B04H	W609318	DQB2C04H	W609320	DQB2D04H
6	W600513	DQB2B06H	W600441	DQB2C06H	W609321	DQB2D06H
10	W600514	DQB2B10H	W600442	DQB2C10H	W609322	DQB2D10H
16	W600515	DQB2B16H	W600443	DQB2C16H	W609323	DQB2D16H
20	W600516	DQB2B20H	W600444	DQB2C20H	W609324	DQB2D20H
25	W600517	DQB2B25H	W600445	DQB2C25H	W609325	DQB2D25H
32	W600518	DQB2B32H	W600446	DQB2C32H	W609326	DQB2D32H
40	W600519	DQB2B40H	W600447	DQB2C40H	W609327	DQB2D40H
50	W600520	DQB2B50H	W600448	DQB2C50H	W609328	DQB2D50H
63	W600521	DQB2B63H	W600449	DQB2C63H	W609329	DQB2D63H

2 Pole


DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.6A (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609330	DQB2B02S	W609332	DQB2C02S	W609334	DQB2D02S
4	W609331	DQB2B04S	W609333	DQB2C04S	W609335	DQB2D04S
6	W600549	DQB2B06S	W600477	DQB2C06S	W609336	DQB2D06S
10	W600550	DQB2B10S	W600478	DQB2C10S	W609337	DQB2D10S
16	W600551	DQB2B16S	W600479	DQB2C16S	W609338	DQB2D16S
20	W600552	DQB2B20S	W600480	DQB2C20S	W609339	DQB2D20S
25	W600553	DQB2B25S	W600481	DQB2C25S	W609340	DQB2D25S
32	W600554	DQB2B32S	W600482	DQB2C32S	W609341	DQB2D32S
40	W600555	DQB2B40S	W600483	DQB2C40S	W609342	DQB2D40S
50	W600556	DQB2B50S	W600484	DQB2C50S	W609343	DQB2D50S
63	W600557	DQB2B63S	W600485	DQB2C63S	W609344	DQB2D63S

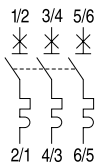
3 Pole



DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.10kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609345	DQB3B02H	W609347	DQB3C02H	W609349	DQB3D02H
4	W609346	DQB3B04H	W609348	DQB3C04H	W609350	DQB3D04H
6	W600522	DQB3B06H	W600450	DQB3C06H	W609351	DQB3D06H
10	W600523	DQB3B10H	W600451	DQB3C10H	W609352	DQB3D10H
16	W600524	DQB3B16H	W600452	DQB3C16H	W609353	DQB3D16H
20	W600525	DQB3B20H	W600453	DQB3C20H	W609354	DQB3D20H
25	W600526	DQB3B25H	W600454	DQB3C25H	W609355	DQB3D25H
32	W600527	DQB3B32H	W600455	DQB3C32H	W609356	DQB3D32H
40	W600528	DQB3B40H	W600456	DQB3C40H	W609357	DQB3D40H
50	W600529	DQB3B50H	W600457	DQB3C50H	W609358	DQB3D50H
63	W600530	DQB3B63H	W600458	DQB3C63H	W609359	DQB3D63H

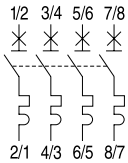
3 Pole



DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.6kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609360	DQB3B02S	W609362	DQB3C02S	W609364	DQB3D02S
4	W609361	DQB3B04S	W609363	DQB3C04S	W609365	DQB3D04S
6	W600558	DQB3B06S	W600486	DQB3C06S	W609366	DQB3D06S
10	W600559	DQB3B10S	W600487	DQB3C10S	W609367	DQB3D10S
16	W600560	DQB3B16S	W600488	DQB3C16S	W609368	DQB3D16S
20	W600561	DQB3B20S	W600489	DQB3C20S	W609369	DQB3D20S
25	W600562	DQB3B25S	W600490	DQB3C25S	W609370	DQB3D25S
32	W600563	DQB3B32S	W600491	DQB3C32S	W609371	DQB3D32S
40	W600564	DQB3B40S	W600492	DQB3C40S	W609372	DQB3D40S
50	W600565	DQB3B50S	W600493	DQB3C50S	W609373	DQB3D50S
63	W600566	DQB3B63S	W600494	DQB3C63S	W609374	DQB3D63S

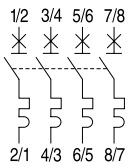
4 Pole



DQ Cable in/Cable out IEC/EN 60898-1 Circuit Breakers.10kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609375	DQB4B02H	W609377	DQB4C02H	W609379	DQB4D02H
4	W609376	DQB4B04H	W609378	DQB4C04H	W609380	DQB4D04H
6	W600531	DQB4B06H	W600459	DQB4C06H	W609381	DQB4D06H
10	W600532	DQB4B10H	W600460	DQB4C10H	W609382	DQB4D10H
16	W600533	DQB4B16H	W600461	DQB4C16H	W609383	DQB4D16H
20	W600534	DQB4B20H	W600462	DQB4C20H	W609384	DQB4D20H
25	W600535	DQB4B25H	W600463	DQB4C25H	W609385	DQB4D25H
32	W600536	DQB4B32H	W600464	DQB4C32H	W609386	DQB4D32H
40	W600537	DQB4B40H	W600465	DQB4C40H	W609387	DQB4D40H
50	W600538	DQB4B50H	W600466	DQB4C50H	W609388	DQB4D50H
63	W600539	DQB4B63H	W600467	DQB4C63H	W609389	DQB4D63H

4 Pole



DQ Cable in /Cable out IEC/EN 60898-1 Circuit Breakers.6kA (240V/415V)

Rating	Curve B		Curve C		Curve D	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
2	W609270	DQ4B02S	W609272	DQ4C02S	W609274	DQ4D02S
4	W609271	DQ4B04S	W609273	DQ4C04S	W609275	DQ4D04S
6	W608923	DQ4B06S	W600351	DQ4C06S	W609276	DQ4D06S
10	W608924	DQ4B10S	W600352	DQ4C10S	W609277	DQ4D10S
16	W608925	DQ4B16S	W600353	DQ4C16S	W609278	DQ4D16S
20	W608926	DQ4B20S	W600354	DQ4C20S	W609279	DQ4D20S
25	W608927	DQ4B25S	W600355	DQ4C25S	W609280	DQ4D25S
32	W608928	DQ4B32S	W600356	DQ4C32S	W609281	DQ4D32S
40	W608929	DQ4B40S	W600357	DQ4C40S	W609282	DQ4D40S
50	W608930	DQ4B50S	W600358	DQ4C50S	W609283	DQ4D50S
63	W608931	DQ4B63S	W600359	DQ4C63S	W609284	DQ4D63S



Miniature Circuit Breakers MCB Type DQB (70-125A) Cable in/Cable out

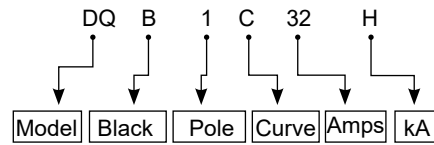
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Residential Products

IEC/EN 60947-2 10 kA
IEC/EN 60898-1 6 kA

10000
3

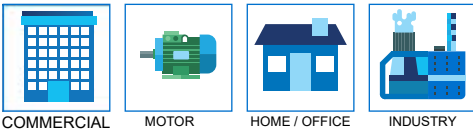
6000
3



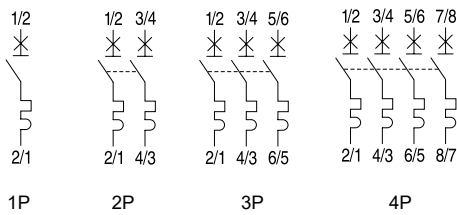
Technical Data

Thermal setting I _n	(A) 70-125
Rated voltage AC U _n	(V) 240/415
Rated Insulation Voltage U _i	(V) 500
Rated impulse withstand voltage U _{imp}	(kV) 4
Tripping characteristics	B, C, D
Energy limiting class	3
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1, 2, 3, 4
Degree Of Protection	IP20
Weight (g/pole)	120

Application



Marking



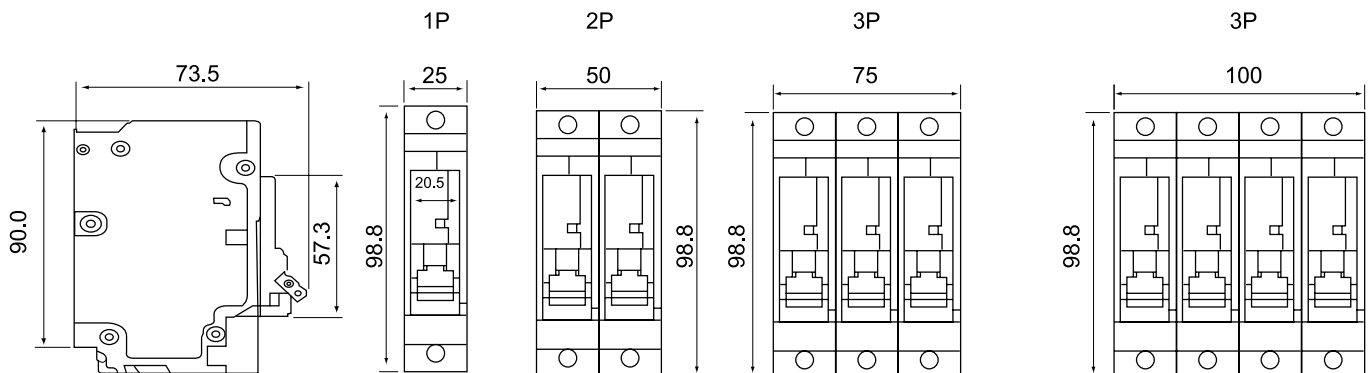
Short-circuit capacity

AC acc. to EN/IEC 60898-1

Type	Poles	Volts	I _{cs} (kA)
DQB* *H	1-4	230/415	10 kA ⁽¹⁾
DQB* *S	1-4	230/415	6 kA

(1) I_{cs}=75%I_{cn}

Dimension





DQB Cable in /Cable out IEC/EN 60947-2 Circuit Breakers 10kA, IEC/EN 60898-1 6kA (240V/415V) Curve C

Rating	1 Pole		2 pole		3 Pole		4 Pole	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
70	W607498	DQB1C70H	W607503	DQB2C70H	W607508	DQB3C70H	W607513	DQB4C70H
80	W607499	DQB1C80H	W607504	DQB2C80H	W607509	DQB3C80H	W607514	DQB4C80H
90	W607500	DQB1C90H	W607505	DQB2C90H	W607510	DQB3C90H	W607515	DQB4C90H
100	W607501	DQB1C100H	W607506	DQB2C100H	W607511	DQB3C100H	W607516	DQB4C100H
125	W607502	DQB1C125H	W607507	DQB2C125H	W607512	DQB3C125H	W607517	DQB4C125H

DQB Cable in /Cable out IEC/EN 60947-2 Circuit Breakers 6kA, IEC/EN 60898-1 6kA (240V/415V) Curve C

Rating	1 Pole		2 pole		3 Pole		4 Pole	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
70	W607518	DQB1C70S	W607523	DQB2C70S	W607528	DQB3C70S	W607533	DQB4C70S
80	W607519	DQB1C80S	W607524	DQB2C80S	W607529	DQB3C80S	W607534	DQB4C80S
90	W607520	DQB1C90S	W607525	DQB2C90S	W607530	DQB3C90S	W607535	DQB4C90S
100	W607521	DQB1C100S	W607526	DQB2C100S	W607531	DQB3C100S	W607536	DQB4C100S
125	W607522	DQB1C125S	W607527	DQB2C125S	W607532	DQB3C125S	W607537	DQB4C125S

Residual Current Circuit Breakers

RCBO TYPE RQP (1+N)

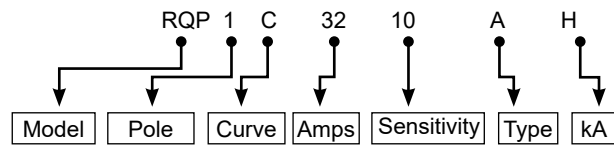


IEC/EN 61009-1

Type AC

Type A

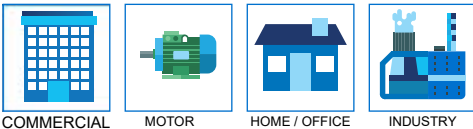
10000
3



Technical Data

Thermal setting I_n	(A) 6-40
Residual Current $I_{\Delta n}$	(mA) 10,30,100,300
Tripping characteristic	B-C
Rated voltage AC U_n	(V) 240
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²)25
Poles	1+N
Weight (g/pole)	250

Application



Marking

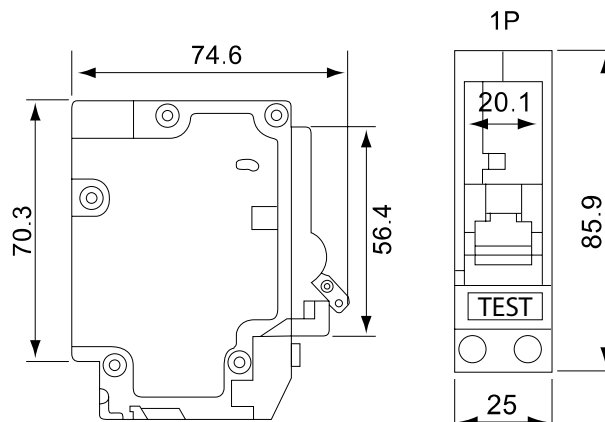


Short-circuit capacity

AC acc. to EN/IEC 61009-1

Residual making and breaking capacity	$I_{\Delta m}$ =6000A
Energy limiting class	3
Short-circuit capacity	I_{cn} =10000A at 240V

Dimension





RQP Electronic Combined RCBO/MCB Device , 10 kA 1 Pole 240V sensitivity(10,30,100,300) Type AC Curve B

Rating	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W610325	RQP1B0610H	W610332	RQP1B0630H	W610339	RQP1B06100H	W610346	RQP1B06300H
10	W610326	RQP1B1010H	W610333	RQP1B1030H	W610340	RQP1B10100H	W610347	RQP1B10300H
16	W610327	RQP1B1610H	W610334	RQP1B1630H	W610341	RQP1B16100H	W610348	RQP1B16300H
20	W610328	RQP1B2010H	W610335	RQP1B2030H	W610342	RQP1B20100H	W610349	RQP1B20300H
25	W610329	RQP1B2510H	W610336	RQP1B2530H	W610343	RQP1B25100H	W610350	RQP1B25300H
32	W610330	RQP1B3210H	W610337	RQP1B3230H	W610344	RQP1B32100H	W610351	RQP1B32300H
40	W610331	RQP1B4010H	W610338	RQP1B4030H	W610345	RQP1B40100H	W610352	RQP1B40300H

RQP Electronic Combined RCBO/MCB Device , 10 kA 1 Pole 240V sensitivity(10,30,100,300) Type A Curve B

Rating	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W610353	RQP1B0610AH	W610360	RQP1B0630AH	W610367	RQP1B06100AH	W610374	RQP1B06300AH
10	W610354	RQP1B1010AH	W610361	RQP1B1030AH	W610368	RQP1B10100AH	W610375	RQP1B10300AH
16	W610355	RQP1B1610AH	W610362	RQP1B1630AH	W610369	RQP1B16100AH	W610376	RQP1B16300AH
20	W610356	RQP1B2010AH	W610363	RQP1B2030AH	W610370	RQP1B20100AH	W610377	RQP1B20300AH
25	W610357	RQP1B2510AH	W610364	RQP1B2530AH	W610371	RQP1B25100AH	W610378	RQP1B25300AH
32	W610358	RQP1B3210AH	W610365	RQP1B3230AH	W610372	RQP1B32100AH	W610379	RQP1B32300AH
40	W610359	RQP1B4010AH	W610366	RQP1B4030AH	W610373	RQP1B40100AH	W610380	RQP1B40300AH

RQP Electronic Combined RCBO/MCB Device , 10 kA 1 Pole 240V sensitivity(10,30,100,300) Type AC Curve C

Rating	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W600594	RQP1C0610H	W600601	RQP1C0630H	W600608	RQP1C06100H	W600615	RQP1C06300H
10	W600595	RQP1C1010H	W600602	RQP1C1030H	W600609	RQP1C10100H	W600616	RQP1C10300H
16	W600596	RQP1C1610H	W600603	RQP1C1630H	W600610	RQP1C16100H	W600617	RQP1C16300H
20	W600597	RQP1C2010H	W600604	RQP1C2030H	W600611	RQP1C20100H	W600618	RQP1C20300H
25	W600598	RQP1C2510H	W600605	RQP1C2530H	W600612	RQP1C25100H	W600619	RQP1C25300H
32	W600599	RQP1C3210H	W600606	RQP1C3230H	W600613	RQP1C32100H	W600620	RQP1C32300H
40	W600600	RQP1C4010H	W600607	RQP1C4030H	W600614	RQP1C40100H	W600621	RQP1C40300H

RQP Electronic Combined RCBO/MCB Device , 10 kA 1 Pole 240V sensitivity(10,30,100,300) Type A Curve C

Rating	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W608208	RQP1C0610AH	W608215	RQP1C0630AH	W608222	RQP1C06100AH	W608229	RQP1C06300AH
10	W608209	RQP1C1010AH	W608216	RQP1C1030AH	W608223	RQP1C10100AH	W608230	RQP1C10300AH
16	W608210	RQP1C1610AH	W608217	RQP1C1630AH	W608224	RQP1C16100AH	W608231	RQP1C16300AH
20	W608211	RQP1C2010AH	W608218	RQP1C2030AH	W608225	RQP1C20100AH	W608232	RQP1C20300AH
25	W608212	RQP1C2510AH	W608219	RQP1C2530AH	W608226	RQP1C25100AH	W608233	RQP1C25300AH
32	W608213	RQP1C3210AH	W608220	RQP1C3230AH	W608227	RQP1C32100AH	W608234	RQP1C32300AH
40	W608214	RQP1C4010AH	W608221	RQP1C4030AH	W608228	RQP1C40100AH	W608235	RQP1C40300AH

Residual Current Circuit Breakers

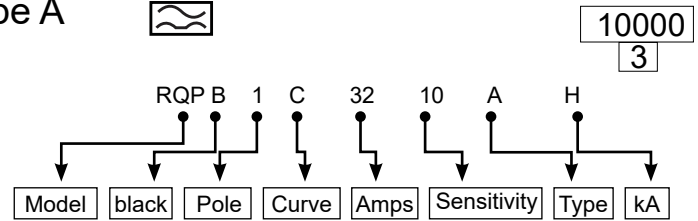
RCBO TYPE RQPB (1+N)



IEC/EN 61009-1

Type AC

Type A



Technical Data

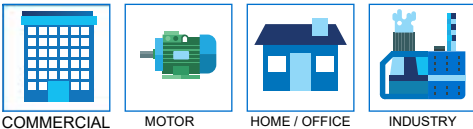
Thermal setting I_n	(A) 6-40
Residual Current $I_{\Delta n}$	(mA) 10,30,100,300
Tripping characteristic	B-C
Rated voltage AC U_n	(V) 240
Mechanical/electrical endurance	20000/4000
Tropicalisation acc.to EN/IEC 60068-2	RH at 50°C 95%
Terminal capacity flexible/rigid cable	(mm ²) 25
Poles	1+N
Weight (g/pole)	250
Color	Black

Short-circuit capacity

AC acc. to EN/IEC 61009-1

Residual making and breaking capacity	$I_{\Delta m}$ =6000A
Energy limiting class	3
Short-circuit capacity	I_{cn} =10000A at 240V

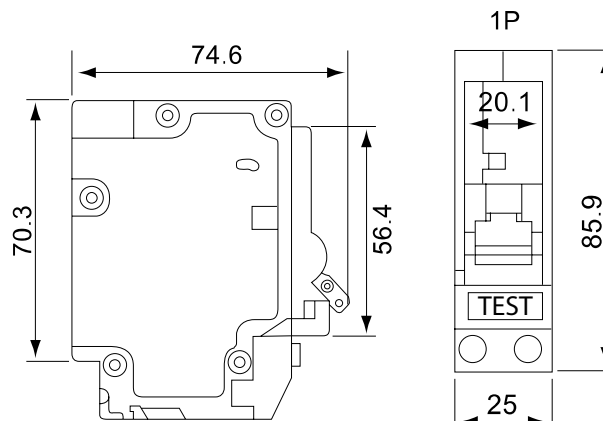
Application



Marking



Dimension





RQPB Electronic Combined RCBO/MCB Device , 10 kA 1 Pole 240V sensitivity(10,30,100,300) Type AC Curve B

Raring	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W610381	RQP1B0610H	W610388	RQP1B0630H	W610395	RQP1B06100H	W610402	RQP1B06300H
10	W610382	RQP1B1010H	W610389	RQP1B1030H	W610396	RQP1B10100H	W610403	RQP1B10300H
16	W610383	RQP1B1610H	W610390	RQP1B1630H	W610397	RQP1B16100H	W610404	RQP1B16300H
20	W610384	RQP1B2010H	W610391	RQP1B2030H	W610398	RQP1B20100H	W610405	RQP1B20300H
25	W610385	RQP1B2510H	W610392	RQP1B2530H	W610399	RQP1B25100H	W610406	RQP1B25300H
32	W610386	RQP1B3210H	W610393	RQP1B3230H	W610400	RQP1B32100H	W610407	RQP1B32300H
40	W610387	RQP1B4010H	W610394	RQP1B4030H	W610401	RQP1B40100H	W610408	RQP1B40300H

RQPB Electronic Combined RCBO/MCB Device , 10 kA 1 Pole 240V sensitivity(10,30,100,300) Type A Curve B

Raring	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W610409	RQP1B0610AH	W610416	RQP1B0630AH	W610423	RQP1B06100AH	W610430	RQP1B06300AH
10	W610410	RQP1B1010AH	W610417	RQP1B1030AH	W610424	RQP1B10100AH	W610431	RQP1B10300AH
16	W610411	RQP1B1610AH	W610418	RQP1B1630AH	W610425	RQP1B16100AH	W610432	RQP1B16300AH
20	W610412	RQP1B2010AH	W610419	RQP1B2030AH	W610426	RQP1B20100AH	W610433	RQP1B20300AH
25	W610413	RQP1B2510AH	W610420	RQP1B2530AH	W610427	RQP1B25100AH	W610434	RQP1B25300AH
32	W610414	RQP1B3210AH	W610421	RQP1B3230AH	W610428	RQP1B32100AH	W610435	RQP1B32300AH
40	W610415	RQP1B4010AH	W610422	RQP1B4030AH	W610429	RQP1B40100AH	W610436	RQP1B40300AH

RQPB Electronic Combined RCBO/MCB Device , 10 kA 1 Pole 240V sensitivity(10,30,100,300) Type AC Curve C

Raring	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W600622	RQPB1C0610H	W600629	RQPB1C0630H	W600636	RQPB1C06100H	W600643	RQPB1C06300H
10	W600623	RQPB1C1010H	W600630	RQPB1C1030H	W600637	RQPB1C10100H	W600644	RQPB1C10300H
16	W600624	RQPB1C1610H	W600631	RQPB1C1630H	W600638	RQPB1C16100H	W600645	RQPB1C16300H
20	W600625	RQPB1C2010H	W600632	RQPB1C2030H	W600639	RQPB1C20100H	W600646	RQPB1C20300H
25	W600626	RQPB1C2510H	W600633	RQPB1C2530H	W600640	RQPB1C25100H	W600647	RQPB1C25300H
32	W600627	RQPB1C3210H	W600634	RQPB1C3230H	W600641	RQPB1C32100H	W600648	RQPB1C32300H
40	W600628	RQPB1C4010H	W600635	RQPB1C4030H	W600642	RQPB1C40100H	W600649	RQPB1C40300H

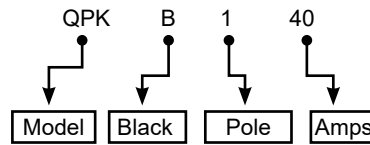
RQPB Electronic Combined RCBO/MCB Device , 10 kA 1 Pole 240V sensitivity(10,30,100,300) Type A Curve C

Raring	1 Pole 10mA		1 Pole 30mA		1 Pole 100mA		1 Pole 300mA	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
6	W608236	RQPB1C0610AH	W608243	RQPB1C0630AH	W608250	RQPB1C06100AH	W608257	RQPB1C06300AH
10	W608237	RQPB1C1010AH	W608244	RQPB1C1030AH	W608251	RQPB1C10100AH	W608258	RQPB1C10300AH
16	W608238	RQPB1C1610AH	W608245	RQPB1C1630AH	W608252	RQPB1C16100AH	W608259	RQPB1C16300AH
20	W608239	RQPB1C2010AH	W608246	RQPB1C2030AH	W608253	RQPB1C20100AH	W608260	RQPB1C20300AH
25	W608240	RQPB1C2510AH	W608247	RQPB1C2530AH	W608254	RQPB1C25100AH	W608261	RQPB1C25300AH
32	W608241	RQPB1C3210AH	W608248	RQPB1C3230AH	W608255	RQPB1C32100AH	W608262	RQPB1C32300AH
40	W608242	RQPB1C4010AH	W608249	RQPB1C4030AH	W608256	RQPB1C40100AH	W608263	RQPB1C40300AH



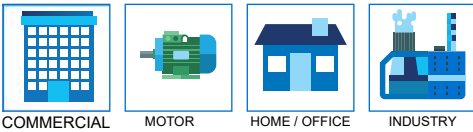
ISOLATOR TYPE QPK, QPKB

IEC/EN 60947-3



1 Residential Products

Application



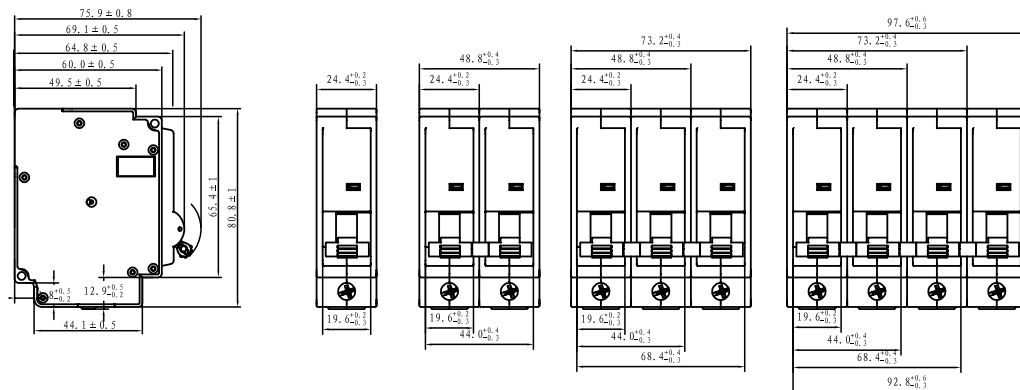
Technical Data

Thermal setting I_n	(A) 40-125
Rated voltage AC U_n	(V) 240V/415V
Mechanical/electrical endurance	20000/4000
Terminal capacity flexible/rigid cable	(mm ²) 35
Poles	1,2,3,4,
Weight (g/pole)	120

Marking



Dimension





QPK Plug-in IEC/EN60947-3 Isolator 40-125A. White

Rating	1 Pole		2 Pole		3 Pole		4 Pole	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
40	W600650	QPK140	W600654	QPK240	W600658	QPK340	W600662	QPK440
63	W600651	QPK163	W600655	QPK263	W600659	QPK363	W600663	QPK463
100	W600652	QPK1100	W600656	QPK2100	W600660	QPK3100	W600664	QPK4100
125	W600653	QPK1125	W600657	QPK2125	W600661	QPK3125	W600665	QPK4125

QPKB Plug-in IEC/EN60947-3 Isolator 40-125A.Black

Rating	1 Pole		2 Pole		3 Pole		4 Pole	
	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.
40	W608676	QPKB140	W608680	QPKB240	W608684	QPKB340	W608688	QPKB440
63	W608677	QPKB163	W608681	QPKB263	W608685	QPKB363	W608689	QPKB463
100	W608678	QPKB1100	W608682	QPKB2100	W608686	QPKB3100	W608690	QPKB4100
125	W608679	QPKB1125	W608683	QPKB2125	W608687	QPKB3125	W608691	QPKB4125



Worldwide



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