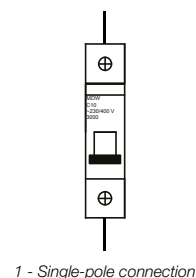


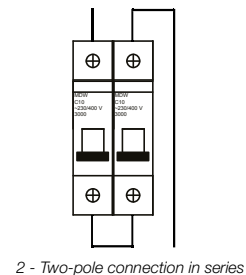
Technical Data MDWH

Maximum operating voltage - Ue			440 V ac / 250 V dc
Rated insulating voltage - Ui			500 V ac
Rated frequency			50 / 60 Hz - DC
Rated currents - In			6 to 63 A
Short-circuit breaking capacity	IEC 60898	127/220 V ac	10 kA
		230/400 V ac	Icn 10 kA / Ics 7.5 kA
	IEC 60947-2	127/220 V ac	10 kA
		230/400 V ac	10 kA
		440 V ac	7.5 kA
Short-circuit breaking capacity in direct current Icu, acc. to IEC 60947-2	48 V dc		(6 to 63 A) 16 kA ¹
	60 V dc		(6 to 63 A) 15 kA ¹
	125 V dc		(6 to 63 A) 10 kA ¹ and 15 kA ²
	250 V dc		(6 to 63 A) 5 kA ¹ and 10 kA ²
Tripping characteristic curves			B (3 to 5 times In)
			C (5 to 10 times In)
Number of poles			1, 2, 3 and 4P
Electrical lifespan			4.000 operations
Ambient temperature			-25 to 45 °C
Degree of protection			IP20
Connection capacity	MDWH (6 to 63 A)		1 to 25 mm²
Mounting position			No restriction
Tightening torque on the terminals			2.0 to 3.0 N.m
Fixation			DIN rail 35 mm
Weight (kg)	Single-pole		0.130 (6 to 63 A)
	Two-pole		0.260 (6 to 63 A)
	Three-pole		0.390 (6 to 63 A)
	Four-pole		0.520 (6 to 63 A)

Notas: 1- single-pole connection; 2- Two-pole connection in series.



1 - Single-pole connection



2 - Two-pole connection in series

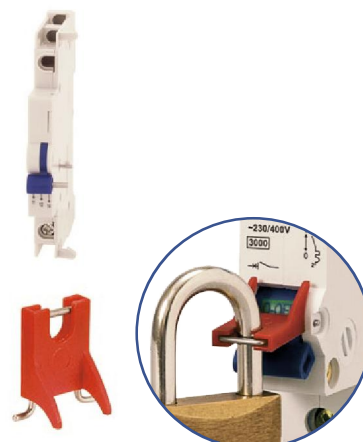
Dissipation of Power MDW (Standard IEC 60898)

Rated current range I _n (A)	Maximum dissipated active power per pole (W)
I _n ≤ 10	3
10 < I _n ≤ 16	3.5
16 < I _n ≤ 25	4.5
25 < I _n ≤ 32	6
32 < I _n ≤ 40	7.5
40 < I _n ≤ 50	9
50 < I _n ≤ 63	13
63 < I _n ≤ 100	15
100 < I _n ≤ 125	20

Accessories - MDWH

Auxiliary contact blocks			
References	Contact configuration	Application	Type
MDWH-BC1	1 NOC (1 SPDT)	MDWH (6 to 63 A)	Auxiliary Contact
MDWH-AL	1 NOC (1 SPDT)	MDWH (6 to 63 A)	Alarm Contact
MDWH-AX	2 NOC (1 SPDT)	MDWH (6 to 63 A)	Auxiliary Contact + Alarm Contact
Switching capacity of contacts MDWH-BC1 and MDWH-AL and MDWH-AX	AC-14		6 A/230 V ac - 3 A/400 V ac
	DC-12		2 A/60 V dc - 1 A/125 V dc
	DC-13		6 A/24 V dc - 2 A/48 V dc
Weight (kg)	0,040		

Padlock			
Reference	Application	Padlock diameter	Units per package
MDW-PLW63	MDWH (6 to 63 A)	Up to 5 mm	50



Example of application