

Description	RCCB WITH OVERCURRENT PROTECTION
Code	MDC 45
No. of poles	2P
No. modules	2
Rated current	25 A
Rated residual operating current	30 mA
Type	A
Curve	C
Rated voltage (IEC/EN 61009-1, 61009-2-1)	230/240 V
Energy limiting class	3

Standard	IEC/EN 61009-1, IEC/EN 61009-2-1	Rated frequency (Hz)	50/60 Hz
Breaking capacity IEC/EN 61009-1 230V (Icn)	4500 A	Breaking capacity IEC/EN 61009-1 (Ics)	1 x Icn
Breaking capacity IEC/EN 60947-2 230V (Icu)	6 kA	Breaking capacity IEC/EN 60947-2 (Ics)	100% Icu
Insulation voltage (Ui)	500 V	Level of immunity (8/20 μs)	250 A
Rated impulse withstand voltage (Uimp)	4 kV	Overvoltage category	III
Electrical endurance	10.000	Mechanical endurance	20.000
Section rigid cable	<=1x35 - <=2x16 - <=1x16+2x10 mm²	Section flexible cable	<=1x35 - <=2x16 - <=1x16+2x10 mm²
Double connection	YES (only down stream)	Rated tightening torque	2 Nm
Operating temperature	-25 +60° C (derating of In with T>30° C)	Stocking temperature	-40°C ÷ +70°C
Auxiliaries compatibility	Yes	ReStart compatibility	Yes
Assembly position	Any		

## DIMENSIONAL

## WIRING DIAGRAM

## STANDARDS/APPROVALS



GEWISS S.p.A. Via A. Volta, 1  
24069 Cenate Sotto - Bergamo - Italy  
tel. +39 035 94 61 11 fax +39 035 94 69 09  
Company subject to the management and  
coordination of Polifin S.p.A.

www.gewiss.com  
sat@gewiss.com  
Last update 18/06/2026

Data, measures, designs and pictures are shown  
only as informative purposes,  
and could be changed without previous notice