



Description	RCCB WITH OVERCURRENT PROTECTION
Code	MDC 45
No. of poles	3P
No. modules	3
Rated current	10 A
Rated residual operating current	300 mA
Type	A
Curve	C
Rated voltage (IEC/EN 61009-1, 61009-2-1)	400/415 V
Energy limiting class	1

Standard	IEC/EN 61009-1, IEC/EN 61009-2-1	Rated frequency (Hz)	50/60 Hz
Breaking capacity IEC/EN 61009-1 400V (Icn)	4500 A	Breaking capacity IEC/EN 61009-1 (Ics)	1 x Icn
Breaking capacity IEC/EN 60947-2 400V (Icu)	4.5 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	Assembly position	Any

DIMENSIONAL



WIRING DIAGRAM



STANDARDS/APPROVALS



<p>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.</p>	<p>www.gewiss.com sat@gewiss.com Last update 08/06/2026</p>	<p>Data, measures, designs and pictures are shown only as informative purposes, and could be changed without previous notice</p>
---	---	--