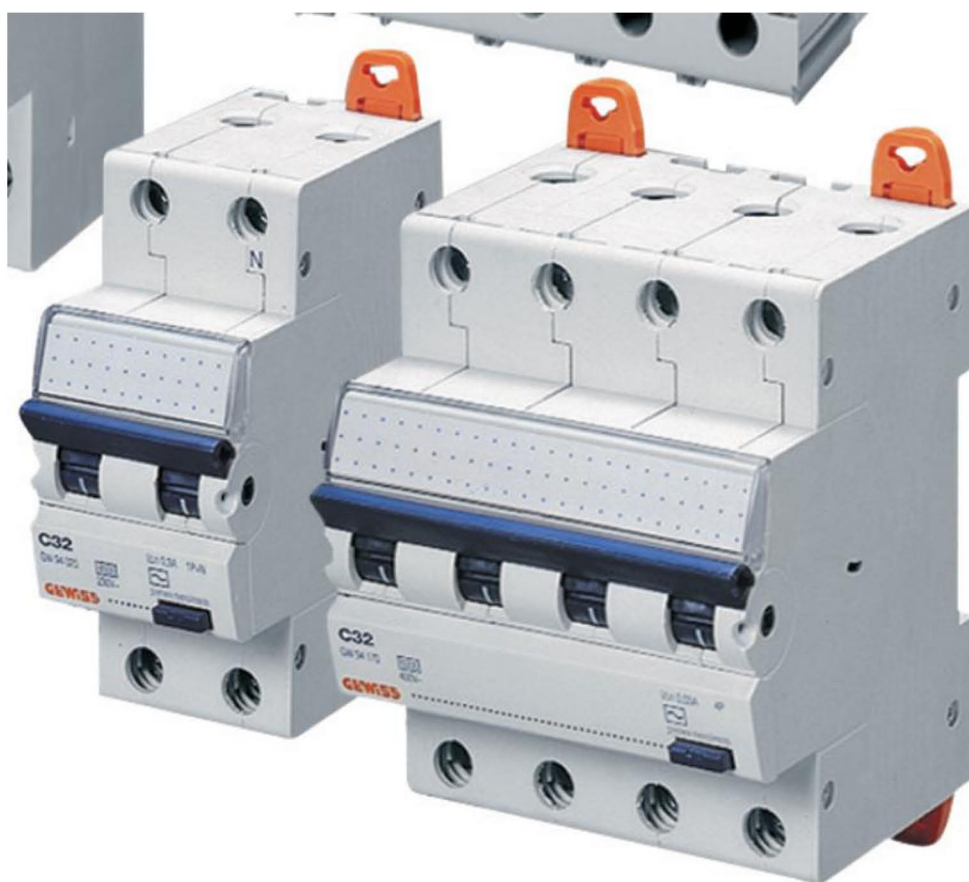


GEWISS

Personskyddsbrytare



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RCBO - MDC

TECHNICAL DATA

TYPE			MDC 45		MDC 60		MDC 100	
								
Standard			EN 61009-1		EN 61009-1		EN 61009-1	
Rated current (In) (A)			6-32		6-32		6-32	
Utilization category			A		A		A	
Rated operational voltage (Ue) (V AC)			230 / 400		230 / 400		230 ^(*)	
Insulation voltage (Ui) (V)			500		500		500	
Rated frequency (Hz)			50		50		50	
Number of poles			1+N, 2	3, 4	1+N,2	3, 4	1+N, 2	
BREAKING CAPACITY	Alternating current IEC 61009 - EN 61009 (A)							
		Icn	4500		6000		10000	
		Ics	1 Icn		1 Icn		0.75 Icn	
	Alternating current IEC 60947-2 - EN 60947-2 (kA) Ue (V)							
	Icu	230	6	6	7.5	7.5	10	
		400	-	4.5	-	6	-	
		Ics	100% Icu		100% Icu		75% Icu	
Rated residual operating current (IΔn) (mA)								
Type	AC		30		30		30	
			300		300		300	
	A		30		30		30	
			-		-		100	
			300		300		300	
	A[IR]		-		30		30	
	A[S]		-		300		-	
Level of immunity (8/20 μs) (A)			250		250 (for AC and A types) 3000 (for A[IR] and A[S] types)		250 (for AC and A types) 3000 (for A[IR] type)	
Residual making and breaking capacity (IΔm) (A)			Icn circuit breaker		4500		4500	
Range of test-button operating voltage (V)			170 ÷ 440		170 ÷ 440		170 ÷ 440	
Wiring	cable section (mm²)	rigid	≤35		≤35		≤35	
		flexible	≤35		≤35		≤35	
Electrical endurance (number of O-C cycles)			10000		10000		10000	
Mechanical endurance (number of O-C cycles):			20000		20000		20000	
Max. no. of usable modular accessories:			2		2		2	
ON / OFF status displayed			yes		yes		yes	
Rated tightening torque (Nm)			2		2		2	
Degree of protection	terminals (with terminal covers)		IP40		IP40		IP40	
	other parts		IP40		IP40		IP40	
Tropicalization			55°C - RH 95%		55°C - RH 95%		55°C - RH 95%	
Reference temperature (°C)			30		30		30	
Operating temperature (°C)			-25 +40		-25 +40		-25 +40	
Weight per pole (g)			115		120		120	
Tripping characteristic			C		C	B	C	B
Rated currents available (In) (A)			6		6	6	6	6
			10		10	10	10	10
			13		13	13	13	13
			16		16	16	16	16
			20		20	20	20	20
			25		25	25	25	25
			32		32	32	32	32

(*) 2P circuit breakers operating at 110V are available upon request