

Digital residual current circuit-breaker/miniature circuit-breaker, 25A, 100mA, miniature circuit-breaker trip curve: D, 1pole+N residual current circuit-breaker trip characteristic: F



Part no. FRBDM-D25/1N/01-F
Catalog No. 300631

Technical data ETIM 7.0

Circuit breakers and fuses (EG000020) / Earth leakage circuit breaker (EC000905)			
Electric engineering, automation, process control engineering / Electrical installation, device / Residual current protection system / MCB/RCCB combination (ecl@ss10.0.1-27-14-22-07 [AFZ810015])			
Number of poles (total)			2
Number of protected poles			1
Rated voltage	V		240
Rated insulation voltage U_i	V		250
Rated impulse withstand voltage U_{imp}	kV		4
Rated current	A		25
Rated fault current	A		0.1
Leakage current type			A
Current limiting class			3
Rated short-circuit breaking capacity acc. EN 61009	kA		10
Rated short-circuit breaking capacity IEC 60947-2	kA		0
Rated short-circuit breaking capacity I_{cn} acc. EN 61009-1	kA		10
Disconnection characteristic			Short-time delayed
Surge current capacity	kA		3
Voltage type			AC
Frequency			50 Hz
Release characteristic			D
Concurrently switching N-neutral			Yes
With interlocking device			No
Over voltage category			3
Pollution degree			2
Ambient temperature during operating	°C		-25 - 40
Width in number of modular spacings			2
Built-in depth	mm		70
Suitable for flush-mounted installation			No
Anti-nuisance tripping version			Yes
Degree of protection (IP)			IP20
Connectable conductor cross section solid-core	mm ²		1 - 25
Connectable conductor cross section multi-wired	mm ²		1 - 25