



Industrial Solutions
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Technical features (RCCBs) DCG+ Series

				DCG+
Standards				IEC/EN 61008
Electrical features				
Type (wave form of the earth leakage sensed)				AC
Poles				2P, 4P
Rated current I_n		A		25, 40, 63
Rated sensitivity $I_{\Delta n}$		mA		30
Rated voltage U_n		V		230/400 - 240/415
Insulation voltage U_i		V		500
Max. operating voltage of circuit test		V		254
Min. operating voltage of circuit test		V		110
Rated frequency		Hz		50, 60
Rated conditional short-circuit current $I_{nc} = I_{sc}$		kA		6 (with a SCPD-fuse gG 63A)
Rated residual breaking capacity $I_{\Delta m} = I_m$		kA		1
Rated impulse withstand voltage (1.2/50) U_{imp}		kV		4
Dielectric test voltage at ind. freq. for 1 min.		kV		2.5
Surge current resistance (wave 8/20)		A		250
Mechanical features				
Toggle				BLACK sealable in ON-OFF position
Contact position indicator (CPI)				not available
Electrical life				10.000
Mechanical life				20.000
Protection degree	housing			IP4X
	terminals			IP2X
Tropicalization acc. to IEC/EN 60068-2	humid heat	°C/RH		28 cycles with 55/95...100
	constant climatic conditions	°C/RH		23/83 - 40/93 - 55/20
	variable climatic conditions	°C/RH		25/95 - 40/95
Ambient temperature (with daily average $\leq +35$ °C)		°C		-5...+40
Storage temperature		°C		-40...+70
Installation				
Terminal type				failsafe bi-directional cylinder-lift terminal at top and bottom (shock protected)
Terminal size top/bottom for cable		mm ²		
Terminal size top/bottom for busbar		mm ²		25/25
Tightening torque		N*m		10/10
Tool				2.8
Mounting				Nr. 2 Pozidriv
Connection				on DIN rail EN 60715 (35 mm) by means of fast clip device from top and bottom
Dimensions and weight				
Dimensions (H x D x W)	2P	mm		85 x 69 x 35
	4P	mm		85 x 69 x 70
Weight	2P	g		200
	4P	g		350
Combination with auxiliary elements				
Combinable with:	F2C-ARH autoreclosing unit			yes (the 2 poles version 30mA and 100mA)