



DG+

Electrical features	Standards		IEC/EN 60898	
	Rated current in		A	6 - 63
	Poles			1, 2, 3
	Rated Voltage Ue	IEC 1P	V	230
		IEC 2P, 3P	V	230/400
	Insulation voltage Ui		V	250
	Max. operating voltage Ub max.	IEC AC	V	254/440
	Min. operating voltage Ub min.		V	12 V AC - 12 V DC
	Rated frequency		Hz	50...60
	Rated breaking capacity acc. to IEC/EN 60898		ultimate Icn	A
Mechanical features	Rated impulse withstand voltage (1.2/50) Uimp		KV	4 (test voltage 6,2. at sea level 5 at 2000 m)
	Dielectric strength at power freq. for 1 min.		KV	2,5
	Overvoltage category			III
	Pollution degree			2
	Thermomagnetic release characteristic		C: 5 In) Im)10 In	•
	Toggle			black sealable in ON-OFF position
	Electrical life		In < 32 A: 20,000 ops (AC), In ≥ 32 A: 10,000 ops. (AC)	
	Mechanical life/operations			20000
	Protections degree/operations		housing terminals	IP4X IP2X
	Installation	Mechanical shock resistance		
Resistance to vibrations acc. to IEC/EN 60060-2--6			5 g - 20 cycles at frequency 5...150...5 Hz with 0,8 x In	
Tropicalization acc. to IEC/EN 60068-2		humid heat constant climatic conditions variable climatic conditions	°C/RH °C/RH °C/RH	28 cycles with 55/95...100 23/28 - 40/93 - 55/20 25/95 - 40/95
Reference temperature for setting of thermal element		°C	30	
Ambient temperature (with daily averages) +35°C)		IEC	°C	-25...+55
Storage temperature		°C	-40...+70	
Terminal type			cage terminal	
Terminal size top/bottom for cable		IEC UL/CSA	mm² AWG	25/25 18-4
Tightening torque		IEC UL/CSA	N*m in-lbs.	2.5 22
Dimensions and weigh		Tool		
	Mounting			on DIN rail EN 60715 (35 mm) by means of fast clip device
	Mounting position			optional
	Connection			from top and bottom
	Pole dimensions (H x D x W)		mm	85 x 69 x 17.5
	Pole weight		g	125

Tripping diagrams

