

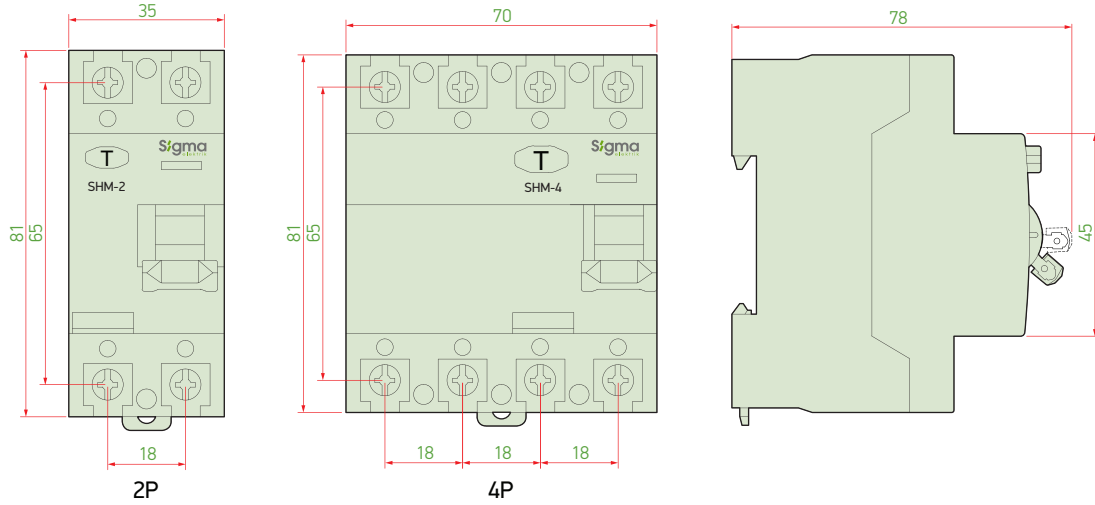
Technical Specifications

			SGM-2	SGM-4	SFM-2	SFM-4	SHM-2		SHM-4
Number of poles			2	4	2	4	2	2	4
Rated current	In	A	25, 32,40, 63, 80, 100, 125		25, 32, 40, 63, 80, 100		16, 25	25, 32, 40, 50, 63, 80, 100	
Rated residual current	IΔ	mA	30, 100, 300		30, 100, 300		10	30, 100, 300	
Rated frequency		Hz	50-60		50-60		50-60		
Type of residual current			AC		A		AC		
Tripping unit			Electro-mechanic		Electro-mechanic		Electro-mechanic		
Tripping time			0.5.....1 x IΔn		0.11.....1.4 x IΔn		0.5.....1 x IΔn		
Breaking time at residual current (IΔn)		ms	< 50		< 50		< 50		
Operating characteristic			General		General		General		
Rated operating voltage	Ue	(AC) V	240	415	240	415	240	240	415
Rated insulation voltage	Ui	V	660		660		660		
Rated impulse withstand voltage	Uimp	kV	6		6		6		
Rated short circuit withstand current with fuse (Inc/IΔc)		kA	10		10		6		
Electrical life (No. operation)	operation	(230 V)	6.000		6.000		6.000		
Mechanical life (No. operation)	operation		20.000		20.000		20.000		
Degree of protection (after assembly)			IP 20 (IP 40)		IP 20 (IP 40)		IP 20 (IP 40)		
Ambient operating temperature		°C	-25 to +60		-25 to +60		-25 to +60		
Storage temperature		°C	-40 to +70		-40 to +70		-40 to +70		
Relative humidity		%	90		90		90		
Dimensions	Width	mm	35	70	35	70	35	35	70
	Length	mm	80		80		80		
Assembly type (EN 60715)			35 mm DIN Rail		35 mm DIN Rail		35 mm DIN Rail		
Min.. Max. Connection section		mm²	4 - 50		4 - 35		4 - 35		

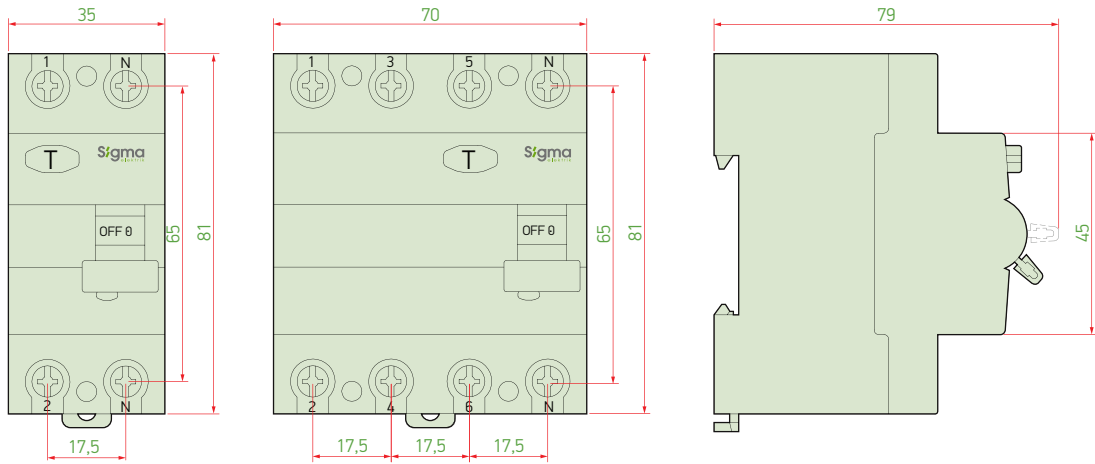
			SDM-2	SDM-4	SLM-2	SLM-4	SKM-2	SKM-4	SNM-2	SNM-4
Number of poles			2	4	2	4	2	4	2	4
Rated current	In	A	25, 32, 40, 63, 80		25, 40, 63, 80, 100		25, 40, 63		25, 40, 63	
Rated residual current	IΔ	mA	300		300		30, 300		30 mA AC - 6 mA DC	
Rated frequency		Hz	50-60		50-60		50-60		50-60	
Type of residual current			AC		A		B		B	
Tripping unit			Electro-mechanic		Electro-mechanic		Electro-mechanic		Electro-mechanic	
Tripping time			0.5.....1 x IΔn		0.5.....1 x IΔn		0.5.....1 x IΔn		0.5.....1 x IΔn	
Breaking time at residual current (IΔn)		ms	130 < t < 500		130 < t < 500		< 50		< 50	
Operating characteristic			Delay Time Selectivity		Delay Time Selectivity		General		General	
Rated operating voltage	Ue	(AC) V	240	415	230	415	230	415	230	415
Rated insulation voltage	Ui	V	660		660		660		660	
Rated impulse withstand voltage	Uimp	kV	6		6		6		6	
Rated short circuit withstand current with fuse (Inc/IΔc)		kA	6		10		10		10	
Electrical life (No. operation)	operation	(230 V)	6.000		6.000		1.000		2.000	
Mechanical life (No. operation)	operation		20.000		20.000		2.000		3.000	
Degree of protection (after assembly)			IP 20 (IP 40)		IP 20 (IP 40)		IP 20 (IP 40)		IP 20 (IP 40)	
Ambient operating temperature		°C	-25 to +60		-25 to +60		-25 to +40		-25 to +40	
Storage temperature		°C	-40 to +70		-40 to +70		-25 to +70		-25 to +70	
Relative humidity		%	90		90		90		90	
Dimensions	Width	mm	35	70	35	70	53,5	71,5	53,5	71,5
	Length	mm	80		80		81,5		81,5	
Assembly type (EN 60715)			35 mm DIN Rail		35 mm DIN Rail		35 mm DIN Rail		35 mm DIN Rail	
Min.. Max. Connection section		mm²	4 - 35		4 - 35		4 - 35		4 - 35	

Dimensions

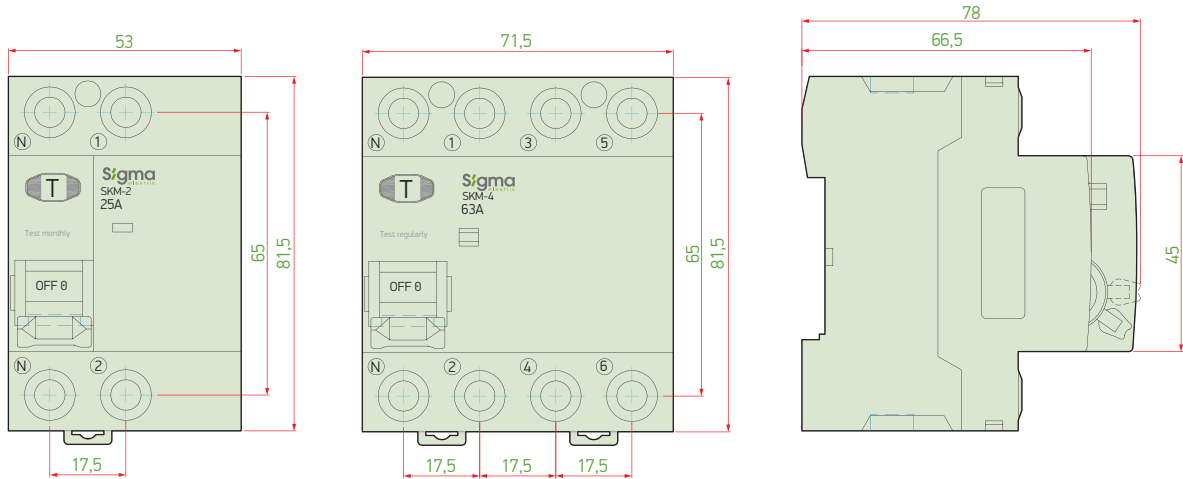
SHM2 - SHM4 / SDM2 - SDM4



SFM-2 / SFM-4 / SGM-2 / SGM-4



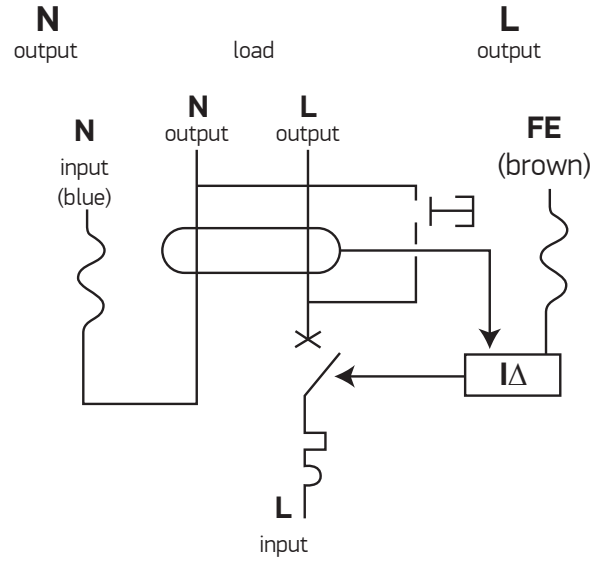
SKM-2 / SKM-4 / SNM-2 / SNM-4



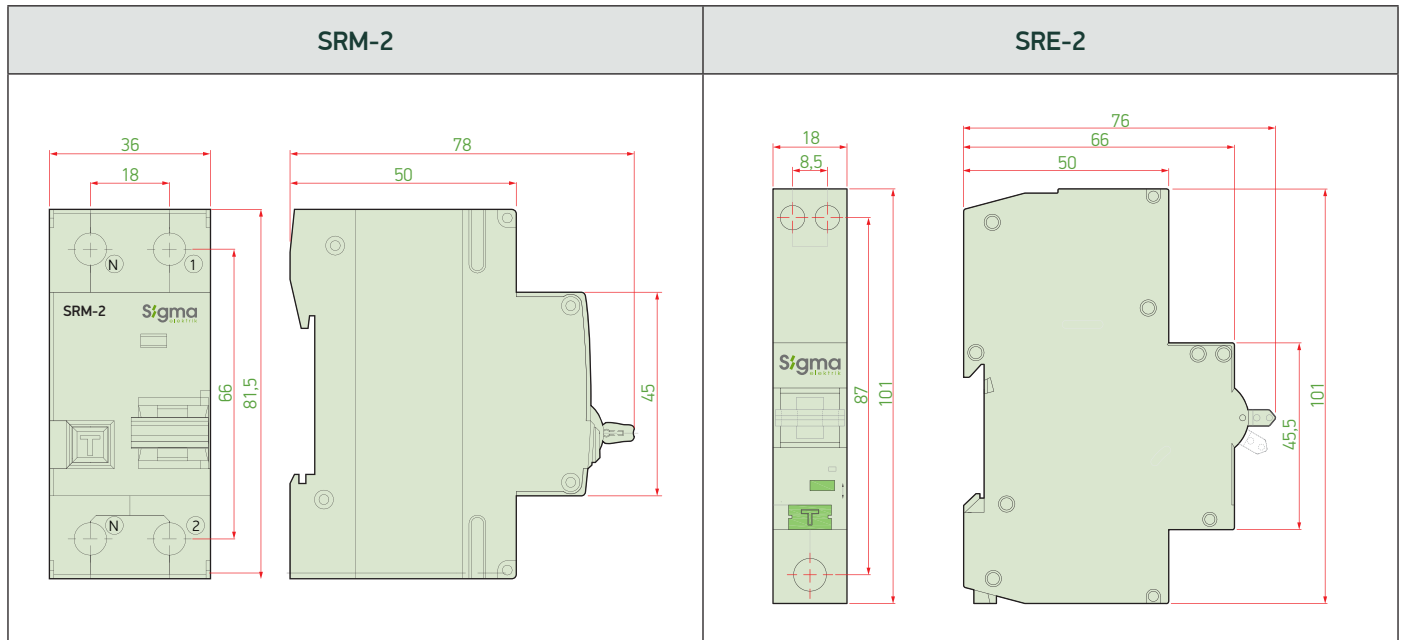
Technical Specifications

		SRE-2	SRM-2
Instantaneous tripping characteristic		B, C	B, C
Rated operating voltage	V AC	230 (240)	230
Rated frequency	Hz.	50...60	50...60
Rated current (I _n)	A	6, 10, 16, 20, 32, 40	6, 10, 16, 20, 32, 40
Residual current (I _{Δn})	mA	30-100-300	30-300
Rated ultimate short-circuit breaking capacity	kA	6	6
Connection section	mm ²	0.75 ... 16	1.5 - 3.5
Max. clamping torque	Nm	2	2
Degree of protection		IP20	IP20
Electrical life (No. operation)		6.000	6.000
Mechanical life (No. operation)		20.000	20.000
Storage ambient temperature	°C	-40 to +75	-40 to +70
Operating ambient temperature	°C	-25 to +55	-25 to +55
Relative humidity	%	90	90
CFC-silicone free		Yes	Yes

Circuit Diagram



Dimensions



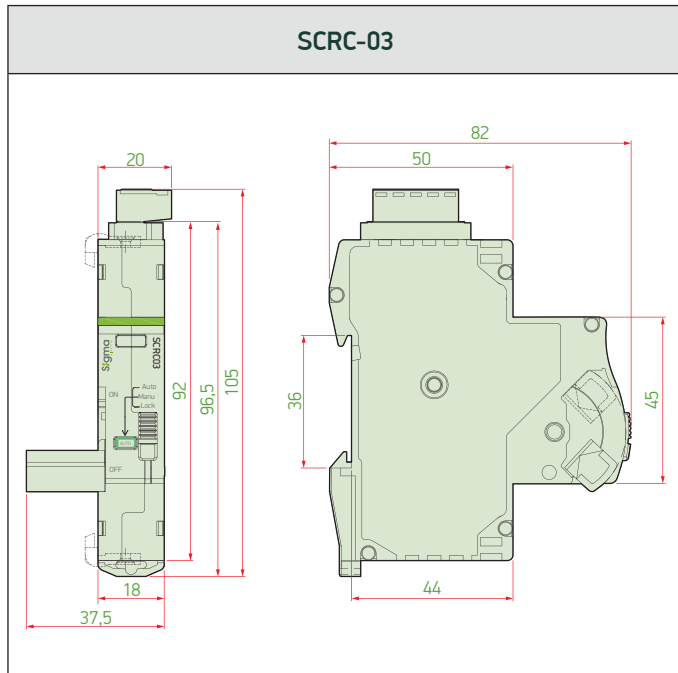
Sigma Auto Recloser (SCRC03)

The recloser is a device with an innovative and technological structure that ensures auto reclosing of the residual current circuit breaker in case of unwanted tripping. A residual current circuit breaker can often cause power outage due to temporary or permanent faults.

Technical Data

Power wiring	1P+N
Rated voltage	230V
Rated frequency	50/60Hz
Mecanical life	10.000 times
Trip time	Trips $\leq 0.2s$ Reclose $\leq 0.3s$ (time delay excluded)
Reclose time delay	1st: 10s, 2nd: 60s, 3th: 300s, 4th: locked
Protection Grade	IP20
Operation / Storage Temperature	-25 ... +55 / -40 ... +70
Relative Humidity	90%
Auto/Manu/Lock Operation Mode	Auto: Auto reclose function in work condition, as well as both open & close contacts work well. Manu: Auto reclose function doesn't work, both open & close contacts doesn't work as well. Lock: the device won't reclose after locked with hole diameter is 4.5mm, even manually.
Displays	Green & Long Bright: Normal work Red & flash(1time/1s): Auto-reclosing Red & Long Bright: Locked, auto reclose function and both open & close contacts doesn't work
Release "LOCK"	After visit at site and solved the faulty problem, the electrician needs to switch "AUTO" to "MANU" and "AUTO" again;

Dimensions



Function Description (Auto Mode)

