

Technical Specifications

		STRP-22	STRP-40	STRP-85	STRP-100	STRP-150	STRP-220
Current range	A	from 0.1A up to 22A	from 18A up to 40A	from 34A up to 85A	from 65A up to 125A	from 100A up to 150A	from 120A up to 240A
Tripping class		10 A	10 A	10 A	10A	10A	10A
Rated insulation voltage	V	690	690	690	690	690	690
Rated impulse voltage	kV	6	6	6	6	6	6
Rated frequency	Hz	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60
Auxiliary contact current (AC-15)	A	2 A (230 V)	2 A (230 V)	2 A (230 V)	2 A (230 V)	2 A (230 V)	2 A (230 V)
Auxiliary contact		1NO+1NC	1NO+1NC	1NO+1NC	1NO+1NC	1NO+1NC	1NO+1NC
Pollution degree		3	3	3	3	3	3
Reset method		Automatic / Manual	Automatic / Manual	Automatic / Manual	Automatic / Manual	Automatic / Manual	Automatic / Manual
Compatible contactor		SCG 9-25	SCG 32-40	SCG 50-95	SCM 100-125	SCM 150	SCM 180-250
Compatible DIN rail adaptor		SDR-22	SDR-40	SDR-85			
Ambient operating temperature	°C	-25 to +55	-25 to +55	-25 to +55	-25 to +55	-25 to +55	-25 to +55
Ambient storage temperature	°C	-40 to +70	-40 to +70	-40 to +70	-40 to +70	-40 to +70	-40 to +70

Delay Adjustable Electronic Overload Relay (SERP 25-40)

Current Range	1-10A(SP-10), 3-30A(SP-30)
Operating Voltage	90-260VAC, or 180-480VAC
Operating Frequency	50/60Hz
Operating Power	<2W
Operating Temperature	-20°C ... +55°C
Waiting (t)	0.2~10sec.
Asymmetry Set	%±10 (Current), %±15 (Time)
Contact	5A 250V AC Resistive Load
Mounting	35mm Din Rail

General

SEPR series electronic overload and phase lost relays are designed to prevent the failures originated from motor heat.

Usage of Relay and working principle

Time: Set larger than the motor's start current time and less than the motor's endurance time with over-current.

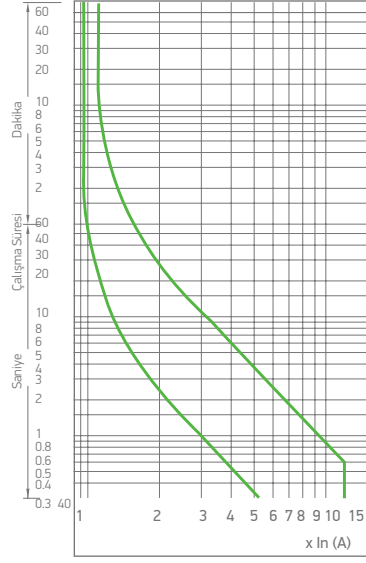
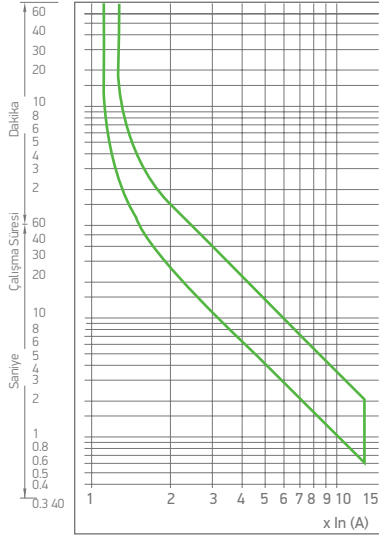
LOAD: Set over 110% of the motor started current or under 120% of its operating current.

Maintenance

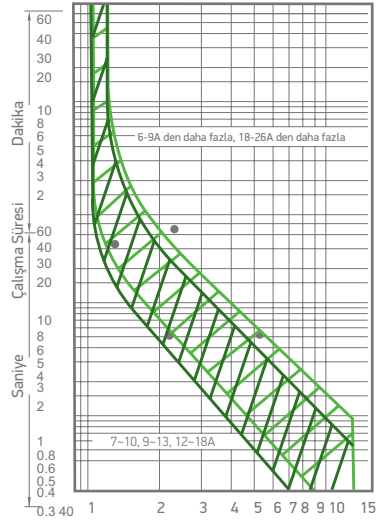
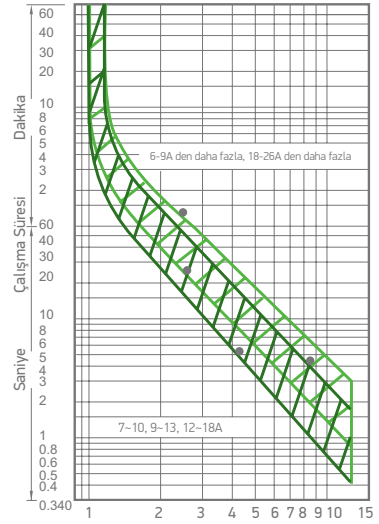
Periodic testing of TEST button is recommended to ensure the full protection and regularly as preventive maintenance.

- Switch off the device and release from connections.
- Clean the trunk of device with a swab.
- Don't use any conductor or chemical might damage the device.
- Make sure device works after cleaning.

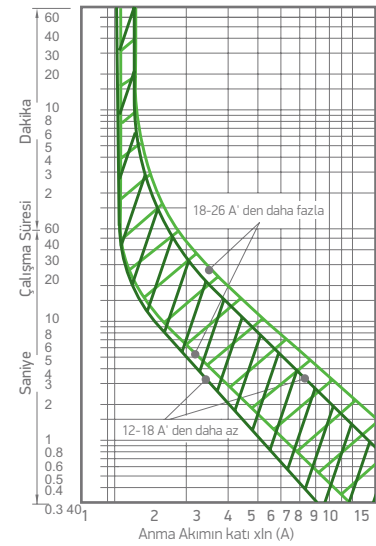
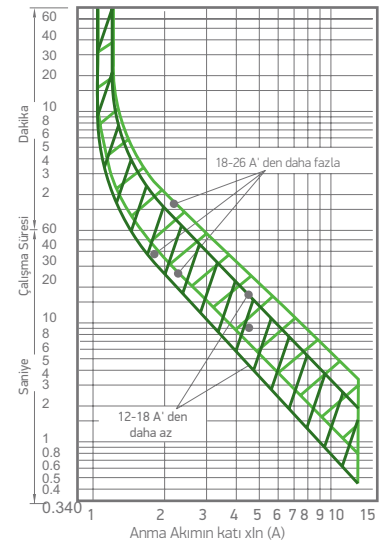
STRP-22



STRP-40

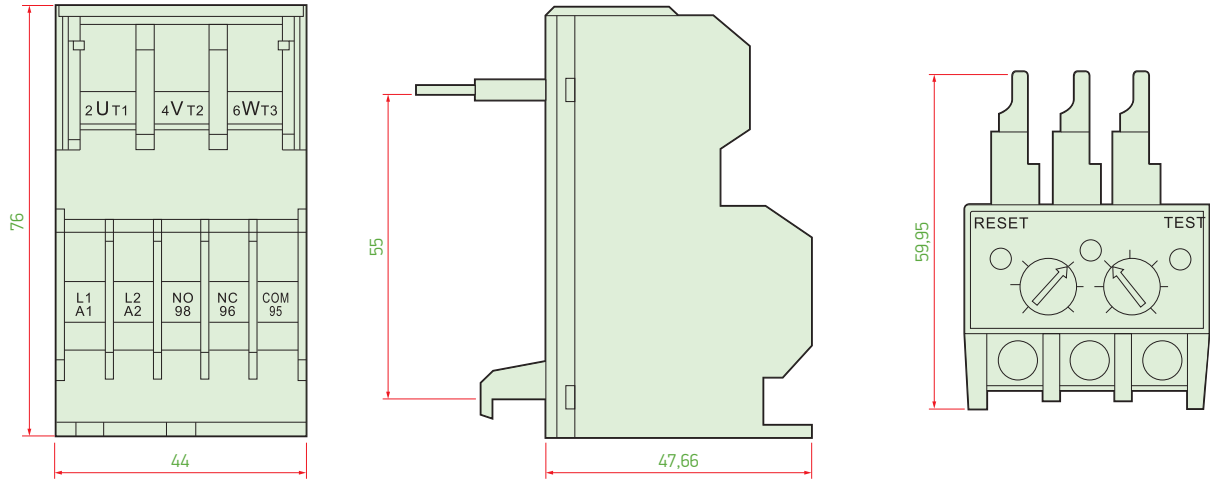


STRP-85



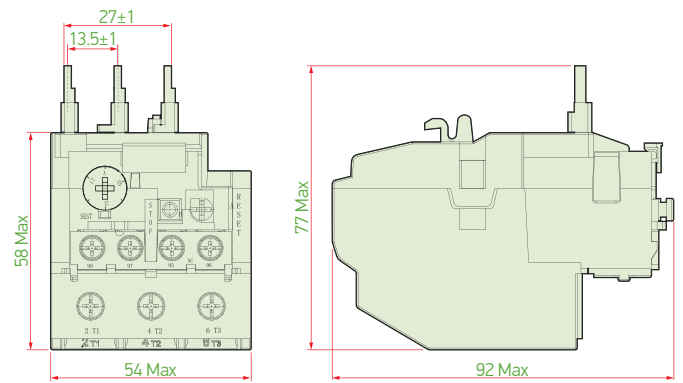
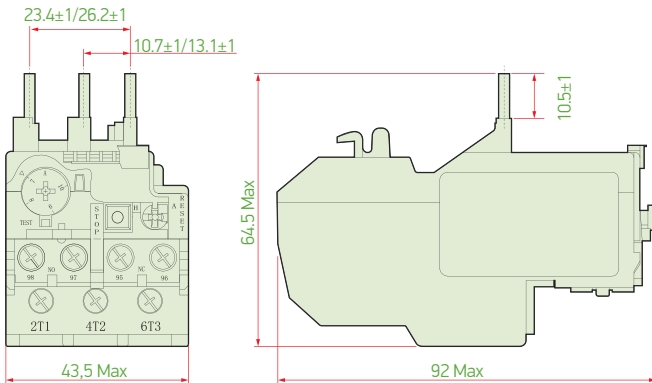
Dimensions

SERP 25 - SERP 40

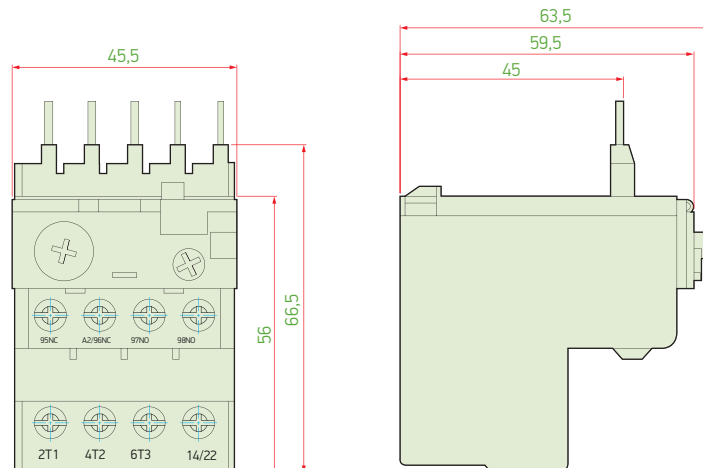


STRK-25

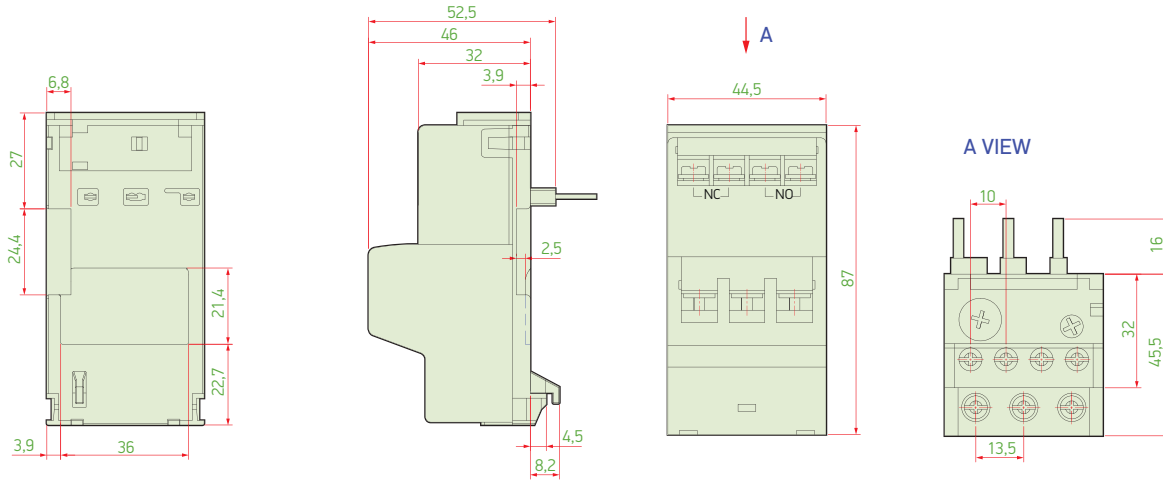
STRK-40



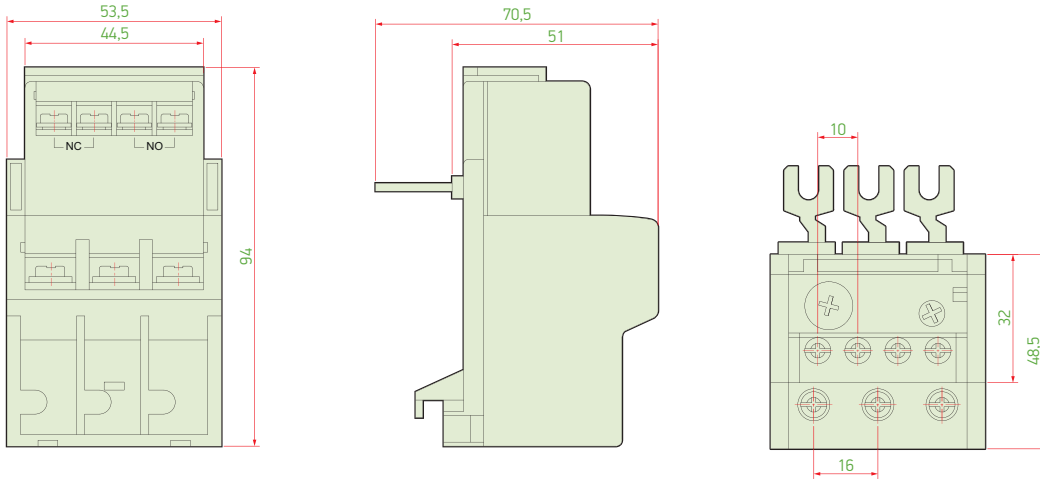
STRM-16



STRP 22



STRP 40



STRP 85

