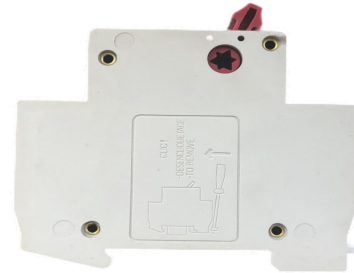


STH1-100 - MINI CIRCUIT BREAKER ISOLATOR**DESCRIPTION / APPLICATION**

An isolator is applied to switch on and off the circuit of terminal boxes or control motors, electrical apparatus, and lighting systems. It is in conformity with IEC 60947-1/IEC 60947-3 standard.

MAIN TECHNICAL DATA

Electrical Features	Standard		IEC 60947-1/IEC60947-3
	Rated current	A	32A,63A,100A
	Poles		2P, 3P, 4P*
	AC Volts	V	230V, 415V
	Rated frequency	Hz	50/60
	Rated breaking capacity	kA	/
	Rated short-time withstand current Icw		12Ie, t=1s
	Rated making and breaking capacity		3Ie, 1.05Ue, COSφ0.65
	Rated short circuit making capacity		20Ie, t=0.1s
	Utilization category		AC-22A
Mechanical Features	Thermo-magnetic release characteristic	Curve	/
	Electrical life expectancy	Times	3000
	Mechanical life expectancy	Times	10000
	Protection degree		IP20
	Best Ambient temperature	°C	30
Installation	Ambient temperature (with daily average ≤35°C)	°C	-30°C to +60°C
	Terminal connection type		Cable/Pin-type busbar
	Connection		Top and bottom
	Tighten torque (max)	Nm	2.5Nm
	Mounting		DIN Rail EN 60715(35mm) by means of fast clip device

PART NUMBER EXAMPLE

BASE NUMBER	KA RATING	POLES	AMPERAGE	CURVE
IS-STH1-100	/	2P	63A	/
EXAMPLE	IS-STH1-100-263			

DIMENSIONS AND MOUNTING

