

# IS-SE-63 - SAMITE 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 60947-3 standard.

## MAIN TECHNICAL DATA

Electrical Features	Standard		IEC60947-3
	Rated current	A	10, 16, 20, 25, 32, 40, 50, 63A
	Poles		2P
	AC Volts	V	230V
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage Uimp (kV)	kA	6kV
	Rated short-time withstand current Icw		800A, t=1s
	Rated insulation voltage Ui	V	500V
	Rated short-time making capacity Icm	A	1000A
	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 $\leq 35^{\circ}\text{C}$ )	°C	-30°C to +60°C
	Terminal connection type		Cable/Pin-type busbar
	Connection		Top and bottom
	Tighten torque (max)	Nm	2.0Nm
	Mounting		MINI DIN Rail by means of fast clip device

**PART NUMBER EXAMPLE**

BASE NUMBER	KA RATING	POLES	AMPERAGE	CURVE
IS-SE-63	/	2P	63A	/
<b>EXAMPLE</b>	<b>IS-SE-63-263</b>			

**DIMENSIONS AND MOUNTING**

