

ADH1-100 - MINI CIRCUIT BREAKER



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	20A,32A,40A,63A,80A,100A,125A
	Poles		1P, 2P, 3P, 4P*
	AC Volts	V	230V, 400V
	Rated frequency	Hz	50/60
	Rated breaking capacity	kA	/
	Rated short-time withstand current I _{cw}		12I _e , t=1s
	Rated making and breaking capacity		3I _e , 1.05U _e , COSφ0.65
	Rated short circuit making capacity		20I _e , 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-ADH1-100	/	1P	32A	/
EXAMPLE	IS-ADH1-100 132			

DIMENSIONS AND MOUNTING

