

FAHM

AC Moulded Case Isolator Switch



Application

FAHM series moulded case isolator switch is a new type product developed and manufactured by Adopting international advanced technology. It is supplied with rated insulation voltage 800V and used for circuit of AC 50Hz, rated operation voltage AC 400V or below rated operation current up to 1600A for infrequent changing over and starting of the motors. The product conforms to IEC60947-3 standard.

Working Condition

- Not over altitude 2000m
- Ambient temperature is between -5℃ to+40℃
- Withstand the influence of moist air;
- Withstand the influence of smoke fog,salt mist;
- Withstand the influence of fungus;
- The max. gradient is 22.5℃ ;
- Working reliable under the condition of normal vibration in ship;
- Working reliable under the condition of earth quake(4g);
- Working in the medium which not any explosive, no enough dielectric to corrode metal,no gas to damage insulation and electric conduction dust.
- Working in the place would not be invaded by rain and snow.

Classification

- According to the pole number of products,it classifies two-pole(100A, 225A), three-pole(no four-pole for FAHM-800), the neutral pole(N-pole) of the four-pole breakers has four types;
- According to rated current of products, it classifies:
 FAHM-63: (6) 32A, 40A, 50A, 63A;
 FAHM-125: (10) 63A, 80A,100A, 125A;
 FAHM-250: 125A, 140A, 160A,180A, 200A, 225A, 250A;
 FAHM-400: 225A, 250A, 315A, 350A, 400A;
 FAHM-630: 400A, 500A, 630A;
 FAHM-800: 630A, 700A, 800A;
- According to connection mode, it classifies front in wiring,rear in wiring, and plug in type.
- According to over-current release type, it classifies the thermodynamic-magnetic (binary) type and magnetic (instantaneous) releases.

Technical Parameter for The Breaker

Model	Rated Frame Current (A)	Rated Current (A)	Rated Working Voltage (V)	Rated Insulated Voltage (V)	Overall Dimension			Mounting Dimension(Front in Wiring)		
					L	W 3P/4P	H	A	B	4-Φd
FAHM-63	63	6,10,16,20,25,32,40,50,63	AC400V	AC500V	135	78	73.5	25	117	Φ3.5
FAHM-125	125	10,16,20,25,32,40,50,63,80,100	AC690V	AC800V	150	92	68	30	129	Φ4.5
FAHM-250	250	100,125,140,160,180,200,225	AC690V	AC800V	165	107	86	35	12	Φ4.5
FAHM-400	400	225,250,315,350,400	AC690V	AC800V	257	150/198	105	44	194	Φ7
FAHM-630	630	400,500,630	AC690V	AC800V	270	182/240	110	58	200	Φ7
FAHM-800	800	630,700,800	AC690V	AC800V	275	210	115.5	70	243	Φ7