



HUM1 moulded case circuit breaker

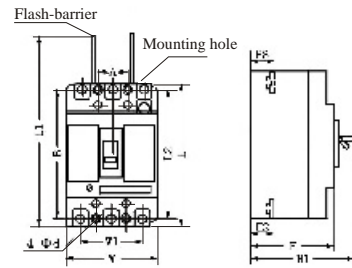


Model	Frame size rated current (A)	Rated operation voltage (V)	Rated insulation voltage (V)	Rated limit short-circuit breaking capacity (kA)
				400V/690V
HUM1-400L	400	690	500	50
HUM1-400M	400	690	500	65
HUM1-400H	400	690	500	100
HUM1-630C	630	690	500	35
HUM1-630L	630	690	500	50
HUM1-630M	630	690	500	65
HUM1-800M	800	690	500	75
HUM1-800H	800	690	500	100
HUM1-1250	1250	690	500	85

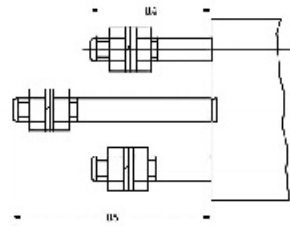
Application

It is divided into four types, Type C (basic type), Type L (standard type), Type M (high breaking capacity type), and Type H (higher breaking capacity type). It has characteristics of small size, high breaking capacity, short arcing, resist to vibration, and so on, which is an ideal product for the use on land and in ship. It is applied in the line of AC 50Hz, voltage 660V or below, rated insulation voltage up to 800V (for HUM1-63, it's 500V), and it can work for the use of infrequent changeover and infrequent start of motor.

Circuit breaker has overload, short-circuit and under-voltage protection device, which can protect the line and power supply equipments from damage. There are two kinds of installation, vertical installation (erect installation) and horizontal installation (transverse installation). It accords with IEC 60947-2 standard.

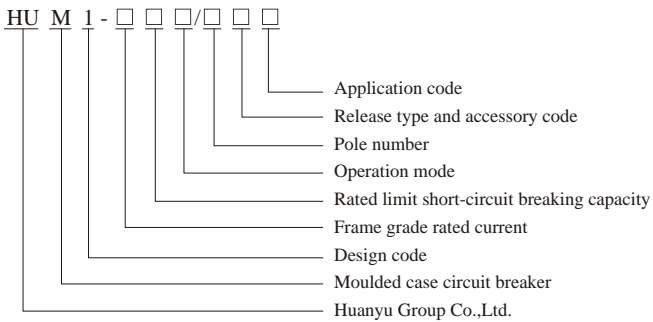


Front connection



Rear connection

Model and meaning



Main technical parameter

Model	Frame size rated current (A)	Rated operation voltage (V)	Rated insulation voltage (V)	Rated limit short-circuit breaking capacity (kA)
				400V/690V
HUM1-63L	63	400	500	25
HUM1-63M	63	400	500	50
HUM1-100C	100	690	500	25
HUM1-100L	100	690	500	35
HUM1-100M	100	690	500	50
HUM1-100H	100	690	500	85
HUM1-225C	225	690	500	25
HUM1-225L	225	690	500	35
HUM1-225M	225	690	500	50
HUM1-225H	225	690	500	85
HUM1-400C	400	690	500	35

Main technical parameter

Model	Contour dimension											Installation size		
	Front connection							Rear connection				A	B	Φd
	W	L	H	W1	L1	H1	H2	H3	L2	H4	H5			
HUM1-63L	78	135	74	50	170	90.5	20	20	117	57	75	25	117	3.5
HUM1-63M	78	135	82	50	170	90.5	28	28	117	57	75	25	117	3.5
HUM1-100C	92	150	68	60	187	86	24	24	129	63	103	30	129	4.5
HUM1-100L	92	150	68	60	187	86	24	24	129	63	103	30	129	4.5
HUM1-100M	92	150	86	60	187	104	24	24	129	63	103	30	129	4.5
HUM1-100H	92	150	86	60	187	104	24	24	129	63	103	30	129	4.5
HUM1-225C	107	165	86	70	187	110	24	24	144	65	110	35	126	4.5
HUM1-225L	107	165	86	70	215	110	24	24	144	65	110	35	126	4.5
HUM1-225M	107	165	103	70	215	127	24	24	144	65	110	35	126	4.5
HUM1-225H	107	165	103	70	215	127	24	24	144	65	110	35	126	4.5
HUM1-400C	140	257	105	88	357	153	36.5	36.5	224	70	120	44	215	7
HUM1-400L	140	257	105	88	357	153	36.5	36.5	224	70	120	44	215	7
HUM1-400M	140	270	105	88	370	153	36.5	36.5	234	70	125	44	215	7
HUM1-630C	182	270	110	116	370	160	43	43	234	61	121	58	200	7
HUM1-630L	182	270	110	116	370	160	43	43	234	61	121	58	200	7
HUM1-630H	182	270	110	116	370	160	43	43	234	61	121	58	200	7
HUM1-630M	210	280	107	140	380	142	33	33	296	96	96	70	243	7
HUM1-800M	210	280	107	140	380	142	33	33	296	96	96	70	243	7
HUM1-800H	210	280	107	140	380	142	33	33	296	96	96	70	243	7
HUM1-1250	210	406	158	140	479	193	45	45	375	-	-	70	375	11