

Interrupor - Desconectador (tipo HGM NA) : 50 ~ 800 AF

Interrupor - desconectador es un interruptor para la desconexión sin función de protección, en formato caja moldeada, por lo que todos los accesorios pueden ser compartidos



Rated Insulation Voltage, Ui	1,000 V	Suitability for Isolation	Yes
Rated Operational Voltage, Ue	690 V	Utilization Category	AC 22 A/AC 23 A - DC 22 A/DC 23 A
Rated Impulse Withstand Voltage, Uimp	8 kV	Pollution Degree	3
		Reference Standard	IEC 60947-3

Model Name			HGM50NA	HGM100NA	HGM125NA	HGM160NA	HGM250NA	HGM400NA	HGM630NA	HGM800NA
Frame	(AF)	50	100	125	160	250	400	630	800	
Number of Poles	(P)	3, 4 ¹⁾	3, 4 ¹⁾	3, 4 ¹⁾	3, 4 ¹⁾	3, 4 ¹⁾	3, 4 ¹⁾	3, 4 ¹⁾	3, 4 ¹⁾	
Conventional Free Air Thermal Current, Ith at 60 °C	(A)	50	100	125	160	250	400	630	800	
Rated Operational Current [Ie]										
AC 690 V (50/60 Hz)		50	100	125	160	250	400	630	800	
DC 125 V (1 Pole Connection)		50	100	125	160	250	400	630	800	
DC 250 V (2 Pole Connection)		50	100	125	160	250	400	630	800	
Rated Short Circuit Making Current [Icm] (kA Peak @ AC 460)		0.8	1.7	2.1	2.7	4.2	6.8	10.7	13.6	
Rated Short Time Withstand Current [Icw] (kA rms)		1	1	1	2	2	4	6.3	8	
Endurance [times] (Durability)										
Mechanical		30,000	30,000	30,000	25,000	25,000	4,000	2,500	2,500	
In @ 440 V		10,000	10,000	10,000	10,000	10,000	1,000	500	500	
Accessory										
Internal	Auxiliary Switch	AUX	●	●	●	●	●	●	●	●
	Alarm Switch	ALT	●	●	●	●	●	●	●	●
	Shunt Trip	SHT	●	●	●	●	●	●	●	●
	Under-Voltage Trip	UVT	●	●	●	●	●	●	●	●
External	Rotary Handle	Front Contact	TFG	●	●	●	●	●	●	●
		Extension	TFH	●	●	●	●	●	●	●
		Mechanical Open/Close Device	MOT	●	●	●	●	●	●	●
		Mechanical Interlock	MIF	●	●	●	●	●	●	●
		Handle Locking Device	PLD	●	●	●	●	●	●	●
	Plug-in	TDM (LINE/LOAD)	● (3P Only)	● (3P Only)	● (3P Only)	● (3P Only)	● (3P Only)	● (3P Only)	● (3P Only)	● (3P Only)
		TDM (LINE Only)	● (3P Only)	● (3P Only)	● (3P Only)	● (3P Only)	● (3P Only)	● (3P Only)	● (3P Only)	● (3P Only)
		TDF (LINE Only)	● (3P Only)	● (3P Only)	● (3P Only)	-	-	-	-	-
		TDA (1 row)	● (3P Only)	● (3P Only)	● (3P Only)	-	-	-	-	-
		TDA (2 rows)	● (3P Only)	● (3P Only)	● (3P Only)	-	-	-	-	-
		Cage Terminal Block	CTB	●	●	●	●	●	●	●
		Terminal Cover	TCF	●	●	●	●	●	●	●
		Insulation Barrier	TQQ	●	●	●	●	●	●	●
		Terminal Bus Bar	TBB	-	-	-	●	●	●	●
Installation and Dimensions										
Connection/ Installation	Front Connection	Terminal Screw			Terminal Screw, Terminal Bus Bar	Terminal Screw, Terminal Bus Bar	Terminal Screw	Terminal Screw, Terminal Bus Bar		
	Rear Connection	Horizontal/Vertical			Horizontal/Vertical	Horizontal/Vertical	Horizontal/Vertical Cable	Horizontal/Vertical Cable		
	Plug-in	Switchgear (Line & Load, Line Only), Distribution Panel			Switchgear (Line & Load, Line Only)	Switchgear (Line & Load, Line Only)	Switchgear (Line & Load, Line Only)	Switchgear (Line & Load, Line Only)		
Dimension (mm)	DIN Rail Installation	Possible if DIN Rail adaptor is be used			-	-	-	-		
	a (3/4P)	75/100	75/100	90/120	105/140	105/140	140/184	210/280		210/280
	b	130	130	155	165	165	257	280		280
	c	68	68	68	68	68	110	110		110
Weight (kg)	3/4P	0.8/1.0	0.8/1.0	1.0/1.3	1.3/1.7	1.3/1.7	4.5/5.4	9.5/12.5		9.5/12.5
Detailed Rating and Selection		232 Page	232 Page	232 Page	232 Page	232 Page	232 Page	232 Page		232 Page
Characteristic Curve and Appearance		166 Page	166 Page	167 Page	168 Page	168 Page	169 Page	170 Page		170 Page

※ 1) 4 Pole Arrangement : Basic specification of R-S-T-N (N-R-S-T is optional.)