



HGP MCCB

Interruptor caja moldeada
Reg. curva y corriente



Características técnicas

HGP - Int. automático con relé electrónico

Características en común				Características en común			
Tensión de aislamiento, Ui	1,000 V			Idoneidad para el aislamiento	Sí		
Tensión de empleo, Ue	690 V			Categoría utilizada	A		
Tensión al impulso, Uimp	8 kV			Grado de polución	3		
Función de protección	Sobrecarga, cortocircuito y protección instantánea			Norma internacional	IEC60947-2		

Modelo		HGP50D				HGP125D				HGP160D					
Marco	(AF)	50				125				160					
Polos	(P)	3, 4 ¹⁾				3, 4 ¹⁾				3, 4 ¹⁾					
	Código para pedido	F ⁴⁾	S	H	X	F ⁴⁾	S	H	X	F ⁴⁾	S	H	X		
Poder de corte [Icu] (kA rms)	AC 600/660 V	6	8	8	10	6	8	8	10	6	8	8	10		
	AC 480/500 V	25	50	65	100	25	50	65	100	25	50	65	100		
	AC 440/460 V	36	65	85	150	36	65	85	150	36	65	85	150		
	AC 380/415 V	50	85	100	150	50	85	100	150	50	85	100	150		
	AC 220/240 V	65	100	130	200	65	100	130	200	65	100	130	200		
	DC 250 V ³⁾	36	65	85	100	36	65	85	100	36	65	85	100		
Capacidad de corte en servicio [Ics = % Icu] (kA rms)		100	100	100	100	100	100	100	100	100	100	100	100		
Poder de corte [Icu] (kA lcm)	AC 600/660 V	9	14	14	17	9	14	14	17	9	14	14	17		
	AC 480/500 V	53	105	143	220	53	105	143	220	53	105	143	220		
	AC 440/460 V	76	143	187	330	76	143	187	330	76	143	187	330		
	AC 380/415 V	105	187	220	330	105	187	220	330	105	187	220	330		
	AC 220/240 V	143	220	286	440	143	220	286	440	143	220	286	440		
Endurancia (Ciclos)	Mecánica	25,000				25,000				25,000					
	Eléctrica	10,000				10,000				10,000					
Dispositivo de disparo		●				●				●					
Magneto-térmico	Intensidad nominal en 40 °C (A)	16, 20, 25, 32, 40, 50				16, 20, 25, 32, 40, 50, 63, 75, 80, 100, 125				100, 125, 160					
	Ajuste [LT]	(0.8-0.9-1.0)×In				(0.8-0.9-1.0)×In				(0.8-0.9-1.0)×In					
	Instantáneo [INST]	16-32A : 400A, 40-50A : 10×In				16-32A : 400A, 40-50A : 10×In				10×In					
	Intensidad nominal en 40 °C (A)	-				-				-					
Ajuste [LT]	Ir (A)	N, D, A, E	-				-				-				
			Tr (s)	N, D, A, E	-				-				-		
	Isd (A)	N, D, A, E			-				-				-		
			Tsd (s)	N, D, A, E	-				-				-		
Electrónico	Instantáneo [INST]	Ii (A)			N, D, A, E	-				-				-	
			Tiempo de corte (s)	N, D, A, E		-				-				-	
	Protección de fallo a tierra [GFT]	Ig (A)			N, D, A, E	-				-				-	
			Tg (ms)	N, D, A, E		-				-				-	
Neutro protegido (L, S) (A)	N, D, A, E				-				-						
Instalación y dimensiones															
Conexión/Instalación	Conexión frontal	Terminal de tornillo				Terminal de tornillo				Terminal de tornillo					
	Conexión trasera	Horizontal/Vertical				Horizontal/Vertical				Horizontal/Vertical					
	Extraíble	Cuadro distribución (Linea & Carga, Sólo Linea)				Cuadro distribución (Linea & Carga, Sólo Linea)				Cuadro distribución (Linea & Carga, Sólo Linea)					
Dimensiones (mm)	a (3/4P)	90/120				90/120				90/120					
	b	140				140				140					
	c	86				86				86					

※ 1) 4polos: Disposición habitual tipo R-S-T-N (Neutro lado derecho)
2) Solo aplicable si Ir < 0.63 ("1" es aplicable si Ir ≥ 0.63)

Características técnicas

HGP - Int. automático con relé electrónico

Accesorios

Internos	Contacto auxiliar (AUX), Señalización alarma (ALT), Bobina de emisión (SHT), Bobina de mínima (UVT)
Externos	Mando rotativo - Directo (TFG)/Extendido (TFH), Mando motorizado (MOT), Enclavamiento mecánico (MIF), Bloqueo candado (PLD), Bloque prensables (CTB), Cubrebornes (TCF), Separador de fases (TQQ).

HGP100					HGP160				HGP250				HGP400				HGP630				HGP800													
100					160				250				400				630				800													
3, 4 ¹⁾					3, 4 ¹⁾				3, 4 ¹⁾				3, 4 ¹⁾				3, 4 ¹⁾				3, 4 ¹⁾													
F ⁽⁴⁾	S	H	X		F ⁽⁴⁾	S	H	X		F ⁽⁴⁾	S	H	X		F ⁽⁴⁾	S	H	X		F ⁽⁴⁾	S	H	X		F ⁽⁴⁾	S	H	X						
6	8	8	10		6	8	8	10		6	8	8	10		10	10	20	35		10	10	20	35		10	10	20	35		10	10	20	35	
25	50	65	100		25	50	65	100		25	50	65	100		25	50	70	100		25	50	70	100		25	50	70	100		25	50	70	100	
36	65	85	150		36	65	85	150		36	65	85	150		36	70	85	150		36	70	85	150		36	70	85	150		36	70	85	150	
50	85	100	150		50	85	100	150		50	85	100	150		50	85	100	150		50	85	100	150		50	85	100	150		50	85	100	150	
65	100	130	200		65	100	130	200		65	100	130	200		65	100	130	200		65	100	130	200		65	100	130	200		65	100	130	200	
36	65	85	100		36	65	85	100		36	65	85	100		36	65	85	100		36	65	85	100		36	65	85	100		36	65	85	100	
100	100	100	100		100	100	100	100		100	100	100	100		100	100	100	100		100	100	100	100		100	100	100	100		100	100	100	100	
9	14	14	17		9	14	14	17		9	14	14	17		17	17	40	74		17	17	40	74		17	17	40	74		17	17	40	74	
53	105	143	220		53	105	143	220		53	105	143	220		53	105	154	220		53	105	154	220		53	105	154	220		53	105	154	220	
76	143	187	330		76	143	187	330		76	143	187	330		76	154	187	330		76	154	187	330		76	154	187	330		76	154	187	330	
105	187	220	330		105	187	220	330		105	187	220	330		105	187	220	330		105	187	220	330		105	187	220	330		105	187	220	330	
143	220	286	440		143	220	286	440		143	220	286	440		143	220	286	440		143	220	286	440		143	220	286	440		143	220	286	440	
25,000					25,000				25,000				20,000				20,000				20,000													
10,000					10,000				10,000				6,000				4,000				3,000													
●					●				●				●				●				●													
40, 50, 63, 80, 100					100, 125, 150, 160				125, 150, 160, 175, 200, 225, 250				300, 350, 400				500, 630				700, 800													
(0.7-0.8-0.9-1.0)×In					(0.7-0.8-0.9-1.0)×In				(0.7-0.8-0.9-1.0)×In				(0.8-0.9-1.0)×In				(0.8-0.9-1.0)×In				(0.8-0.9-1.0)×In													
10×In					(5-6-7-8-9-10)×In				(5-6-7-8-9-10)×In				(5-6-7-8-9-10)×In				(5-6-7-8-9-10)×In				(5-6-7-8-9-10)×In													
●					●				●				●				●				●													
100					100, 160				160, 250				250, 400				630				800													
0.4-0.45-0.5-0.56-0.63-0.7-0.8-0.9-1×In					0.4-0.45-0.5-0.56-0.63-0.7-0.8-0.9-1×In				0.4-0.45-0.5-0.56-0.63-0.7-0.8-0.9-1×In				0.4-0.45-0.5-0.56-0.63-0.7-0.8-0.9-1×In				0.4-0.45-0.5-0.56-0.63-0.7-0.8-0.9-1×In				0.4-0.45-0.5-0.56-0.63-0.7-0.8-0.9-1×In													
16 @ 6lr					16 @ 6lr				16 @ 6lr				16 @ 6lr				16 @ 6lr				16 @ 6lr													
0.5-1-2-4-6-8-16 @ 6×lr					0.5-1-2-4-6-8-16 @ 6×lr				0.5-1-2-4-6-8-16 @ 6×lr				0.5-1-2-4-6-8-16 @ 6×lr				0.5-1-2-4-6-8-16 @ 6×lr				0.5-1-2-4-6-8-16 @ 6×lr													
1.5-2-3-4-5-6-7-8-10×In					1.5-2-3-4-5-6-7-8-10×In				1.5-2-3-4-5-6-7-8-10×In				1.5-2-3-4-5-6-7-8-10×In				1.5-2-3-4-5-6-7-8-10×In				1.5-2-3-4-5-6-7-8-10×In													
0.1					0.1				0.1				0.1				0.1				0.1													
0.1-0.2-0.3-0.4					0.1-0.2-0.3-0.4				0.1-0.2-0.3-0.4				0.1-0.2-0.3-0.4				0.1-0.2-0.3-0.4				0.1-0.2-0.3-0.4													
1,500					1,500 @ 100 A, 2,400 @ 160 A				2,400 @ 160 A, 3,000 A @ 250 A				3,000 @ 250 A, 4,800 @ 400 A				6,900				8,800													
1.5-2-4-6-8-10-11-12-13-14-15×In					1.5-2-4-6-8-10-11-12-13-14-15×In				1.5-2-4-6-8-10-11×In				1.5-2-4-6-8-10-11×In				1.5-2-4-6-8-10-11×In				1.5-2-4-6-8-10-11×In													
0.05					0.05				0.05				0.05				0.05				0.05													
NA					NA				NA				NA				NA				NA													
OFF-0.2-0.3-0.4-0.5-0.6-0.7-0.8-1×In					OFF-0.2-0.3-0.4-0.5-0.6-0.7-0.8-1×In				OFF-0.2-0.3-0.4-0.5-0.6-0.7-0.8-1×In				OFF-0.2-0.3-0.4-0.5-0.6-0.7-0.8-1×In				OFF-0.2-0.3-0.4-0.5-0.6-0.7-0.8-1×In				OFF-0.2-0.3-0.4-0.5-0.6-0.7-0.8-1×In													
NA					NA				NA				NA				NA				NA													
0.1-0.2-0.3-0.4					0.1-0.2-0.3-0.4				0.1-0.2-0.3-0.4				0.1-0.2-0.3-0.4				0.1-0.2-0.3-0.4				0.1-0.2-0.3-0.4													
OFF-0.5-1-1.6 ²⁾ ×In					OFF-0.5-1-1.6 ²⁾ ×In				OFF-0.5-1-1.6 ²⁾ ×In				OFF-0.5-1-1.6 ²⁾ ×In				OFF-0.5-1-1.6 ²⁾ ×In				OFF-0.5-1-1.6 ²⁾ ×In													
Terminal de tornillo, Pletinas espaciadoras					Terminal de tornillo, Pletinas espaciadoras				Terminal de tornillo, Pletinas espaciadoras				Terminal de tornillo, Pletinas espaciadoras				Terminal de tornillo, Pletinas espaciadoras				Terminal de tornillo, Pletinas espaciadoras													
Horizontal/Vertical					Horizontal/Vertical				Horizontal/Vertical				Horizontal/Vertical				Horizontal/Vertical				Horizontal/Vertical													
Cuadro distribución (Linea & Carga, Sólo Linea)					Cuadro distribución (Linea & Carga, Sólo Linea)				Cuadro distribución (Linea & Carga, Sólo Linea)				Cuadro distribución (Linea & Carga, Sólo Linea)				Cuadro distribución (Linea & Carga, Sólo Linea)				Cuadro distribución (Linea & Carga, Sólo Linea)													
105/140					105/140				105/140				140/186.5				140/186.5				210/280													
165					165				165				260				260				320													
86.5					86.5				86.5				110				110				135													

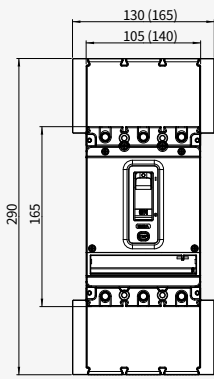
※ 3) DC solo aplicable a magnetotérmico

Dimensiones

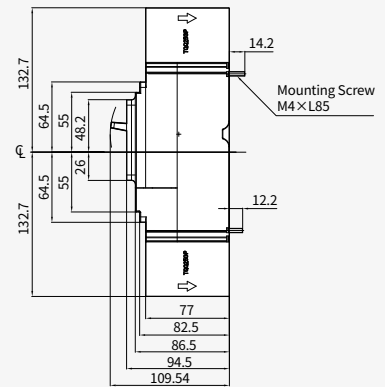
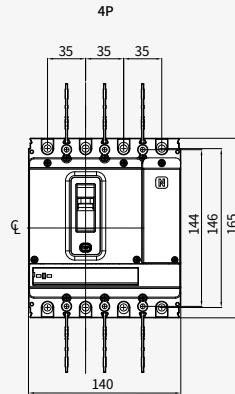
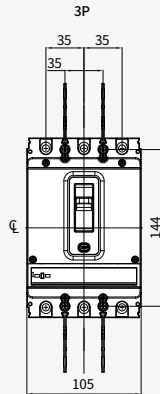
1)

HGP100, 160, 250

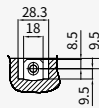
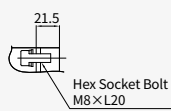
Unit: mm



() 4P dimension

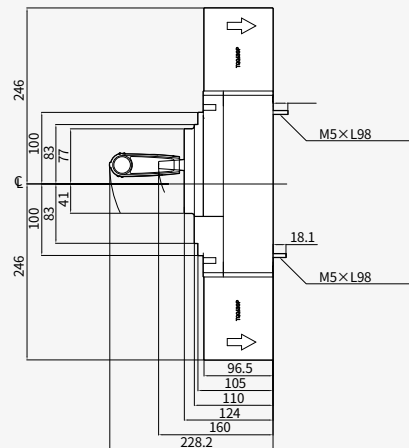
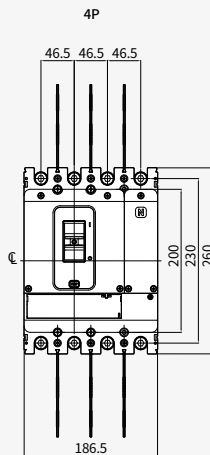
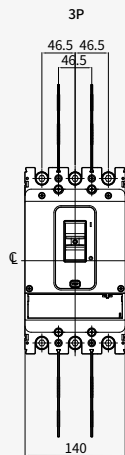
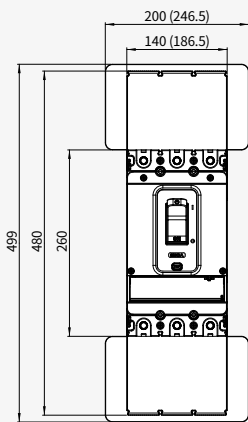


MCCB Terminal

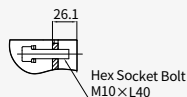


HGP400, 630

Unit: mm



MCCB Terminal





HYUNDAI ELECTRIC

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