Product Data Sheet
Molded Case Circuit Breakers
HGU600H 3P

General Information & Ratings

Product Code		HGU600H 3PT4
Rated Current [In]		500, 600A, at 40°C (104°F)
Number of Poles		3P
Trip Units		MTM (Thermal-fixed, Magnetic-fixed)
		MTM (Thermal-adjustable, Magneitic-fixed)
		MTM (Thermal-adjustable, Magneitic-adjustable)
		MCP (Motor Circuit Breaker)
		MCS (Molded case switch)
Rated Frequency [Hz]		50 / 60Hz
Terminal Mountings	Line side	Lug or Bolt
	Load side	Lug or Bolt

Characteristics

UL Rated	80%
Mechanical Durability	5,000 cycles
Electrical Durability	1,000 cycles
Interrupting Capacity (kA, rms)	100 kA at 240Vac 50/60Hz
	65 kA at 480Vac 50/60Hz
	35 kA at 600Vac 50/60Hz
[LTD]Thermal magnetic Long time Adjustment Range	0.8-0.9-1.0 x In (3 steps)
[INST]Thermal magnetic Instantaenous Adjustment Range	5-6-7-8-9-10 x In (6 steps)
Accessories	Auxiliary switch
	Alarm switch
	Shunt trip
	Under Voltage trip
	Mechanical interlocks
	Handle Padlock Attachment
	Direct rotary handle mechanism (Type1)
	Variable depth rotary handle mechanism (Type1)
	Variable depth rotary handle mechanism (1 - 4X)
	Flange cable handle
	Flange variable-depth handle

Environment

Ambient air temperature for operation	-5 °C to 40 °C (23°F to 104°F)
Altitude above sea level	≤ 2,000m (6,562 ft)
Relative humidity to be within	45 to 85 %

Standards & Certifications

Certification	UL489

Dimensions

Product, inch (Width x Height x Depth)	5.51 x 13.4 x 4.33
Individual Box Packing, inch (Width x Height x Depth)	6.89 x 14.76 x 7.48
Weight (lb)	14.77
Country of Origin	South Korea

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