Product Data Sheet
DC1500V Switch Disconnector
HGL 20H

General Information & Ratings

Product Code	HGL20 (H Frame)
Rated Current [In max, 40°C]	2,000A
Number of Poles	3, 4P
Operation Temperature	-4°F to +140°F (-20°C to +60°C)
Installation Type	Fixed Type
	Draw-Out Type

Characteristics

Rated Nominal Voltage		1,250Vdc (4P) / 800Vdc (3P)
Rated Maximum Voltage		1,500Vdc (4P) / 1,000Vdc (3P)
Short Circuit Withstand Current [kA]	1s	100
	0.6s	150
Rated Short Circuit Making Capacity [Icm]		100 (kA, peak)
Motor Charging Time (sec) max		10
Closing Time (ms) max		80
Life Cycle (Cycles)	Mechanical	12,500
	Electrical	8,000
Material of Main Contacts		Ag
Material of Arcing Contacts		Cu
Operating Time For Shunt Trip Coil (fully open)		35 ms
Operation Time Closing Coil (fully open)		80 ms

Environment

Altitude above sea level	≤ 2000m
Relative humidity to be within	≤ 85%

Standards & Certifications

Certification	UL 489, UL 489B

Dimension & Installation

Fixed Type (3P)	Width (inch)	16.71	
	Height (inch)	15.92	
	Depth (inch)	11.65	
	Weight (lb)	117	
Draw-out Type (3P)	Width (inch)	15.71	
	Height (inch)	19.17	
	Depth (inch)	16.54	
	Weight (lb)	220	
Phase-to-Phase Clearance (inch)		Vertical type	3.35
Phase-to-Ground Clearance (inch)		Vertical type	3.35
Main Contact Gap (mm)		30	
Arcing Contact Gap (mm)		36	
Country of Orgin		South Korea	

HD HYUNDAI ELECTRIC