Product Data Sheet Characteristics
Magnetic Contator
HGC18

General Information & Ratings

Product Code	HGC18		
Maximum Current	18A		
Continuous Current (Ambient Temperature 104°F/40°C)	40A		
Number of Poles	3P		
Coil Voltage (Control Voltage)	AC (50Hz)	AC (60Hz)	DC
	24V	24V	24V
	48V	48V	48V
	110V	110V	110V
	125V	125V	125V
	208V	208V	220V
	240V	240V	
	380V	380V	
	480V	480V	
	575V	575V	
Rated Frequency [Hz]	50 / 60Hz		
Contact Arrangement	Main Contact (3NO)		
	Auxiliary Contact (2NO 2NC)		
Auxiliary Contacts	1NO 1NC or 2NO 2NC (AC/DC)		
Mounting Method	Screw & Rail Mounting		
Terminal Type	Screw Clamp Terminals		

Characteristics

Mechanical Durability (60Hz)	15,000,000 cycles		
Electrical Durability (60Hz)	2,500,000 cycles		
Power Consumption (AC220V/60Hz)	Closed	VA	80
	Maintained	VA/W	11/2.75
UL Ratings [HP]	1P	110~120V	2
		220~240V	3
	3P	200~208V	7.5
		220~240V	7.5
		440~480V	10
		600V	15

Environment

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

Standards & Certifications

Certification	UL60947-4

Dimension & Installation

Product, inch (Width x Height x Depth)	X, A	1.77 x 3.71 x 3.59
	D	1.77 x 3.71 x 4.88
Individual Box Packing, inch (Width x Height x Depth)	X, A	1.97 x 3.94 x 4.06
	D	1.97 x 3.94 x 5.51
Weight (lb)	X, A	0.88
	D	1.32
Country of Orgin	South Korea	

HD HYUNDAI ELECTRIC