

Fan & Pump Drive

H100+



General

Product code		67370023PL
Product description		INV,LSLV1850H100-4COFD(PLUS_NEW)
Enclosure Rating		IP20, UL Type 1 (Optional)
Input Rating (3-Phase)	Supply Voltage [VAC]	380~480 VAC
	Rated Current [HD/Heavy Duty]	291 A
	Rated Current [ND/Normal Duty]	358.9 A
	Supply Frequency [Hz]	50~60 Hz
Input Rating (1-Phase)	Supply Voltage (VAC)	480 VAC
	Rated Current (HD)	-
	Rated Current (ND)	358.9 A
	Supply Frequency (Hz)	60 Hz
Output Rating (3-Phase Input)	Output Voltage (VAC)	380~480 VAC
	Motor Power HP (HD)	250 hp
	Motor Power HP (ND)	300 hp
	Motor Power kW (HD)	160 kW
	Motor Power kW (ND)	185 kW
	Output Current (HD)	303 A
	Output Current (ND)	370 A
	Rated Capacity (HD)	-
	Rated Capacity (ND)	282 kVA

	Output Frequency (Hz)	0~400 Hz
Output Rating (1-Phase Input)	Output Voltage [VAC]	-
	Motor Power HP [HD]	-
	Motor Power HP [ND]	125 hp
	Output Current [HD]	-
	Output Current [ND]	137 A
	Rated Capacity [HD]	-
	Rated Capacity [ND]	-
	Output Frequency [Hz]	-

General

Short Circuit Rating		100kA (IEC 60439-1)
Overload Capacity	HD	150% for 1min
	ND	110% for 1min
Control Method		V/F Control(IM/PM), Slip compensation
Input Terminals		7 Points
Output Terminals	Relay Output	5 Points
	Open Collector Output	1 Point
EMC Filter		Built-in
DC Reactor		Built-in
Communication	Built-in	Modbus RTU, LS INV 485, BACnet/MSTP, Lonworks, MetaSys N2
	Option	RAPIDnet+, EtherNet/IP, Modbus TCP, BACnet/IP
Option Card		Extension I/O, Remote cabel(2/3m), Flange, Conduit, Disconnect switch

Environment

Ambient Temperature	HD	-10~50°C (14~122°F)
	ND	-10~40°C (14~104°F)
Storage Temperature		-20~65°C (-4~149°F)
Humidity		Relative humidity of 95% RH or below (without dew formation)

Vibration	9.8m/sec ² (1.0G) or below
Altitude	1,000m above sea level (From 1,000m or more, voltage/output current derating by 1% for every 100m elevation; up to 4,000m)
Certification	KC, CE, UL, cUL

Dimensions

Frame	H	
W x H x D	mm	380 x 705 x 396
	inch	14.96 x 27.76 x 15.59

Drawing

