LZ1H6X53BD

Ultra compact starter, TeSys Hybrid, 3P, 500VAC, 3kW at 400V, 24VDC, Spring terminal



Main Range TeSys Product name TeSys Hybrid LZ1H Device short name Product or component Ultra-compact starter type Motor starter type Direct on line 3P Poles description 500 V AC [Ue] rated operational voltage 6.5 A at 500 V AC-53A [le] rated operational 9 A at 500 V AC-51 5 A at 500 V AC-53A mounting side by side 7 A at 500 V AC-51 mounting side by side Thermal protection 1.5...9 A adjustment range 1.5 KW at 220 V AC 0.65 Motor power kW 1.5 KW at 230 V AC 0.65 2.2 KW at 380 V AC 0.65 3 KW at 400 V AC 0.65 3 KW at 415 V AC 0.65 3 KW at 440 V AC 0.65 3 kW at 500 V AC 0.65 Motor power hp 1 Hp at 200 V AC 1.5 Hp at 230 V AC 3 hp at 460 V AC [Uc] control circuit 24 V DC voltage

Class 10A conforming to IEC 60947-4-2

Complementary

1	
Auxiliary contact composition	1 C/O fault signalling
Control circuit voltage limits	19.230 V DC
Current consumption	<= 40 mA at 24 V DC
Reset	Manual Automatic reset Electrical reset
Electrical durability	30 Mcycles
Maximum operating rate	120 Cyc/Mn AC-51 50 % ON 6 cyc/mn AC-53A 50 % ON
Mounting mode	By clips
Mounting support	DIN rail
Connections - terminals	Spring clamp terminals 1 cable(s) 0.22.5 mm² - rigid Spring clamp terminals 1 cable(s) 0.252.5 mm² - flexible - with cable end Spring clamp terminals 1 cable(s) 0.22.5 mm² - flexible - without cable end
Certifications	CE CULus
Standards	IEC 60947-4-2 UL 60947-4-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
Pollution degree	2
Width	22.5 mm
Height	99 mm

Thermal overload class

114.5 mm	
212 g	
IP20	
-2530 °C without derating 3070 °C with derating	
-4080 °C	
PCE	
1	
3.6 cm	
11.7 cm	
12.0 cm	
241.0 g	
S01	
10	
15.0 cm	
15.0 cm	
40.0 cm	
2.584 kg	
☑ REACh Declaration	
Yes	
Compliant EPEU RoHS Declaration	
Yes	
	IP20 TC -2530 °C without derating 3070 °C with derating -4080 °C PCE 1 3.6 cm 11.7 cm 12.0 cm 241.0 g S01 10 15.0 cm 15.0 cm 40.0 cm 2.584 kg

☐ China RoHS Declaration

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

China RoHS Regulation

WEEE

RoHS exemption information