Product datasheet

Specifications

Discontinued

Reversing Starter TeSys H Safe-Torque-Off 3kW-400V control 110-230VAC

Local distributor code:

403016235 LZ8H6X5FU

Discontinued on: 9 Oct 2023

EAN Code: 3606485421278

Main

Range	TeSys
Product Name	TeSys Hybrid
Device Short Name	LZ8H
Product Or Component Type	Reversing ultra-compact starter
Motor Starter Type	Direct on line
Poles Description	3P
[Ue] Rated Operational Voltage	500 V AC
[Ie] Rated Operational Current	6.5 A at 500 V AC-53A 9 A at 500 V AC-51 4.5 A at 500 V AC-53A mounting side by side 6 A at 500 V AC-51 mounting side by side
Thermal Protection Adjustment Range	1.5…9 A
Motor Power Kw	1.5 kW at 220 V AC 0.65 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 Voltage	110...230 V AC 50/60 Hz
Safety Level	SIL 3 conforming to IEC 61508-1 stop function PL = e conforming to ISO 13849-1 stop function SIL 2 conforming to IEC 61508-1 motor protection
Safety Reliability Data	SFF = 99 % stop function SFF = 99 % motor protection MTTFd = 289 years stop function MTTFd = 273 years motor protection PFHd = 6.82E-9 1/h stop function
Thermal Overload Class	Class 10A conforming to IEC 60947-4-2

Complementary

Auxiliary Contact Composition	1 C/O fault signalling
Control Circuit Voltage Limits	85...253 V AC
Current Consumption	<= 4 mA at 110...230 V AC
Reset	Manual 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	Screw clamp terminals 1 cable(s) 0.2…2.5 mm² - rigid Screw clamp terminals 1 cable(s) 0.25…2.5 mm² - flexible - with cable end Screw clamp terminals 1 cable(s) 0.2…2.5 mm² - flexible - without cable end
Tightening Torque	0.5…0.6 N.m flat Ø 2.5 mm screwdriver 3 mm
Certifications	CULus CE ATEX as associated device for motor protection in zones 1 and 21
Standards	UL 60947-4-1 IEC 60947-4-2
[Ui] Rated Insulation Voltage	500 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	4 kV
Pollution Degree	2
Width	22.5 mm
Height	99 mm
Depth	114.5 mm
Net Weight	212 g

Environment

Ip Degree Of Protection	IP20
Protective Treatment	TC
Ambient Air Temperature For Operation	-25…30 °C without derating 30…70 °C with derating
Ambient Air Temperature For Storage	-40…80 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.6 cm
Package 1 Width	11.7 cm
Package 1 Length	11.9 cm
Package 1 Weight	272 g
Unit Type Of Package 2	S01
Number Of Units In Package 2	10
Package 2 Height	15 cm
Package 2 Width	15 cm
Package 2 Length	40 cm
Package 2 Weight	2.89 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins