

# Product datasheet

Specifications



## Reversing Starter TeSys H Safe-Torque-Off 0,75kW-400V control 110-230VAC

Local distributor code:  
403007545LZ8H2X4FU

⚠ Discontinued on: 30 Jun 2023

⚠ Discontinued

EAN Code: 3606485421117

### 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	2.4 A at 500 V AC-51 2.4 A at 500 V AC-53A 2.4 A at 500 V AC-51 mounting side by side 2.4 A at 500 V AC-53A mounting side by side
Thermal Protection Adjustment Range	0.18...2.4 A
Motor Power Kw	0.37 kW at 220 V AC 0.65 0.37 kW at 230 V AC 0.65 0.75 kW at 380 V AC 0.65 0.75 kW at 400 V AC 0.65 0.75 kW at 415 V AC 0.65 0.75 kW at 440 V AC 0.65 1.1 kW at 500 V AC 0.65
Motor Power Hp	0.5 hp at 200 V AC 0.5 hp at 230 V AC 1 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	ATEX as associated device for motor protection in zones 1 and 21 CE CULus
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...65 °C without derating 65...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	12.0 cm
Package 1 Weight	271.0 g
Unit Type Of Package 2	S01
Number Of Units In Package 2	10
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	2.884 kg

## Contractual warranty

Warranty	18 months
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# Sustainability

**Green Premium™ 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<sub>2</sub> 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	