

# Product datasheet

Specifications



## Starter TeSys H Safe-Torque-Off 0,75kW-400V control 24VDC Spring

Local distributor code:

403007406

LZ7H2X43BD

**EAN Code: 3606485421025**

### Main

<b>Range</b>	TeSys
<b>Product Name</b>	TeSys Hybrid
<b>Device Short Name</b>	LZ7H
<b>Product Or Component Type</b>	Ultra-compact starter
<b>Motor Starter Type</b>	Direct on line
<b>Poles Description</b>	3P
<b>[Ue] Rated Operational Voltage</b>	500 V AC
<b>[Ie] Rated Operational Current</b>	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
<b>Thermal Protection Adjustment Range</b>	0.18...2.4 A
<b>Motor Power Kw</b>	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
<b>Motor Power Hp</b>	0.5 hp at 200 V AC 0.5 hp at 230 V AC 1 hp at 460 V AC
<b>[Uc] Control Circuit Voltage</b>	24 V DC
<b>Safety Level</b>	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
<b>Safety Reliability Data</b>	MTTFd = 517 years stop function SFF = 99 % stop function SFF = 99 % motor protection MTTFd = 447 years motor protection PFHd = 2.40E-9 1/h stop function
<b>Thermal Overload Class</b>	Class 10A conforming to IEC 60947-4-2

### Complementary

<b>Auxiliary Contact Composition</b>	1 C/O fault signalling
<b>Control Circuit Voltage Limits</b>	19.2...30 V DC
<b>Current Consumption</b>	<= 40 mA at 24 V DC
<b>Reset</b>	Manual Electrical reset
<b>Electrical Durability</b>	30 Mcycles

<b>Maximum Operating Rate</b>	120 cyc/mn AC-51 50 % ON 6 cyc/mn AC-53A 50 % ON
<b>Mounting Mode</b>	By clips
<b>Mounting Support</b>	DIN rail
<b>Connections - Terminals</b>	Spring clamp terminals 1 cable(s) 0.2...2.5 mm <sup>2</sup> - rigid Spring clamp terminals 1 cable(s) 0.25...2.5 mm <sup>2</sup> - flexible - with cable end Spring clamp terminals 1 cable(s) 0.2...2.5 mm <sup>2</sup> - flexible - without cable end
<b>Certifications</b>	CE ATEX as associated device for motor protection in zones 1 and 21 CULus
<b>Standards</b>	UL 60947-4-1 IEC 60947-4-2
<b>[Ui] Rated Insulation Voltage</b>	500 V AC 50/60 Hz
<b>[Uimp] Rated Impulse Withstand Voltage</b>	6 kV
<b>Pollution Degree</b>	2
<b>Width</b>	22.5 mm
<b>Height</b>	99 mm
<b>Depth</b>	114.5 mm
<b>Net Weight</b>	212 g

## Environment

<b>Ip Degree Of Protection</b>	IP20
<b>Protective Treatment</b>	TC
<b>Ambient Air Temperature For Operation</b>	-25...70 °C without derating
<b>Ambient Air Temperature For Storage</b>	-40...80 °C

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	3.600 cm
<b>Package 1 Width</b>	11.700 cm
<b>Package 1 Length</b>	12.000 cm
<b>Package 1 Weight</b>	237.0 g
<b>Unit Type Of Package 2</b>	S01
<b>Number Of Units In Package 2</b>	10
<b>Package 2 Height</b>	15.000 cm
<b>Package 2 Width</b>	15.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	2.581 kg

## Contractual warranty

<b>Warranty</b>	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

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✓ Toxic Heavy Metal Free

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✓ Mercury Free

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✓ Rohs Exemption Information [Yes](#)

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**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Compliant  
[EU RoHS Declaration](#)

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**China Rohs Regulation** [China RoHS declaration](#)

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

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