

# Product datasheet

Specifications



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

Local distributor code:  
403007406

LZ7H2X43BD

EAN Code: 3606485421025

### Main

Range	TeSys
Product Name	TeSys Hybrid
Device Short Name	LZ7H
Product Or Component Type	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	24 V DC
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	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
Thermal Overload Class	Class 10A conforming to IEC 60947-4-2

### Complementary

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

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

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) 0.2...2.5 mm² - rigid Spring clamp terminals 1 cable(s) 0.25...2.5 mm² - flexible - with cable end Spring clamp terminals 1 cable(s) 0.2...2.5 mm² - flexible - without cable end
Certifications	CE ATEX as associated device for motor protection in zones 1 and 21 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	6 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...70 °C without 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	3.600 cm
Package 1 Width	11.700 cm
Package 1 Length	12.000 cm
Package 1 Weight	240.000 g
Unit Type Of Package 2	S01
Number Of Units In Package 2	10
Package 2 Height	15.000 cm
Package 2 Width	15.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	2.590 kg

## Contractual warranty

Warranty	18 months
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## Sustainability

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**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	