

# Product datasheet

Specifications



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

Local distributor code:

403007516

LZ8H2X43BD

EAN Code: 3606485421100

### 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	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 PFHd = 2.67E-9 1/h stop function SFF = 99 % stop function SFF = 99 % motor protection MTTFd = 447 years motor protection
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

<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>	ATEX as associated device for motor protection in zones 1 and 21 CE CULus
<b>Standards</b>	IEC 60947-4-2 UL 60947-4-1
<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>	3.200 cm
<b>Package 1 Width</b>	12.000 cm
<b>Package 1 Length</b>	12.000 cm
<b>Package 1 Weight</b>	239.000 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>	2.600 kg

## Logistical informations

<b>Country of origin</b>	DE
--------------------------	----

## Contractual warranty





## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

Yes

[EU RoHS Directive](#)

Compliant

SCIP Number

7bbe12ea-c2b0-4258-881b-998147fc2e25

REACH Regulation

[REACH Declaration](#)

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

End of life manual availability

[End of Life Information](#)

Take-back

No

WEEE Label



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