

Product data sheet

Specifications



Ultra compact starter, TeSys Hybrid, Safe Torque Off, 3P, 500VAC, 3kW at 400V, 24VDC,

LZ7H6X5BD

Product availability: Stock - Normally stocked in distribution facility

Price*: 330.00 USD

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	6.5 A 500 V AC-53A 9 A 500 V AC-51 5 A 500 V AC-53A mounting side by side 7 A 500 V AC-51 mounting side by side
Thermal Protection Adjustment Range	1.5...9 A
Motor Power Kw	1.5 kW 220 V AC 0.65 1.5 kW 230 V AC 0.65 2.2 kW 380 V AC 0.65 3 kW 400 V AC 0.65 3 kW 415 V AC 0.65 3 kW 440 V AC 0.65 3 kW 500 V AC 0.65
Maximum Horse Power Rating	1 hp 200 V AC 1.5 hp 230 V AC 3 hp 460 V AC
[Uc] Control Circuit Voltage	24 V DC
Safety Level	SIL 3 IEC 61508-1 stop function PL = e ISO 13849-1 stop function SIL 2 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 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 24 V DC
Reset	Manual Electrical reset

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Electrical Durability	30 Mcycles
Maximum Operating Rate	120 cyc/mn AC-51 50 % 6 cyc/mn AC-53A 50 %
Mounting Mode	By clips
Mounting Support	DIN rail
Connections - Terminals	screw clamp terminals 1 0.00...0.00 in ² (0.2...2.5 mm ²) rigid screw clamp terminals 1 0.00...0.00 in ² (0.25...2.5 mm ²) flexible - with cable end screw clamp terminals 1 0.00...0.00 in ² (0.2...2.5 mm ²) flexible - without cable end
Tightening Torque	4.43...5.31 lbf.in (0.5...0.6 N.m) flat Ø 2.5 mm 0.12 in (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	6 kV
Pollution Degree	2
Width	0.89 in (22.5 mm)
Height	3.90 in (99 mm)
Depth	4.51 in (114.5 mm)
Net Weight	7.48 oz (212 g)

Environment

Ip Degree Of Protection	IP20
Protective Treatment	TC
Ambient Air Temperature For Operation	-13...86 °F (-25...30 °C) without derating 86...158 °F (30...70 °C) with derating
Ambient Air Temperature For Storage	-40...176 °F (-40...80 °C)

Ordering and shipping details

Category	22349-TESYS H ELECTRONIC STARTER 0-6.5A
Discount Schedule	I12
Gtin	3606485421179
Returnability	No
Country Of Origin	DE

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.42 in (3.6 cm)
Package 1 Width	4.61 in (11.7 cm)
Package 1 Length	4.69 in (11.9 cm)
Package 1 Weight	8.99 oz (255.0 g)
Unit Type Of Package 2	S01
Number Of Units In Package 2	10

Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	5.91 in (15.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	5.99 lb(US) (2.718 kg)

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-CO₂ 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 >](#)



Transparency RoHS/REACH

Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Environmental Disclosure

[Product Environmental Profile](#)

Weee

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

Circularity Profile

[End of Life Information](#)

California Proposition 65

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov