

Product data sheet

Specifications



Ultra compact starter, TeSys Hybrid, 3P, 500VAC, 3kW at 400V, 110 to 230VAC

LZ1H6X5FU

 **Discontinued on:** Feb 27, 2023

 **Discontinued**

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range	TeSys
Product name	TeSys Hybrid
Device short name	LZ1H
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 4.5 A 500 V AC-53A mounting side by side 6 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	110...230 V AC 50/60 Hz
Thermal overload class	Class 10A 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 110...230 V AC
Reset	Manual Automatic reset Electrical reset
Electrical durability	30 Mcycles
Maximum operating rate	120 cyc/mn AC-51 50 % 6 cyc/mn AC-53A 50 %
Mounting Mode	By clips

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

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

Mounting Support	DIN rail
Connections - terminals	screw clamp terminals 1 0.0003...0.004 in² (0.2...2.5 mm²) rigid screw clamp terminals 1 0.0004...0.004 in² (0.25...2.5 mm²) flexible - with cable end screw clamp terminals 1 0.0003...0.004 in² (0.2...2.5 mm²) flexible - without cable end
Tightening torque	4.4...5.3 lbf.in (0.5...0.6 N.m) flat Ø 2.5 mm 0.1 in (3 mm)
Certifications	CULus CE
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	0.9 in (22.5 mm)
Height	3.9 in (99 mm)
Depth	4.5 in (114.5 mm)
Net Weight	7.5 oz (212 g)

Environment

IP degree of protection	IP20
Protective treatment	TC
Ambient air temperature for operation	-13.0000000000...86.0000000000 °F (-25...30 °C) without derating 86.0000000000...158.0000000000 °F (30...70 °C) with derating
Ambient Air Temperature for Storage	-40.0000000000...176.0000000000 °F (-40...80 °C)

Ordering and shipping details

Category	US10I1222349
Discount Schedule	0I12
GTIN	3606485421155
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.4 in (3.6 cm)
Package 1 Width	4.6 in (11.7 cm)
Package 1 Length	4.7 in (12.0 cm)
Package 1 Weight	9.1 oz (258.0 g)
Unit Type of Package 2	S01
Number of Units in Package 2	10
Package 2 Height	5.9 in (15.0 cm)
Package 2 Width	5.9 in (15.0 cm)
Package 2 Length	15.7 in (40.0 cm)

Package 2 Weight

6.105 lb(US) (2.769 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 >](#)

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.	
California Proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov	