

Product data sheet

Specifications



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

LZ2H6X5FU

⚠ 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 | LZ2H |
| 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 | 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.

| | |
|---|---|
| Mounting Support | DIN rail |
| Connections - terminals | screw clamp terminals 1 0.0003...0.004 in ² (0.2...2.5 mm ²) rigid screw clamp terminals 1 0.0004...0.004 in ² (0.25...2.5 mm ²) flexible - with cable end screw clamp terminals 1 0.0003...0.004 in ² (0.2...2.5 mm ²) 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 | 0112 |
| GTIN | 3606485421230 |
| 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

6.400 lb(US) (2.903 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
