# Product data sheet

Specifications



## Reversing ultra compact starter, TeSys Hybrid, 3P, 500VAC, 0.75kW at 400V, 24VDC, Spring terminal

LZ2H2X43BD

**Product availability: Stock - 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** | 2.4 A 500 V AC-51<br>2.4 A 500 V AC-53A<br>2.4 A 500 V AC-51 mounting side by side<br>2.4 A 500 V AC-53A mounting side by side |
| **Thermal protection adjustment range** | 0.18…2.4 A |
| **Motor power kW** | 0.37 kW 220 V AC 0.65<br>0.37 kW 230 V AC 0.65<br>0.75 kW 380 V AC 0.65<br>0.75 kW 400 V AC 0.65<br>0.75 kW 415 V AC 0.65<br>0.75 kW 440 V AC 0.65<br>1.1 kW 500 V AC 0.65 |
| **Maximum Horse Power Rating** | 0.5 hp 200 V AC<br>0.5 hp 230 V AC<br>1 hp 460 V AC |
| **[Uc] control circuit voltage** | 24 V DC |
| **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<br>Automatic reset<br>Electrical reset |
| **Electrical durability** | 30 Mcycles |
| **Maximum operating rate** | 120 cyc/mn AC-51 50 %<br>6 cyc/mn AC-53A 50 % |
| **Mounting Mode** | By clips |
| **Mounting Support** | DIN rail |

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

| | |
|---|---|
| **Connections - terminals** | spring clamp terminals 1 0.0003…0.004 in² (0.2…2.5 mm²) rigid<br>spring clamp terminals 1 0.0004…0.004 in² (0.25…2.5 mm²) flexible - with cable end<br>spring clamp terminals 1 0.0003…0.004 in² (0.2…2.5 mm²) flexible - without cable end |
| **Certifications** | CE<br>CULus |
| **Standards** | IEC 60947-4-2<br>UL 60947-4-1 |
| **[Ui] rated insulation voltage** | 500 V AC 50/60 Hz |
| **[Uimp] rated impulse withstand voltage** | 6 kV |
| **Pollution degree** | 2 |
| **Width** | 0.9 in (22.5 mm) |
| **Height** | 3.9 in (99 mm) |
| **Depth** | 4.5 in (114.5 mm) |
| **Product Weight** | 7.5 oz (212 g) |

## Environment

| | |
|---|---|
| **IP degree of protection** | IP20 |
| **Protective treatment** | TC |
| **Ambient air temperature for operation** | -13…158 °F (-25…70 °C) without derating |
| **Ambient Air Temperature for Storage** | -40…176 °F (-40…80 °C) |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US10I1222349 |
| **Discount Schedule** | 0I12 |
| **GTIN** | 3606485421063 |
| **Returnability** | Yes |
| **Country of origin** | DE |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 1.417 in (3.600 cm) |
| **Package 1 Width** | 4.606 in (11.700 cm) |
| **Package 1 Length** | 4.724 in (12.000 cm) |
| **Package weight(Lbs)** | 8.466 oz (240.000 g) |
| **Unit Type of Package 2** | S01 |
| **Number of Units in Package 2** | 10 |
| **Package 2 Height** | 5.906 in (15.000 cm) |
| **Package 2 Width** | 5.906 in (15.000 cm) |
| **Package 2 Length** | 15.748 in (40.000 cm) |
| **Package 2 Weight** | 5.732 lb(US) (2.600 kg) |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## 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 |
| SCIP Number | 7bbe12ea-c2b0-4258-881b-998147fc2e25 |
| EU RoHS Directive | Compliant |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | No |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Circularity Profile | 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. |