

Product data sheet

Specifications



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

LZ2H2X4BD

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 2.4 A 500 V AC-53A 2.4 A 500 V AC-51 mounting side by side 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 0.37 kW 230 V AC 0.65 0.75 kW 380 V AC 0.65 0.75 kW 400 V AC 0.65 0.75 kW 415 V AC 0.65 0.75 kW 440 V AC 0.65 1.1 kW 500 V AC 0.65
Maximum Horse Power Rating	0.5 hp 200 V AC 0.5 hp 230 V AC 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 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
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.

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 screwdriver 0.1 in (3 mm)
Certifications	CULus CE
Standards	UL 60947-4-1 IEC 60947-4-2
[U_i] rated insulation voltage	500 V AC 50/60 Hz
[U_{imp}] 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)
Net 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	0112
GTIN	03606485421056
Returnability	Yes
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	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 (11.9 cm)
Package weight(Lbs)	9.3 oz (264.0 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	6.228 lb(US) (2.825 kg)

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

No

[EU RoHS Directive](#)

Compliant

California proposition 65

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

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.

Technical Illustration

Assembly's dimensions

