



### Main

Range	TeSys
Product name	TeSys H
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 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
Motor power hp	1 hp 200 V AC 1.5 hp 230 V AC 3 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
Connections - terminals	screw clamp terminals 1 0.00...0.00 in <sup>2</sup> (0.2...2.5 mm <sup>2</sup> ) rigid screw clamp terminals 1 0.00...0.00 in <sup>2</sup> (0.25...2.5 mm <sup>2</sup> ) flexible - with cable end screw clamp terminals 1 0.00...0.00 in <sup>2</sup> (0.2...2.5 mm <sup>2</sup> ) 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	CULus CE
Standards	IEC 60947-4-2 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	0.89 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)

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	9.38 oz (266 g)
Package 1 Height	1.38 in (3.5 cm)
Package 1 width	4.61 in (11.7 cm)
Package 1 Length	4.72 in (12 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins