



Main

Range	TeSys
Product name	TeSys H
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	9 A at 500 V AC-51 6 A at 500 V AC-51 mounting side by side 4.5 A at 500 V AC-53A mounting side by side 6.5 A at 500 V AC-53A
Thermal protection adjustment range	1.5...9 A
Motor power kW	1.5 kW at 230 V AC with power factor : 0.65 2.2 kW at 380 V AC with power factor : 0.65 3 kW at 415 V AC with power factor : 0.65 3 kW at 500 V AC with power factor : 0.65 3 kW at 400 V AC with power factor : 0.65 3 kW at 440 V AC with power factor : 0.65 1.5 kW at 220 V AC with power factor : 0.65
Motor power hp	1 hp at 200 V AC 1.5 hp at 230 V AC 3 hp at 460 V AC
Control circuit voltage	110...230 V AC 50/60 Hz
Overload tripping class	Class 10A conforming to IEC 60947-4-2

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1526 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
Product environmental profile	Available Product environmental
Product end of life instructions	Available

Complementary

Auxiliary contact composition	1 C/O fault signalling
Control circuit voltage limits	85...253 V AC
Current consumption	<= 4 mA at 110...230 V AC
Reset	Automatic reset Manual Electrical reset
Electrical durability	30 Mcycles
Operating rate	120 cyc/mn AC-51 50 % ON 6 cyc/mn AC-53A 50 % ON
Mounting mode	By clips
Mounting support	DIN rail
Connections - terminals	Screw clamp terminals 1 cable 0.2...2.5 mm ² - cable stiffness: rigid Screw clamp terminals 1 cable 0.25...2.5 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 0.2...2.5 mm ² - cable stiffness: flexible - without cable end
Tightening torque	0.5...0.6 N.m - with screwdriver 3 mm flat Ø 2.5 mm
Certifications	CE cULus
Standards	IEC 60947-4-2 UL 60947-4-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	4 kV
Pollution degree	2
Width	22.5 mm
Height	99 mm
Depth	114.5 mm
Product weight	212 g

Environment

IP degree of protection	IP20
Protective treatment	TC
Ambient air temperature for operation	-25...30 °C without derating > 30...70 °C with derating
Ambient air temperature for storage	-40...80 °C