



### 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<br>9 A 500 V AC-51<br>5 A 500 V AC-53A mounting side by side<br>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<br>1.5 kW 230 V AC 0.65<br>2.2 kW 380 V AC 0.65<br>3 kW 400 V AC 0.65<br>3 kW 415 V AC 0.65<br>3 kW 440 V AC 0.65<br>3 kW 500 V AC 0.65 |
| Motor power hp                      | 1 hp 200 V AC<br>1.5 hp 230 V AC<br>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<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   |
| Connections - terminals                | screw clamp terminals 1 0.00...0.00 in <sup>2</sup> (0.2...2.5 mm <sup>2</sup> ) rigid<br>screw clamp terminals 1 0.00...0.00 in <sup>2</sup> (0.25...2.5 mm <sup>2</sup> ) flexible - with cable end<br>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<br>CE  |
| 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                                  | 0.89 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<br>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<br><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 |