



**MKS1TM-4**

|                                              |                    |                                                                                                                                                          |
|----------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operational Frequency</b>                 |                    | 50-60 Hz                                                                                                                                                 |
| <b>Product</b>                               |                    | Motor Protection Switch                                                                                                                                  |
| <b>Current</b>                               | <b>Ie</b>          | 25 A                                                                                                                                                     |
| <b>Thermic Current</b>                       |                    | 2,50-4,00A                                                                                                                                               |
| <b>Calibration Interval</b>                  |                    |                                                                                                                                                          |
| <b>Usage Category</b>                        |                    | AC 3                                                                                                                                                     |
| <b>Mechanical Life</b>                       | <b>Min Qty</b>     | 100000                                                                                                                                                   |
| <b>Electrical Life</b>                       | <b>Min Qty</b>     | 100000                                                                                                                                                   |
| <b>Operating Frequency</b>                   | <b>On-Off/Hour</b> | Mek. 360 Elk. 360                                                                                                                                        |
| <b>Insulation Voltage</b>                    | <b>Ui</b>          | 690V AC                                                                                                                                                  |
| <b>Impulse Withstand Voltage</b>             | <b>Uimp</b>        | 6 kV                                                                                                                                                     |
| <b>Dielectric Strength (Contact-Contact)</b> |                    | 1890V                                                                                                                                                    |
| <b>Isolation Resistance</b>                  |                    | 10 MΩ Min. (500 V DC)                                                                                                                                    |
| <b>Operating Temperature</b>                 |                    | -5 / +40 °C                                                                                                                                              |
| <b>Pollution Degree</b>                      |                    | 3                                                                                                                                                        |
| <b>Protection Degree</b>                     |                    | IP40                                                                                                                                                     |
| <b>Cable Section</b>                         |                    | 0,75-4 mm <sup>2</sup>                                                                                                                                   |
| <b>Screw Torque</b>                          |                    | 1,8 Nm                                                                                                                                                   |
| <b>Short Circuit Breaking Capacity</b>       | <b>Ics</b>         | 6 kA                                                                                                                                                     |
| <b>Production Time</b>                       |                    | Adjustable overload release 13 ranges between 0.1-25 A; Short circuit release factor set at 12xIe; Short circuit switching capacity minimum 6 kA / 400 V |
| <b>Serial Specifications</b>                 |                    | MKS Series                                                                                                                                               |
|                                              |                    | Adjustable overload release 13 ranges between 0.1-25 A                                                                                                   |
|                                              |                    | Short circuit release factor set at 12xIe                                                                                                                |
|                                              |                    | Short circuit switching capacity minimum 6 kA / 400 V                                                                                                    |
| <b>Standards / Certificates</b>              |                    | TS EN 60947-4-1                                                                                                                                          |

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