

Thermal overload relay 135-160A size S6, class 10 for motor protection for single mounting main circuit: screw terminal AUX. circuit: screw terminal manual automatic reset



|                                                                                     |                                                  |
|-------------------------------------------------------------------------------------|--------------------------------------------------|
| product brand name                                                                  | SIRIUS                                           |
| product designation                                                                 | Thermal overload relay                           |
| product type designation                                                            | 3RU5                                             |
| General technical data                                                              |                                                  |
| power loss [W] for rated value of the current at AC in hot operating state          |                                                  |
| • per pole                                                                          | 0 W                                              |
| type of calculation of power loss depending on pole                                 | quadratic                                        |
| surge voltage resistance rated value                                                | 8 kV                                             |
| Substance Prohibitance (Date)                                                       | 09/03/2013                                       |
| Ambient conditions                                                                  |                                                  |
| ambient temperature                                                                 |                                                  |
| • during transport                                                                  | -55 ... +80 °C                                   |
| relative humidity during operation                                                  | 0 ... 90 %                                       |
| Main circuit                                                                        |                                                  |
| number of poles for main current circuit                                            | 3                                                |
| adjustable current response value current of the current-dependent overload release | 1.6 A                                            |
| operating frequency rated value                                                     | 50 ... 60 Hz                                     |
| operational current rated value                                                     | 1.6 A                                            |
| Safety related data                                                                 |                                                  |
| protection class IP on the front according to IEC 60529                             | IP20                                             |
| touch protection on the front according to IEC 60529                                | finger-safe, for vertical contact from the front |
| Approvals Certificates                                                              |                                                  |
| General Product Approval                                                            |                                                  |



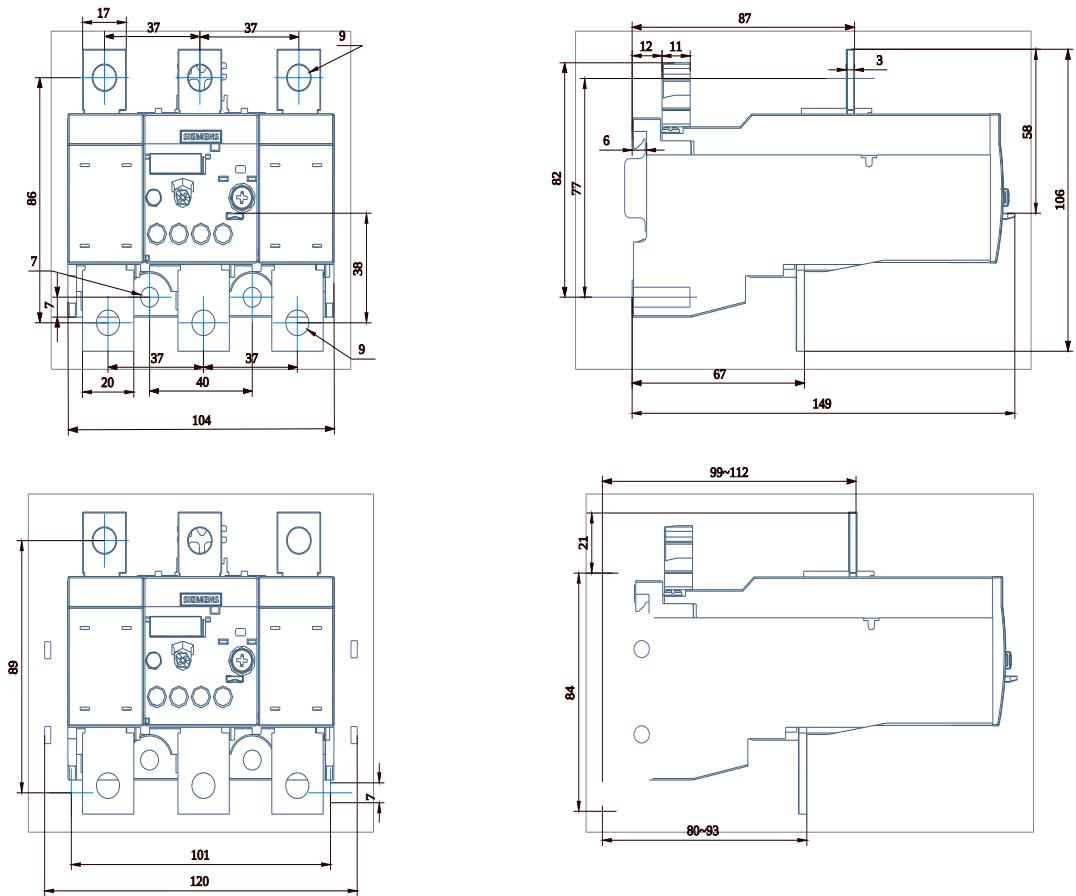
[Confirmation](#)



other

[Confirmation](#)

Further information  
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)



last modified:

7/20/2023