



2NO+2NC CONTACTOR, AC3: 7.5KW DC 24V 4-POLE, 2NO+2NC, SZ: S00, SCREW TERMINAL

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| product brand name | SIRIUS |
| Product designation | 3RT2 contactor |
| General technical data: | |
| Product expansion function module for communication | No |
| Insulation voltage | |
| • Rated value | 690 V |
| maximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1 | 400 V |
| Degree of pollution | 3 |
| Shock resistance | |
| • at rectangular impulse | |
| — for DC | 7.3g / 5 ms, 4.7g / 10 ms |
| • with sine pulse | |
| — for DC | 11,4g / 5 ms, 7,3g / 10 ms |
| Surge voltage resistance Rated value | 6 kV |
| Mechanical service life (switching cycles) | |
| • of the contactor typical | 30 000 000 |
| • of the contactor with added electronics-compatible auxiliary switch block typical | 5 000 000 |
| • of the contactor with added auxiliary switch block typical | 10 000 000 |
| Protection class IP | |
| • on the front | IP20 |
| Equipment marking | |

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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Main circuit:

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| Number of poles for main current circuit | 4 |
| Number of NC contacts for main contacts | 2 |
| Number of NO contacts for main contacts | 2 |
| Operating current | |
| <ul style="list-style-type: none"> • at AC-1 <ul style="list-style-type: none"> — up to 690 V at ambient temperature 40 °C Rated value — up to 690 V at ambient temperature 60 °C Rated value • at AC-2 at AC-3 at 400 V <ul style="list-style-type: none"> — per NO contact Rated value — per NC contact Rated value | <p>22 A</p> <p>20 A</p> <p>16 A</p> <p>9 A</p> |
| Operating current with 1 current path | |
| <ul style="list-style-type: none"> • at DC-1 <ul style="list-style-type: none"> — at 24 V Rated value — at 110 V Rated value — at 220 V Rated value — at 440 V Rated value • at DC-3 at DC-5 <ul style="list-style-type: none"> — at 24 V per NC contact Rated value — at 24 V per NO contact Rated value — at 110 V per NC contact Rated value — at 110 V per NO contact Rated value — at 220 V per NC contact Rated value — at 220 V per NO contact Rated value | <p>20 A</p> <p>2.1 A</p> <p>0.8 A</p> <p>0.6 A</p> <p>20 A</p> <p>20 A</p> <p>0.075 A</p> <p>0.15 A</p> <p>0.375 A</p> <p>0.75 A</p> |
| Operating current with 2 current paths in series | |
| <ul style="list-style-type: none"> • at DC-1 <ul style="list-style-type: none"> — at 24 V Rated value — at 110 V Rated value — at 220 V Rated value — at 440 V Rated value • at DC-3 at DC-5 <ul style="list-style-type: none"> — at 110 V per NC contact Rated value — at 110 V per NO contact Rated value — at 24 V per NC contact Rated value — at 24 V per NO contact Rated value | <p>20 A</p> <p>12 A</p> <p>1.6 A</p> <p>0.8 A</p> <p>0.175 A</p> <p>0.35 A</p> <p>20 A</p> <p>20 A</p> |
| Operating power | |
| <ul style="list-style-type: none"> • at AC-2 at AC-3 | |