SIEMENS

Data sheet

3RT1066-2AV36



CONTACTOR, 160KW/400V/AC-3 AC(40...60HZ)/DC OPERATION UC 380-420V AUXILIARY CONTACTS 2NO+2NC 3-POLE, SIZE S10 BAR CONNECTIONS CONVENT. OPERATING MECHANISM CAGE CLAMP TERMINAL

| Figure similar | | | | |
|--|----|-----------------|--|--|
| product brand name | | SIRIUS | | |
| Product designation | | power contactor | | |
| General technical data: | | | | |
| Insulation voltage | | | | |
| Rated value | V | 1 000 | | |
| Degree of pollution | | 3 | | |
| Surge voltage resistance Rated value | kV | 8 | | |
| Mechanical service life (switching cycles) | | | | |
| of the contactor typical | | 10 000 000 | | |
| 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 | | |
| Thermal short-time current restricted to 10 s | А | 2 400 | | |
| Protection class IP | | | | |
| • on the front | | IP00 | | |
| • of the terminal | | IP00 | | |
| Equipment marking | | | | |
| • acc. to DIN EN 61346-2 | | Q | | |
| • acc. to DIN EN 81346-2 | | Q | | |
| Main circuit: | | | | |
| Number of poles for main current circuit | | 3 | | |
| Number of NC contacts for main contacts | | 0 | | |
| Number of NO contacts for main contacts | | 3 | | |
| Operating current | | | | |

| | ● at AC-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Rated valueA- up to 690 V at ambient temperature 60 °CA300Rated valueA300- up to 690 V at ambient temperature 60 °CA300Rated valueA300- at 400 V Rated valueA300- at 400 V Rated valueA280- at 400 V Rated valueA300- at 400 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300 <td< td=""><td>— at 400 V at ambient temperature 40 °C</td><td>А</td><td>330</td></td<> | — at 400 V at ambient temperature 40 °C | А | 330 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated valueA300- up to 690 V at ambient temperature 60 °CA300- at 400 V Rated valueA300- at 400 V Rated valueA280- at 600 V Rated valueA280• at AC-4 at 400 V Rated valueA300- at 24 V Rated valueA300- at 10 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 10 V Rated valueA300- at 10 V Rated valueA300- at 24 V Rated valueA300- at 10 V Rated valueA300- at 10 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 20 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 20 V Rated valueA3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | — up to 690 V at ambient temperature 40 °C | А | 330 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated valueImage: state | Rated value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • at AC-3 Image: Constraint of the section of the sectio | | А | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Rated value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | • at AC-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| eta CAC-4 at 400 V Rated valueA280Operating current with 1 current path • at DC-1A300- at 24 V Rated valueA33• at DC-3 at DC-5 at 24 V Rated valueA300- at 10 V Rated valueA300- at 110 V Rated valueA300- at 124 V Rated valueA300- at 124 V Rated valueA300- at 124 V Rated valueA300- at 10 V Rated valueA300- at 10 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 100 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 100 V Rated valueA300- at 24 V Rated valueA300 <tr <td="">- at 600 V Rated value<t< td=""><td>— at 400 V Rated value</td><td>А</td><td>300</td></t<></tr> <tr><td>Operating current with 1 current path • at DC-1 A 300 - at 24 V Rated value A 33 - at 10 V Rated value A 33 • at DC-3 at DC-5 - - - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 24 V Rated value A 300 - at 24 V Rated value A 300 - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 24 V Rated value A 300 - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 10 V Rated value</td><td>— at 690 V Rated value</td><td>А</td><td>280</td></tr> <tr><td>• at DC-1 A 300 - at 24 V Rated value A 33 • at DC-3 at DC-5 - - - at 24 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 110 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 24 V Rated value A 300 - at 110 V Rated value KW 100 at A</td><td>• at AC-4 at 400 V Rated value</td><td>А</td><td>280</td></tr> <tr><td></td><td>Operating current with 1 current path</td><td></td><td></td></tr> <tr><td>InterferenceA33- at 110 V Rated valueA30- at 24 V Rated valueA300- at 110 V Rated valueA3Operating current with 2 current paths in series at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 400 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 20 V at 60 v Rated valueKW197- at 20 V at 60 v C Rated valueW160 000- at 230 V at 60 °C Rated valueKW113- at 690 V Rated valueKW340</td><td>● at DC-1</td><td></td><td></td></tr> <tr><td>• at DC-3 at DC-5I- at 24 V Rated valueA300- at 110 V Rated valueA3Operating current with 2 current paths in seriesI- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24</td><td>— at 24 V Rated value</td><td>А</td><td>300</td></tr> <tr><td>- at 24 V Rated valueA300- at 110 V Rated valueA3Operating current with 2 current paths in series • at DC-1 at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueKW197- at 24 V Rated valueKW160 000Operating power at 250 V at 60 °C Rated valueKW113- at 690 V Rated valueKW340- at 690 V Rated valueKW340</td><td>— at 110 V Rated value</td><td>А</td><td>33</td></tr> <tr><td></td><td>• at DC-3 at DC-5</td><td></td><td></td></tr> <tr><td>Operating current with 2 current paths in seriesImage: current with 2 current paths in series• at DC-1 at 24 V Rated valueA- at 110 V Rated valueA• at DC-3 at DC-5 at 110 V Rated valueA- at 110 V Rated valueA- at 24 V Rated valueA- at 110 V Rated valueA- at 24 V Rated valueA- at 24 V Rated valueA- at 100 V Rated valueA- at 24 V Rated valueKW- at 250 V at 60 °C Rated valueKW- at 690 V Rated valueKW<!--</td--><td>— at 24 V Rated value</td><td>А</td><td>300</td></td></tr> <tr><td>• at DC-1 A 300 - at 24 V Rated value A 300 - at 110 V Rated value A 300 • at DC-3 at DC-5 - - - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 10 V Rated value A 300 - at 110 V Rated value A 300 - at 110 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 40 V Rated value KW 197 - a</td><td>— at 110 V Rated value</td><td>А</td><td>3</td></tr> <tr><td>- at 24 V Rated valueA300- at 110 V Rated valueA300at DC-3 at DC-5 at 110 V Rated valueA300- at 24 V Rated valueA300Operating current with 3 current paths in series at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueKW197- at 400 V Rated valueKW113- at 400 V Rated valueKW113- at 400 V Rated valueKW340- at 690 V Rated valueKW340</td><td>Operating current with 2 current paths in series</td><td></td><td></td></tr> <tr><td>A the formed of the original original of the original original</td><td>● at DC-1</td><td></td><td></td></tr> <tr><td>A the trace of the traceA300- at 110 V Rated valueA300- at 24 V Rated valueA300Operating current with 3 current paths in series • at DC-1 at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueKW197- at AC-1 at 400 V Rated valueKW171- at AC-4 at 400 V Rated valueKW160 000Operating power at 230 V at 60 °C Rated valueKW113- at 690 V at 60 °C Rated valueKW340- at 690 V Rated valueKW340</td><td>— at 24 V Rated value</td><td>А</td><td>300</td></tr> <tr><td>- at 110 V Rated valueA300- at 24 V Rated valueA300Operating current with 3 current paths in series • at DC-1 at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueKW197- at AC-1 at 400 V Rated valueKW171- at AC-2 at 400 V Rated valueW160 000Operating power • at AC-1 at 230 V at 60 °C Rated valueKW113- at 690 V at 60 °C Rated valueKW340</td><td>— at 110 V Rated value</td><td>А</td><td>300</td></tr> <tr><td>Initial factorA300Operating current with 3 current paths in series • at DC-1 at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA100- at 24 V Rated valueA100- at 24 V Rated valueKW197• at AC-1 at 400 V Rated valueKW171• at AC-2 at 400 V Rated valueW160 000Operating power • at AC-1 at 230 V at 60 °C Rated valueKW113- at 690 V Rated valueKW340</td><td>• at DC-3 at DC-5</td><td></td><td></td></tr> <tr><td>Operating current with 3 current paths in seriesA300• at DC-1- at 24 V Rated valueA300- at 110 V Rated valueA300• at DC-3 at DC-5 at 110 V Rated valueA300- at 24 V Rated valueA100Operating power• at AC-1 at 400 V Rated valueKW197• at AC-2 at 400 V Rated valueW160 000Operating power• at AC-4 at 400 V Rated valueW113• at AC-1 at 230 V at 60 °C Rated valueKW340- at 690 V Rated valueKW340</td><td>— at 110 V Rated value</td><td>А</td><td>300</td></tr> <tr><td>• at DC-1 A 300 - at 24 V Rated value A 300 - at 110 V Rated value A 300 • at DC-3 at DC-5 - - - at 110 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value KW 197 • at AC-1 at 400 V Rated value KW 171 • at AC-2 at 400 V Rated value KW 160 000 • at AC-4 at 400 V Rated value KW 160 000 • at AC-1 - - • at 690 V at 60 °C Rated value KW 113 - at 690 V Rated value KW 340 - at 690 V Rated value KW 340</td><td>— at 24 V Rated value</td><td>А</td><td>300</td></tr> <tr><td>- at 24 V Rated valueA300- at 110 V Rated valueA300• at DC-3 at DC-5 at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300• at AC-1 at 400 V Rated valueKW197• at AC-2 at 400 V Rated valueKW171• at AC-2 at 400 V Rated valueW160 000• at AC-1W160 000• at AC-1KW113- at 230 V at 60 °C Rated valueKW340- at 690 V Rated valueKW340</td><td>Operating current with 3 current paths in series</td><td></td><td></td></tr> <tr><td>- at 110 V Rated valueA300• at DC-3 at DC-5 at 110 V Rated valueA- at 24 V Rated valueA- at 24 V Rated valueA0 perating power-• at AC-1 at 400 V Rated valueKW• at AC-2 at 400 V Rated valueKW• at AC-2 at 400 V Rated valueW• at AC-4 at 400 V Rated valueW• at AC-4 at 400 V Rated valueW• at AC-1 at 230 V at 60 °C Rated valueKW- at 690 V at 60 °C Rated valueKW- at 690 V Rated valueKW at 690 V Rated valueKW at 690 V Rated valueKW</td><td>• at DC-1</td><td></td><td></td></tr> <tr><td>• at DC-3 at DC-5I300- at 110 V Rated valueA300- at 24 V Rated valueA300Operating power• at AC-1 at 400 V Rated valuekW197• at AC-2 at 400 V Rated valuekW171• at AC-2 at 400 V Rated valueW160 000• at AC-4 at 400 V Rated valueW160 000• at AC-1• at AC-1 at 230 V at 60 °C Rated valueKW113- at 690 V Rated valuekW340</td><td>— at 24 V Rated value</td><td>А</td><td>300</td></tr> <tr><td>- at 110 V Rated valueA300- at 24 V Rated valueA300Operating power• at AC-1 at 400 V Rated valueKW197• at AC-2 at 400 V Rated valueKW171• at AC-4 at 400 V Rated valueW160 000Operating power• at AC-1 at 230 V at 60 °C Rated valueKW113- at 690 V Rated valueKW340- at 690 V Rated valueKW340</td><td>— at 110 V Rated value</td><td>А</td><td>300</td></tr> <tr><td> at 24 V Rated valueA300Operating power• at AC-1 at 400 V Rated valuekW197• at AC-2 at 400 V Rated valuekW171• at AC-2 at 400 V Rated valueW160 000• at AC-4 at 400 V Rated valueW160 000• at AC-1• at AC-1 at 230 V at 60 °C Rated valuekW113- at 690 V at 60 °C Rated valuekW340- at 690 V Rated valuekW340</td><td>• at DC-3 at DC-5</td><td></td><td></td></tr> <tr><td>Operating power• at AC-1 at 400 V Rated valuekW197• at AC-2 at 400 V Rated valuekW171• at AC-4 at 400 V Rated valueW160 000• at AC-4 at 400 V Rated valueV160 000• at AC-1• at AC-1 at 230 V at 60 °C Rated valuekW113- at 690 V at 60 °C Rated valuekW340- at 690 V Rated valuekW340</td><td>— at 110 V Rated value</td><td>А</td><td>300</td></tr> <tr><td>• at AC-1 at 400 V Rated valuekW197• at AC-2 at 400 V Rated valuekW171• at AC-4 at 400 V Rated valueW160 000Operating power• at AC-1 at 230 V at 60 °C Rated valuekW113- at 690 V at 60 °C Rated valuekW340- at 690 V Rated valuekW340</td><td>— at 24 V Rated value</td><td>А</td><td>300</td></tr> <tr><td> at AC-2 at 400 V Rated value at AC-4 at 400 V Rated value W 160 000 Operating power at AC-1 - at 230 V at 60 °C Rated value KW 113 - at 690 V at 60 °C Rated value KW 340 - at 690 V Rated value KW 340 </td><td>Operating power</td><td></td><td></td></tr> <tr><td>• at AC-4 at 400 V Rated valueW160 000Operating powerKW160 000• at AC-1- at 230 V at 60 °C Rated valueKW- at 690 V at 60 °C Rated valueKW113- at 690 V at 60 °C Rated valueKW340- at 690 V Rated valueKW340</td><td>• at AC-1 at 400 V Rated value</td><td>kW</td><td>197</td></tr> <tr><td>Operating power • at AC-1kW113- at 230 V at 60 °C Rated valuekW340- at 690 V at 60 °C Rated valuekW340- at 690 V Rated valuekW340</td><td>• at AC-2 at 400 V Rated value</td><td>kW</td><td>171</td></tr> <tr><td>• at AC-1 — at 230 V at 60 °C Rated value kW 113 — at 690 V at 60 °C Rated value kW 340 — at 690 V Rated value kW 340</td><td>• at AC-4 at 400 V Rated value</td><td>W</td><td>160 000</td></tr> <tr><td>- at 230 V at 60 °C Rated value kW 113 - at 690 V at 60 °C Rated value kW 340 - at 690 V Rated value kW 340</td><td>Operating power</td><td></td><td></td></tr> <tr><td> at 690 V at 60 °C Rated valuekW340 at 690 V Rated valuekW340</td><td>• at AC-1</td><td></td><td></td></tr> <tr><td>- at 690 V Rated value kW 340</td><td>— at 230 V at 60 °C Rated value</td><td>kW</td><td>113</td></tr> <tr><td></td><td>— at 690 V at 60 °C Rated value</td><td>kW</td><td>340</td></tr> <tr><td>● at AC-3</td><td>— at 690 V Rated value</td><td>kW</td><td>340</td></tr> <tr><td></td><td>• at AC-3</td><td></td><td></td></tr> | — at 400 V Rated value | А | 300 | Operating current with 1 current path • at DC-1 A 300 - at 24 V Rated value A 33 - at 10 V Rated value A 33 • at DC-3 at DC-5 - - - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 24 V Rated value A 300 - at 24 V Rated value A 300 - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 24 V Rated value A 300 - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 10 V Rated value | — at 690 V Rated value | А | 280 | • at DC-1 A 300 - at 24 V Rated value A 33 • at DC-3 at DC-5 - - - at 24 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 110 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 24 V Rated value A 300 - at 110 V Rated value KW 100 at A | • at AC-4 at 400 V Rated value | А | 280 | | Operating current with 1 current path | | | InterferenceA33- at 110 V Rated valueA30- at 24 V Rated valueA300- at 110 V Rated valueA3Operating current with 2 current paths in series at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 400 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 20 V at 60 v Rated valueKW197- at 20 V at 60 v C Rated valueW160 000- at 230 V at 60 °C Rated valueKW113- at 690 V Rated valueKW340 | ● at DC-1 | | | • at DC-3 at DC-5I- at 24 V Rated valueA300- at 110 V Rated valueA3Operating current with 2 current paths in seriesI- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 | — at 24 V Rated value | А | 300 | - at 24 V Rated valueA300- at 110 V Rated valueA3Operating current with 2 current paths in series • at DC-1 at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueKW197- at 24 V Rated valueKW160 000Operating power at 250 V at 60 °C Rated valueKW113- at 690 V Rated valueKW340- at 690 V Rated valueKW340 | — at 110 V Rated value | А | 33 | | • at DC-3 at DC-5 | | | Operating current with 2 current paths in seriesImage: current with 2 current paths in series• at DC-1 at 24 V Rated valueA- at 110 V Rated valueA• at DC-3 at DC-5 at 110 V Rated valueA- at 110 V Rated valueA- at 24 V Rated valueA- at 110 V Rated valueA- at 24 V Rated valueA- at 24 V Rated valueA- at 100 V Rated valueA- at 24 V Rated valueKW- at 250 V at 60 °C Rated valueKW- at 690 V Rated valueKW </td <td>— at 24 V Rated value</td> <td>А</td> <td>300</td> | — at 24 V Rated value | А | 300 | • at DC-1 A 300 - at 24 V Rated value A 300 - at 110 V Rated value A 300 • at DC-3 at DC-5 - - - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 10 V Rated value A 300 - at 110 V Rated value A 300 - at 110 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 40 V Rated value KW 197 - a | — at 110 V Rated value | А | 3 | - at 24 V Rated valueA300- at 110 V Rated valueA300at DC-3 at DC-5 at 110 V Rated valueA300- at 24 V Rated valueA300Operating current with 3 current paths in series at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueKW197- at 400 V Rated valueKW113- at 400 V Rated valueKW113- at 400 V Rated valueKW340- at 690 V Rated valueKW340 | Operating current with 2 current paths in series | | | A the formed of the original original of the original | ● at DC-1 | | | A the trace of the traceA300- at 110 V Rated valueA300- at 24 V Rated valueA300Operating current with 3 current paths in series • at DC-1 at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueKW197- at AC-1 at 400 V Rated valueKW171- at AC-4 at 400 V Rated valueKW160 000Operating power at 230 V at 60 °C Rated valueKW113- at 690 V at 60 °C Rated valueKW340- at 690 V Rated valueKW340 | — at 24 V Rated value | А | 300 | - at 110 V Rated valueA300- at 24 V Rated valueA300Operating current with 3 current paths in series • at DC-1 at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueKW197- at AC-1 at 400 V Rated valueKW171- at AC-2 at 400 V Rated valueW160 000Operating power • at AC-1 at 230 V at 60 °C Rated valueKW113- at 690 V at 60 °C Rated valueKW340 | — at 110 V Rated value | А | 300 | Initial factorA300Operating current with 3 current paths in series • at DC-1 at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA100- at 24 V Rated valueA100- at 24 V Rated valueKW197• at AC-1 at 400 V Rated valueKW171• at AC-2 at 400 V Rated valueW160 000Operating power • at AC-1 at 230 V at 60 °C Rated valueKW113- at 690 V Rated valueKW340 | • at DC-3 at DC-5 | | | Operating current with 3 current paths in seriesA300• at DC-1- at 24 V Rated valueA300- at 110 V Rated valueA300• at DC-3 at DC-5 at 110 V Rated valueA300- at 24 V Rated valueA100Operating power• at AC-1 at 400 V Rated valueKW197• at AC-2 at 400 V Rated valueW160 000Operating power• at AC-4 at 400 V Rated valueW113• at AC-1 at 230 V at 60 °C Rated valueKW340- at 690 V Rated valueKW340 | — at 110 V Rated value | А | 300 | • at DC-1 A 300 - at 24 V Rated value A 300 - at 110 V Rated value A 300 • at DC-3 at DC-5 - - - at 110 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value KW 197 • at AC-1 at 400 V Rated value KW 171 • at AC-2 at 400 V Rated value KW 160 000 • at AC-4 at 400 V Rated value KW 160 000 • at AC-1 - - • at 690 V at 60 °C Rated value KW 113 - at 690 V Rated value KW 340 - at 690 V Rated value KW 340 | — at 24 V Rated value | А | 300 | - at 24 V Rated valueA300- at 110 V Rated valueA300• at DC-3 at DC-5 at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300• at AC-1 at 400 V Rated valueKW197• at AC-2 at 400 V Rated valueKW171• at AC-2 at 400 V Rated valueW160 000• at AC-1W160 000• at AC-1KW113- at 230 V at 60 °C Rated valueKW340- at 690 V Rated valueKW340 | Operating current with 3 current paths in series | | | - at 110 V Rated valueA300• at DC-3 at DC-5 at 110 V Rated valueA- at 24 V Rated valueA- at 24 V Rated valueA0 perating power-• at AC-1 at 400 V Rated valueKW• at AC-2 at 400 V Rated valueKW• at AC-2 at 400 V Rated valueW• at AC-4 at 400 V Rated valueW• at AC-4 at 400 V Rated valueW• at AC-1 at 230 V at 60 °C Rated valueKW- at 690 V at 60 °C Rated valueKW- at 690 V Rated valueKW at 690 V Rated valueKW at 690 V Rated valueKW | • at DC-1 | | | • at DC-3 at DC-5I300- at 110 V Rated valueA300- at 24 V Rated valueA300Operating power• at AC-1 at 400 V Rated valuekW197• at AC-2 at 400 V Rated valuekW171• at AC-2 at 400 V Rated valueW160 000• at AC-4 at 400 V Rated valueW160 000• at AC-1• at AC-1 at 230 V at 60 °C Rated valueKW113- at 690 V Rated valuekW340 | — at 24 V Rated value | А | 300 | - at 110 V Rated valueA300- at 24 V Rated valueA300Operating power• at AC-1 at 400 V Rated valueKW197• at AC-2 at 400 V Rated valueKW171• at AC-4 at 400 V Rated valueW160 000Operating power• at AC-1 at 230 V at 60 °C Rated valueKW113- at 690 V Rated valueKW340- at 690 V Rated valueKW340 | — at 110 V Rated value | А | 300 | at 24 V Rated valueA300Operating power• at AC-1 at 400 V Rated valuekW197• at AC-2 at 400 V Rated valuekW171• at AC-2 at 400 V Rated valueW160 000• at AC-4 at 400 V Rated valueW160 000• at AC-1• at AC-1 at 230 V at 60 °C Rated valuekW113- at 690 V at 60 °C Rated valuekW340- at 690 V Rated valuekW340 | • at DC-3 at DC-5 | | | Operating power• at AC-1 at 400 V Rated valuekW197• at AC-2 at 400 V Rated valuekW171• at AC-4 at 400 V Rated valueW160 000• at AC-4 at 400 V Rated valueV160 000• at AC-1• at AC-1 at 230 V at 60 °C Rated valuekW113- at 690 V at 60 °C Rated valuekW340- at 690 V Rated valuekW340 | — at 110 V Rated value | А | 300 | • at AC-1 at 400 V Rated valuekW197• at AC-2 at 400 V Rated valuekW171• at AC-4 at 400 V Rated valueW160 000Operating power• at AC-1 at 230 V at 60 °C Rated valuekW113- at 690 V at 60 °C Rated valuekW340- at 690 V Rated valuekW340 | — at 24 V Rated value | А | 300 | at AC-2 at 400 V Rated value at AC-4 at 400 V Rated value W 160 000 Operating power at AC-1 - at 230 V at 60 °C Rated value KW 113 - at 690 V at 60 °C Rated value KW 340 - at 690 V Rated value KW 340 | Operating power | | | • at AC-4 at 400 V Rated valueW160 000Operating powerKW160 000• at AC-1- at 230 V at 60 °C Rated valueKW- at 690 V at 60 °C Rated valueKW113- at 690 V at 60 °C Rated valueKW340- at 690 V Rated valueKW340 | • at AC-1 at 400 V Rated value | kW | 197 | Operating power • at AC-1kW113- at 230 V at 60 °C Rated valuekW340- at 690 V at 60 °C Rated valuekW340- at 690 V Rated valuekW340 | • at AC-2 at 400 V Rated value | kW | 171 | • at AC-1 — at 230 V at 60 °C Rated value kW 113 — at 690 V at 60 °C Rated value kW 340 — at 690 V Rated value kW 340 | • at AC-4 at 400 V Rated value | W | 160 000 | - at 230 V at 60 °C Rated value kW 113 - at 690 V at 60 °C Rated value kW 340 - at 690 V Rated value kW 340 | Operating power | | | at 690 V at 60 °C Rated valuekW340 at 690 V Rated valuekW340 | • at AC-1 | | | - at 690 V Rated value kW 340 | — at 230 V at 60 °C Rated value | kW | 113 | | — at 690 V at 60 °C Rated value | kW | 340 | ● at AC-3 | — at 690 V Rated value | kW | 340 | | • at AC-3 | | |
| — at 400 V Rated value | А | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operating current with 1 current path • at DC-1 A 300 - at 24 V Rated value A 33 - at 10 V Rated value A 33 • at DC-3 at DC-5 - - - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 24 V Rated value A 300 - at 24 V Rated value A 300 - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 24 V Rated value A 300 - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 10 V Rated value | — at 690 V Rated value | А | 280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • at DC-1 A 300 - at 24 V Rated value A 33 • at DC-3 at DC-5 - - - at 24 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 110 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 24 V Rated value A 300 - at 110 V Rated value KW 100 at A | • at AC-4 at 400 V Rated value | А | 280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Operating current with 1 current path | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| InterferenceA33- at 110 V Rated valueA30- at 24 V Rated valueA300- at 110 V Rated valueA3Operating current with 2 current paths in series at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 400 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 20 V at 60 v Rated valueKW197- at 20 V at 60 v C Rated valueW160 000- at 230 V at 60 °C Rated valueKW113- at 690 V Rated valueKW340 | ● at DC-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • at DC-3 at DC-5I- at 24 V Rated valueA300- at 110 V Rated valueA3Operating current with 2 current paths in seriesI- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 | — at 24 V Rated value | А | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - at 24 V Rated valueA300- at 110 V Rated valueA3Operating current with 2 current paths in series • at DC-1 at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueKW197- at 24 V Rated valueKW160 000Operating power at 250 V at 60 °C Rated valueKW113- at 690 V Rated valueKW340- at 690 V Rated valueKW340 | — at 110 V Rated value | А | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | • at DC-3 at DC-5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operating current with 2 current paths in seriesImage: current with 2 current paths in series• at DC-1 at 24 V Rated valueA- at 110 V Rated valueA• at DC-3 at DC-5 at 110 V Rated valueA- at 110 V Rated valueA- at 24 V Rated valueA- at 110 V Rated valueA- at 24 V Rated valueA- at 24 V Rated valueA- at 100 V Rated valueA- at 24 V Rated valueKW- at 250 V at 60 °C Rated valueKW- at 690 V Rated valueKW </td <td>— at 24 V Rated value</td> <td>А</td> <td>300</td> | — at 24 V Rated value | А | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • at DC-1 A 300 - at 24 V Rated value A 300 - at 110 V Rated value A 300 • at DC-3 at DC-5 - - - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 10 V Rated value A 300 - at 10 V Rated value A 300 - at 110 V Rated value A 300 - at 110 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value A 300 - at 40 V Rated value KW 197 - a | — at 110 V Rated value | А | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - at 24 V Rated valueA300- at 110 V Rated valueA300at DC-3 at DC-5 at 110 V Rated valueA300- at 24 V Rated valueA300Operating current with 3 current paths in series at 24 V Rated valueA300- at 110 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueKW197- at 400 V Rated valueKW113- at 400 V Rated valueKW113- at 400 V Rated valueKW340- at 690 V Rated valueKW340 | Operating current with 2 current paths in series | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A the formed of the original original of the original | ● at DC-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A the trace of the traceA300- at 110 V Rated valueA300- at 24 V Rated valueA300Operating current with 3 current paths in series • at DC-1 at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueKW197- at AC-1 at 400 V Rated valueKW171- at AC-4 at 400 V Rated valueKW160 000Operating power at 230 V at 60 °C Rated valueKW113- at 690 V at 60 °C Rated valueKW340- at 690 V Rated valueKW340 | — at 24 V Rated value | А | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - at 110 V Rated valueA300- at 24 V Rated valueA300Operating current with 3 current paths in series • at DC-1 at 24 V Rated valueA300- at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueKW197- at AC-1 at 400 V Rated valueKW171- at AC-2 at 400 V Rated valueW160 000Operating power • at AC-1 at 230 V at 60 °C Rated valueKW113- at 690 V at 60 °C Rated valueKW340 | — at 110 V Rated value | А | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial factorA300Operating current with 3 current paths in series • at DC-1 at 24 V Rated valueA300- at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA100- at 24 V Rated valueA100- at 24 V Rated valueKW197• at AC-1 at 400 V Rated valueKW171• at AC-2 at 400 V Rated valueW160 000Operating power • at AC-1 at 230 V at 60 °C Rated valueKW113- at 690 V Rated valueKW340 | • at DC-3 at DC-5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operating current with 3 current paths in seriesA300• at DC-1- at 24 V Rated valueA300- at 110 V Rated valueA300• at DC-3 at DC-5 at 110 V Rated valueA300- at 24 V Rated valueA100Operating power• at AC-1 at 400 V Rated valueKW197• at AC-2 at 400 V Rated valueW160 000Operating power• at AC-4 at 400 V Rated valueW113• at AC-1 at 230 V at 60 °C Rated valueKW340- at 690 V Rated valueKW340 | — at 110 V Rated value | А | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • at DC-1 A 300 - at 24 V Rated value A 300 - at 110 V Rated value A 300 • at DC-3 at DC-5 - - - at 110 V Rated value A 300 - at 110 V Rated value A 300 - at 24 V Rated value KW 197 • at AC-1 at 400 V Rated value KW 171 • at AC-2 at 400 V Rated value KW 160 000 • at AC-4 at 400 V Rated value KW 160 000 • at AC-1 - - • at 690 V at 60 °C Rated value KW 113 - at 690 V Rated value KW 340 - at 690 V Rated value KW 340 | — at 24 V Rated value | А | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - at 24 V Rated valueA300- at 110 V Rated valueA300• at DC-3 at DC-5 at 110 V Rated valueA300- at 24 V Rated valueA300- at 24 V Rated valueA300• at AC-1 at 400 V Rated valueKW197• at AC-2 at 400 V Rated valueKW171• at AC-2 at 400 V Rated valueW160 000• at AC-1W160 000• at AC-1KW113- at 230 V at 60 °C Rated valueKW340- at 690 V Rated valueKW340 | Operating current with 3 current paths in series | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - at 110 V Rated valueA300• at DC-3 at DC-5 at 110 V Rated valueA- at 24 V Rated valueA- at 24 V Rated valueA0 perating power-• at AC-1 at 400 V Rated valueKW• at AC-2 at 400 V Rated valueKW• at AC-2 at 400 V Rated valueW• at AC-4 at 400 V Rated valueW• at AC-4 at 400 V Rated valueW• at AC-1 at 230 V at 60 °C Rated valueKW- at 690 V at 60 °C Rated valueKW- at 690 V Rated valueKW at 690 V Rated valueKW at 690 V Rated valueKW | • at DC-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • at DC-3 at DC-5I300- at 110 V Rated valueA300- at 24 V Rated valueA300Operating power• at AC-1 at 400 V Rated valuekW197• at AC-2 at 400 V Rated valuekW171• at AC-2 at 400 V Rated valueW160 000• at AC-4 at 400 V Rated valueW160 000• at AC-1• at AC-1 at 230 V at 60 °C Rated valueKW113- at 690 V Rated valuekW340 | — at 24 V Rated value | А | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - at 110 V Rated valueA300- at 24 V Rated valueA300Operating power• at AC-1 at 400 V Rated valueKW197• at AC-2 at 400 V Rated valueKW171• at AC-4 at 400 V Rated valueW160 000Operating power• at AC-1 at 230 V at 60 °C Rated valueKW113- at 690 V Rated valueKW340- at 690 V Rated valueKW340 | — at 110 V Rated value | А | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| at 24 V Rated valueA300Operating power• at AC-1 at 400 V Rated valuekW197• at AC-2 at 400 V Rated valuekW171• at AC-2 at 400 V Rated valueW160 000• at AC-4 at 400 V Rated valueW160 000• at AC-1• at AC-1 at 230 V at 60 °C Rated valuekW113- at 690 V at 60 °C Rated valuekW340- at 690 V Rated valuekW340 | • at DC-3 at DC-5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operating power• at AC-1 at 400 V Rated valuekW197• at AC-2 at 400 V Rated valuekW171• at AC-4 at 400 V Rated valueW160 000• at AC-4 at 400 V Rated valueV160 000• at AC-1• at AC-1 at 230 V at 60 °C Rated valuekW113- at 690 V at 60 °C Rated valuekW340- at 690 V Rated valuekW340 | — at 110 V Rated value | А | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • at AC-1 at 400 V Rated valuekW197• at AC-2 at 400 V Rated valuekW171• at AC-4 at 400 V Rated valueW160 000Operating power• at AC-1 at 230 V at 60 °C Rated valuekW113- at 690 V at 60 °C Rated valuekW340- at 690 V Rated valuekW340 | — at 24 V Rated value | А | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| at AC-2 at 400 V Rated value at AC-4 at 400 V Rated value W 160 000 Operating power at AC-1 - at 230 V at 60 °C Rated value KW 113 - at 690 V at 60 °C Rated value KW 340 - at 690 V Rated value KW 340 | Operating power | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • at AC-4 at 400 V Rated valueW160 000Operating powerKW160 000• at AC-1- at 230 V at 60 °C Rated valueKW- at 690 V at 60 °C Rated valueKW113- at 690 V at 60 °C Rated valueKW340- at 690 V Rated valueKW340 | • at AC-1 at 400 V Rated value | kW | 197 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operating power • at AC-1kW113- at 230 V at 60 °C Rated valuekW340- at 690 V at 60 °C Rated valuekW340- at 690 V Rated valuekW340 | • at AC-2 at 400 V Rated value | kW | 171 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • at AC-1 — at 230 V at 60 °C Rated value kW 113 — at 690 V at 60 °C Rated value kW 340 — at 690 V Rated value kW 340 | • at AC-4 at 400 V Rated value | W | 160 000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - at 230 V at 60 °C Rated value kW 113 - at 690 V at 60 °C Rated value kW 340 - at 690 V Rated value kW 340 | Operating power | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| at 690 V at 60 °C Rated valuekW340 at 690 V Rated valuekW340 | • at AC-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - at 690 V Rated value kW 340 | — at 230 V at 60 °C Rated value | kW | 113 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | — at 690 V at 60 °C Rated value | kW | 340 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● at AC-3 | — at 690 V Rated value | kW | 340 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | • at AC-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| — at 230 V Rated value | kW | 97 |
|--|-----|---------------|
| — at 400 V Rated value | kW | 171 |
| — at 500 V Rated value | kW | 215 |
| — at 690 V Rated value | kW | 280 |
| Operating power for ≥ 200000 operating cycles at | - | |
| AC-4 | | |
| • at 400 V Rated value | kW | 71 |
| • at 690 V Rated value | kW | 112 |
| Operating frequency | | |
| • at AC-3 maximum | 1/h | 500 |
| Control circuit/ Control: | | |
| Type of voltage of the control supply voltage | | AC/DC |
| Control supply voltage with AC | | |
| • at 50 Hz Rated value | V | 380 420 |
| • at 60 Hz Rated value | V | 380 420 |
| Control supply voltage for DC | _ | |
| Rated value | V | 380 420 |
| Rated value | Hz | 40 |
| Control supply voltage frequency 2 Rated value | Hz | 60 |
| Operating range factor control supply voltage rated | | |
| value of the magnet coil with AC | | |
| • at 50 Hz | | 0.8 1.1 |
| • at 60 Hz | | 0.8 1.1 |
| Operating range factor control supply voltage rated | | 0.8 1.1 |
| value of the magnet coil for DC | | |
| Design of the surge suppressor | | with varistor |
| Apparent pick-up power of the magnet coil with AC | V·A | 590 |
| Apparent holding power of the magnet coil with AC | V·A | 6.7 |
| Closing power of the magnet coil for DC | W | 650 |
| Holding power of the magnet coil for DC | W | 7.4 |
| Inductive power factor | | |
| • with closing power of the coil | | 0.9 |
| with the holding power of the coil | | 0.9 |
| Auxiliary circuit: | | |
| Number of NC contacts | | |
| for auxiliary contacts | | |
| — instantaneous contact | | 2 |
| Number of NO contacts | | |
| for auxiliary contacts | | |
| — instantaneous contact | | 2 |
| Operating current at AC-15 | | |
| • at 230 V Rated value | А | 6 |
| | | |

| • at 400 V Rated value | А | 3 |
|--|----|----------------------|
| Operating current | - | с |
| at DC-12 at 220 V Rated value | А | 1 |
| at DC-12 at 220 V Rated value at DC-13 at 220 V Rated value | A | 0.3 |
| | A | 0.5 |
| Operating current | | |
| • at DC-12 | • | <u>_</u> |
| — at 60 V Rated value | A | 6 |
| — at 110 V Rated value | A | 3 |
| • at DC-13 | | |
| — at 24 V Rated value | A | 10 |
| — at 60 V Rated value | А | 2 |
| — at 110 V Rated value | А | 1 |
| UL/CSA ratings: | | |
| Contact rating of the auxiliary contacts acc. to UL | | A600 / Q600 |
| Short-circuit: | _ | |
| Design of the fuse link | | |
| for short-circuit protection of the main circuit | | |
| — with type of assignment 1 required | | fuse gL/gG: 500 A |
| — with type of assignment 2 required | | fuse gL/gG: 400 A |
| for short-circuit protection of the auxiliary switch | | fuse gL/gG: 10 A |
| required | | |
| | _ | |
| Installation/ mounting/ dimensions: | _ | ocrow fiving |
| Mounting type | | screw fixing Yes |
| Side-by-side mounting | | |
| Height | mm | 210 |
| Width | mm | 145 |
| Depth Beguired encoing | mm | 202 |
| Required spacing | | |
| • for grounded parts | | 10 |
| — at the side | mm | 10 |
| Connections/ Terminals: | | |
| Type of electrical connection | | |
| for main current circuit | | Cage Clamp terminals |
| for auxiliary and control current circuit | | Cage Clamp terminals |
| Type of connectable conductor cross-section | | |
| for AWG conductors for main contacts | | 2/0 500 kcmil |
| for auxiliary contacts | | |
| — solid | | 2x (0.25 2.5 mm²) |
| — finely stranded with core end processing | | 2x (0.25 1.5 mm²) |
| — finely stranded without core end | | 2x (0.25 2.5 mm²) |
| processing | | |
| | | |

| • for AWG cond | uctors for auxiliary co | ontacts | | 2x (24 14) | I | |
|--------------------------------------|-------------------------|---------|----|------------|---|------------------------------|
| Mechanical data: | | | | | | |
| Size of contactor | | | | S10 | | |
| Ambient conditions: | : | | | | | |
| Installation altitude a maximum | at height above sea le | evel | m | 2 000 | | |
| Ambient temperature | e | | | | | |
| during operation | on | | °C | -25 +60 | | |
| during storage | • | | °C | -55 +80 | | |
| Certificates/ approv | als: | | | | | |
| General Produc | t Approval | | | | Functional Safety/Safety of Machinery | Declaration of Conformity |
| CCC | CSA | | Ł | AC | | EG-Konf. |
| Test Certificates | Shipping Approv | /al | | | | other |
| Special Test Certificate | ABS | | G | GL | RMRS | other |
| other | | | | | | |
| Environmental Confirmations | Confirmation | | | | | |
| | | | | | | |

Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

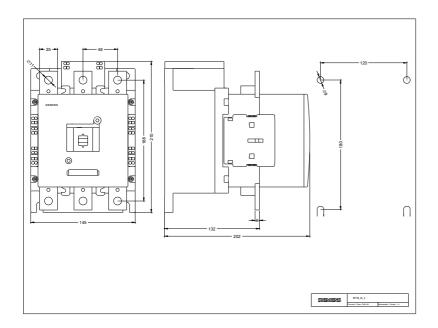
Industry Mall (Online ordering system) http://www.siemens.com/industrymall

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT10662AV36

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RT10662AV36/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT10662AV36&lang=en





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3RT106.-.A..6_01_4_IEC.DXF 3RT107.-.A..6_01_4_IEC.DXF

11.03.2015