

# Appendix

## Standards and approvals

| Devices                                                                                      | Type                                      | Approvals       |                 |             | Marine classifications |          |                   |          |          |          |          |          |          |
|----------------------------------------------------------------------------------------------|-------------------------------------------|-----------------|-----------------|-------------|------------------------|----------|-------------------|----------|----------|----------|----------|----------|----------|
|                                                                                              |                                           | Canada<br>1) 2) | USA<br>1)       | 1)          | China                  | Germany  | United<br>Kingdom | France   | Norway   | CIS      | Italy    | Poland   | USA      |
|                                                                                              |                                           | CE              | UL              | UL          | CCC                    | GL       | LRS               | BV       | DNV      | RMRS     | RINA     | PRS      | ABS      |
| <b>Chapter 4</b>                                                                             |                                           |                 |                 |             |                        |          |                   |          |          |          |          |          |          |
| <b>SIRIUS solid-state<br/>soft starters</b>                                                  | <b>3RW30</b>                              | +               | +               | x           | +                      | --       | --                | --       | --       | --       | --       | --       | --       |
|                                                                                              | <b>3RW40 2 ... 40 4</b>                   | +               | +               | x           | +                      | +        | 0                 | --       | +        | --       | --       | +        | --       |
|                                                                                              | <b>3RW40 5, 3RW40 7</b>                   | +               | +               | x           | +                      | +        | +                 | --       | +        | --       | --       | 0        | --       |
|                                                                                              | <b>3RW44</b>                              | +               | +               | x           | +                      | +        | +                 | +        | +        | --       | --       | +        | --       |
| <b>Chapter 5</b>                                                                             |                                           |                 |                 |             |                        |          |                   |          |          |          |          |          |          |
| <b>SIRIUS motor<br/>starter protectors/<br/>circuit breakers<br/>up to 40 A<sup>3)</sup></b> |                                           |                 |                 |             |                        |          |                   |          |          |          |          |          |          |
| For motor protection                                                                         | <b>3RV20</b>                              | +               | +               | x           | 0                      | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| For motor protection<br>with overload relay<br>function                                      | <b>3RV21</b>                              | +               | +               | x           | 0                      | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| For starter<br>combinations                                                                  | <b>3RV23</b>                              | +               | +               | x           | 0                      | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| For transformer<br>protection                                                                | <b>3RV24</b>                              | + <sup>4)</sup> | + <sup>4)</sup> | x           | 0                      | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| For system protection<br>according to UL 489                                                 | <b>3RV27</b>                              | +               | +               | x           | 0                      | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| For transformer<br>protection<br>acc. to UL 489                                              | <b>3RV28</b>                              | +               | +               | x           | 0                      | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| <b>Accessories<sup>4)</sup></b>                                                              |                                           |                 |                 |             |                        |          |                   |          |          |          |          |          |          |
| Auxiliary switches                                                                           | <b>3RV29 01</b>                           | +               | +               | x           | 0                      | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| Signaling switches                                                                           | <b>3RV29 21</b>                           | +               | +               | x           | 0                      | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| Isolator modules                                                                             | <b>3RV29 28</b>                           | +               | +               | x           | m                      | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| Undervoltage<br>releases /<br>shunt releases                                                 | <b>3RV29 .2</b>                           | +               | +               | x           | m                      | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| Feeder terminals<br>type E                                                                   | <b>3RV29 15,<br/>3RV29 25</b>             | +               | +               | x           | m                      | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| For 3RV2<br>infeed systems                                                                   | <b>3RV29</b>                              | +               | +               | x           | m                      | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| Rotary operating<br>mechanisms                                                               | <b>3RV29 26</b>                           | +               | +               | x           | m                      | --       | --                | --       | --       | --       | --       | --       | --       |
| Terminal blocks<br>type E                                                                    | <b>3RV29 28-1.</b>                        | +               | +               | x           | m                      | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| Link modules                                                                                 | <b>3RA19 21<br/>3RA29 11<br/>3RA29 21</b> | 0<br>0<br>0     | 0<br>0<br>0     | x<br>x<br>x | m<br>m<br>m            | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        |
| Molded-plastic<br>enclosures                                                                 | <b>3RV19 23-1.A00<br/>3RV19 23-1.A01</b>  | --<br>--        | --<br>--        | --<br>--    | m<br>m                 | --<br>-- | --<br>--          | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- | --<br>-- |
| Cast aluminum<br>enclosures for<br>surface mounting                                          |                                           |                 |                 |             |                        |          |                   |          |          |          |          |          |          |
| <b>Thermal<br/>overload relays</b>                                                           | <b>3RU21 1.<br/>3RU21 2.</b>              | +               | +               | x<br>x      | 0<br>0                 | 0<br>0   | 0<br>0            | 0<br>0   | 0<br>0   | 0<br>0   | 0<br>0   | 0<br>0   | 0<br>0   |
| <b>Solid-state<br/>overload relays</b>                                                       | <b>3RB30<br/>3RB31</b>                    | +               | +               | x<br>x      | 0<br>0                 | 0<br>0   | 0<br>0            | 0<br>0   | 0<br>0   | 0<br>0   | 0<br>0   | 0<br>0   | 0<br>0   |
| Accessories for 3RU<br>and 3RB                                                               | <b>3RU29 .6-3A<br/>3RB39 8.</b>           | +               | +               | x<br>x      | m<br>m                 | 0<br>0   | 0<br>0            | 0<br>0   | 0<br>0   | 0<br>0   | 0<br>0   | 0<br>0   | 0<br>0   |

- + Standard version approved.  
 -- Not yet submitted for approval.  
 0 Device submitted for approval, please inquire.  
 x  approval not required because  approved.  
 m For exporting products to the People's Republic of China, CCC marking is not necessary.

- 1) For guide numbers and file numbers for the approvals, visit our website at [www.siemens.com/automation/support](http://www.siemens.com/automation/support).  
 2)  and  approvals are available in accordance with US approval.  
 3) Approval for motorized loads only (not for transformers).  
 4) For approved rated data see Chapter 5 "Protection Equipment --> "Motor Starter Protectors".