

RC unit for 5SY, 4-pole, type A, short-time delayed, In: 40 A, 30 mA, Un AC: 400 V



| Model  |                     |
|--|---------------------|
| product brand name   | SETRON              |
| product designation  | RCD-unit            |
| design of the product  | short-time delayed  |
| number of poles  | 4                   |
| size of installation devices / according to DIN 43880                        | 1                   |
| mechanical service life (switching cycles) / typical                         | 10 000              |
| overvoltage category   | III                 |
| degree of pollution  | 2                   |
| insulation voltage (Ui) / rated value  | 460 V               |
| surge voltage resistance / rated value                                       | 4 000 V             |
| protection function / false tripping   | Yes                 |
| power loss [W]   |                     |
| • for rated value of the current / at AC / in hot operating state / per pole | 3.6 W               |
| • maximum  | 10.8 W              |
| tripping fault current / rated value   | 30 mA               |
| operational current  |                     |
| • at 40 °C / rated value   | 37.2 A              |
| • at 45 °C / rated value   | 37.2 A              |
| • at 50 °C / rated value   | 36 A                |
| • at 55 °C / rated value   | 34.8 A              |
| • at 60 °C / rated value   | 34 A                |
| • at 65 °C / rated value   | 33.2 A              |
| • at 70 °C / rated value   | 32 A                |
| • at AC / rated value  | 40 A                |
| residual current type  | A                   |
| surge current resistance / rated value                                       | 3 kA                |
| product feature  |                     |
| • OFF-delay time adjustable  | No                  |
| • rated fault current adjustable   | No                  |
| • sealable   | No                  |
| connectable conductor cross-section / solid                                  |                     |
| • minimum  | 1.5 mm <sup>2</sup> |
| • maximum  | 25 mm <sup>2</sup>  |
| connectable conductor cross-section / stranded                               |                     |
| • minimum  | 1.5 mm <sup>2</sup> |
| • maximum  | 25 mm <sup>2</sup>  |
| tightening torque / with screw-type terminals                                |                     |
| • minimum  | 2.5 N·m             |

|   |        |
|---|--------|
| • maximum   | 3 N·m  |
| height  | 90 mm  |
| width   | 124 mm |
| depth   | 77 mm  |
| installation depth  | 70 mm  |
| number of modular width units   | 3      |
| fastening method  | REG    |
| mounting position   | any    |
| net weight  | 381 g  |
| ambient temperature / during operation  |        |
| • minimum   | -25 °C |
| • maximum   | 45 °C  |
| ambient temperature / during storage  |        |
| • minimum permissible   | -40 °C |
| • maximum permissible   | 75 °C  |
| number of test cycles / for environmental testing / according to IEC 60068-2-30 | 28     |
| reference code  |        |
| • according to EN 61346-2   | F      |
| • according to IEC 81346-2  | F      |

#### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SM2342-6KK01>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/5SM2342-6KK01>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SM2342-6KK01](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM2342-6KK01)

**CAX-Online-Generator**

<http://www.siemens.com/cax>

**Tender specifications**

<http://www.siemens.com/specifications>





