



ATC6 expansion module 4DO SSR, Accessory for ATC6300 and ATC6500  
pluggable contains 4 solid-state compatible digital outputs 4 NO contacts

| Model                                                        |                                         |
|--------------------------------------------------------------|-----------------------------------------|
| product brand name                                           | SENTRON                                 |
| product designation                                          | Accessories for transfer control device |
| design of the product                                        | ATC6 expansion module 4DO, SSR          |
| type of voltage supply                                       | Powered through the ATC                 |
| General technical data                                       |                                         |
| operating temperature                                        |                                         |
| • minimum                                                    | -20 °C                                  |
| • maximum                                                    | 60 °C                                   |
| overvoltage category                                         | 3                                       |
| Voltage                                                      |                                         |
| power frequency withstand voltage                            | 4 kV                                    |
| surge voltage resistance                                     | 7.3 kV                                  |
| overvoltage category according to IEC 61010                  | 3                                       |
| Supply voltage                                               |                                         |
| supply voltage at DC                                         | 5 V                                     |
| Protection class                                             |                                         |
| protection class IP on the front                             | IP20                                    |
| Dissipation                                                  |                                         |
| power loss [W] at DC maximum                                 | 0.1 W                                   |
| Auxiliary circuit                                            |                                         |
| number of connected NO contacts for auxiliary contacts       | 4                                       |
| Product details                                              |                                         |
| product feature of enclosure material                        | Polyamide                               |
| Inputs Outputs                                               |                                         |
| design of the digital output                                 | Solid-state relay (opto-MOSFET)         |
| output current at electronic outputs                         |                                         |
| • at DC at 40 V at 60 °C maximum                             | 55 mA                                   |
| • at AC at 30 V at 60 °C maximum                             | 55 mA                                   |
| Connections                                                  |                                         |
| connectable conductor cross-section                          |                                         |
| • minimum                                                    | 0.2 mm <sup>2</sup>                     |
| • maximum                                                    | 1.5 mm <sup>2</sup>                     |
| AWG number as coded connectable conductor cross section      |                                         |
| • minimum                                                    | 28                                      |
| • maximum                                                    | 14                                      |
| tightening torque [lbf·in] with screw-type terminals maximum | 1.7 lbf·in                              |
| temperature of conductor according to UL 508 maximum         | 60/75 °C                                |
| type of electrical connection                                | Removable/plug-in                       |
| Mechanical Design                                            |                                         |

|                                    |         |
|------------------------------------|---------|
| height                             | 64.5 mm |
| width                              | 22 mm   |
| depth                              | 46.8 mm |
| net weight                         | 54 g    |
| <b>Environmental conditions</b>    |         |
| relative humidity reference value  | 80 %    |
| ambient temperature during storage |         |
| • minimum                          | -30 °C  |
| • maximum                          | 80 °C   |
| <b>Certificates</b>                |         |
| reference code                     |         |
| • according to EN 61346-2          | K       |
| • according to IEC 81346-2         | K       |
| <b>General Product Approval</b>    |         |
| <b>Declaration of Conformity</b>   |         |

[Confirmation](#)



[Miscellaneous](#)



EG-Konf.

other

[Confirmation](#)

[Miscellaneous](#)

#### Further information

**Siemens has decided to exit the Russian market (see here).**

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

**Siemens is working on the renewal of the current EAC certificates.**

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

**Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

**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=3KC9000-8TL61>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KC9000-8TL61>

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

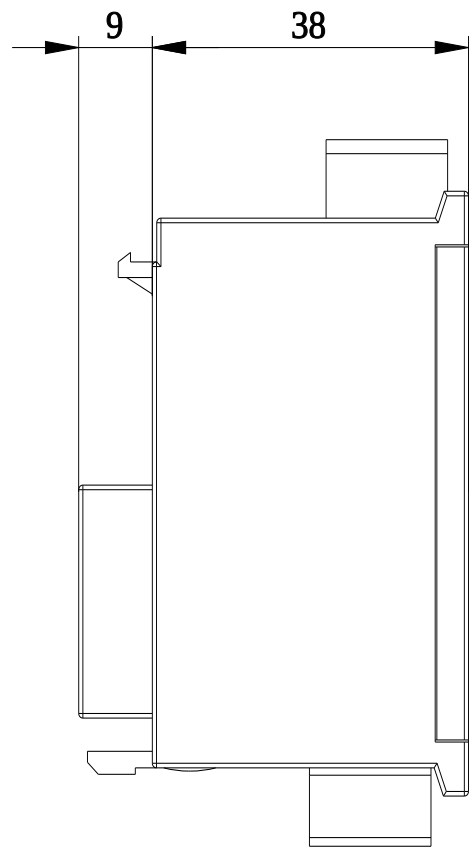
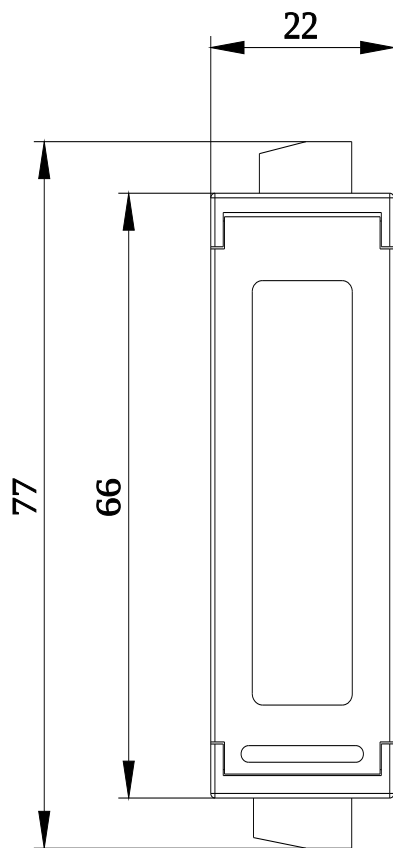
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KC9000-8TL61](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KC9000-8TL61)

**CAX-Online-Generator**

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

**Tender specifications**

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



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OUT 1

13 14

OUT 2

23 24

OUT 3

33 34

OUT 4

43 44



