



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
Accessories	
accessories	Accessories for ATC6300
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 ²
• maximum	1.5 mm ²
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	59 g
Environmental conditions	
relative humidity reference value	80 %
ambient temperature during storage	
• minimum	-30 °C
• maximum	80 °C
Certificates	
reference code according to IEC 81346-2	K
Approvals Certificates	
General Product Approval	other



EG-Konf.



UL

[Miscellaneous](#)



other	Environment
Confirmation	Environmental Confirmations

Further information

- Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
- Information for data generation and storage
<https://support.industry.siemens.com/cs/ww/en/view/109995012>
- 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
- CAX-Online-Generator
<http://www.siemens.com/cax>
- Tender specifications
<http://www.siemens.com/specifications>



