



ATC6 expansion module 2DI/2O SSR, Accessory for ATC6300 and ATC6500 pluggable contains 2 digital inputs and 2 solid-state compatible digital outputs 2 NO contacts

Model	
product brand name	SENTRON
product designation	Accessories for transfer control device
design of the product	ATC6 expansion module 2DI / 2DO, 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	2 kV
surge voltage resistance	4 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	1.25 W
Auxiliary circuit	
number of connected NO contacts for auxiliary contacts	2
Product details	
product feature of enclosure material	Polyamide
Inputs Outputs	
number of digital inputs	2
• design of the switching input	Positive or negative
operating conditions for digital inputs auxiliary power supply available	Yes
voltage at auxiliary power supply at DC	24 V
current at auxiliary power supply maximum	42 mA
input current with signal <0> maximum	7 mA
input delay time minimum	50 ms
frequency at the digital inputs	
• adjusted as counter maximum	2 000 Hz
• adjusted as status maximum	50 Hz
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 according to UL 508	
<ul style="list-style-type: none"> • minimum • maximum 	0.2 mm ² 1.5 mm ²
AWG number as coded connectable conductor cross section	
<ul style="list-style-type: none"> • minimum • maximum 	24 12
AWG number as coded connectable conductor cross section according to UL 508	
<ul style="list-style-type: none"> • minimum • maximum 	28 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	58 g

Environmental conditions	
ambient temperature during storage	
<ul style="list-style-type: none"> • minimum • maximum 	-30 °C 80 °C

Certificates	
reference code	
<ul style="list-style-type: none"> • according to EN 61346-2 • according to IEC 81346-2 	K K

Approvals Certificates

General Product Approval



[Confirmation](#)



[Miscellaneous](#)



other	Environment
Miscellaneous	Confirmation
	Environmental Confirmations

Further information

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=3KC9000-8TL62>
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3KC9000-8TL62>
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KC9000-8TL62
CAx-Online-Generator
<http://www.siemens.com/cax>
Tender specifications
<http://www.siemens.com/specifications>



