SIEMENS

Data sheet 3KC9000-8TL64

ATC6 expansion module 2DI/2DO Relay, Accessory for ATC6300 and ATC6500 pluggable contains 2 digital inputs and 2 relay 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, relays
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
insulation voltage rated value	250 V
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 W
Auxiliary circuit	
number of connected NO contacts for auxiliary contacts	2
Product details	
product feature of enclosure material	Polyamide
Accessories	
accessories	Accessories for ATC6300
Inputs Outputs	
number of digital inputs	2
● design of the switching input	Negative
operating conditions for digital inputs auxiliary power supply available	Yes
voltage at auxiliary power supply at DC	5 V
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	relais
number of outputs as contact-affected switching element	2

output current at the relay outputs	
● at AC-1 at 250 V rated value	5 A
● at AC-15 at 250 V rated value	0.75 A
● at DC-1 at 30 V rated value	2 A
type of contact rating according to NEMA	C300
switching capacity current at the relay outputs	
● at AC at 250 V according to UL 508	5 A
● at DC at 30 V according to UL 508	2 A
mechanical service life (operating cycles) of the relay outputs	1 000 000
electrical endurance (operating cycles) of the relay outputs	100 000
Connections	
connectable conductor cross-section	
● minimum	0.2 mm²
● maximum	2.5 mm²
connectable conductor cross-section according to UL 508	
● minimum	0.75 mm²
● maximum	2.5 mm²
AWG number as coded connectable conductor cross section	
● minimum	24
● maximum	12
AWG number as coded connectable conductor cross section according to UL 508	
● minimum	18
● maximum	12
tightening torque [lbf·in] with screw-type terminals maximum	4.5 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	74 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	

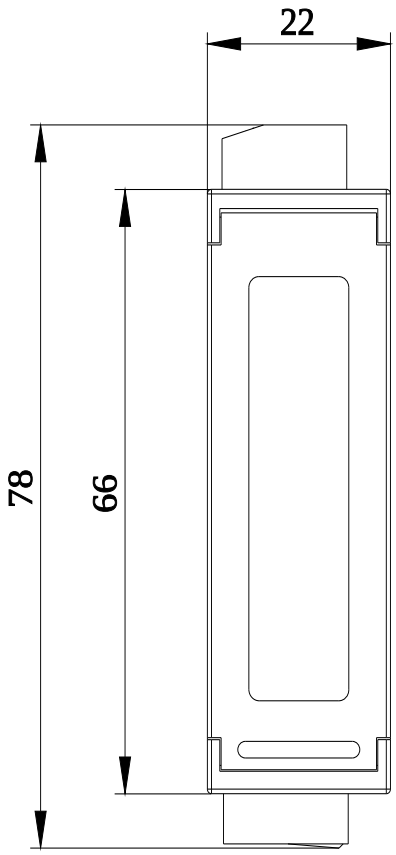
General Product Approval				other	
CE EG-Konf.	UKCA	UL	Miscellaneous	EAC	产品合格 QC PASS

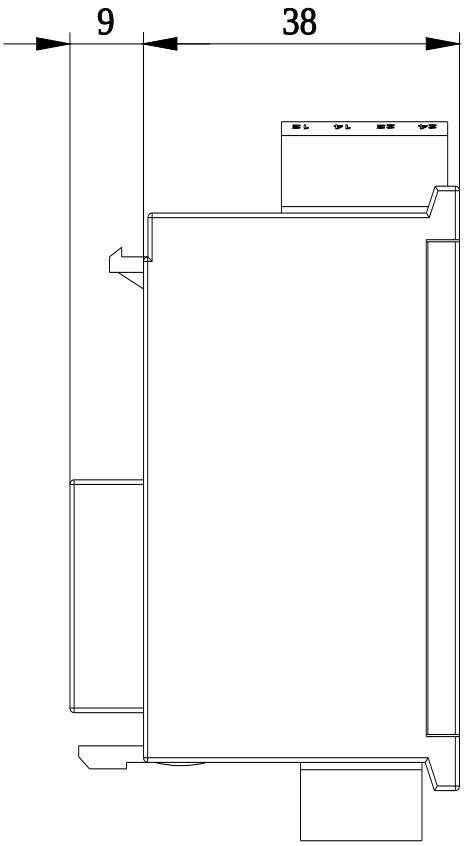
other	Environment
Confirmation	Environmental Confirmations

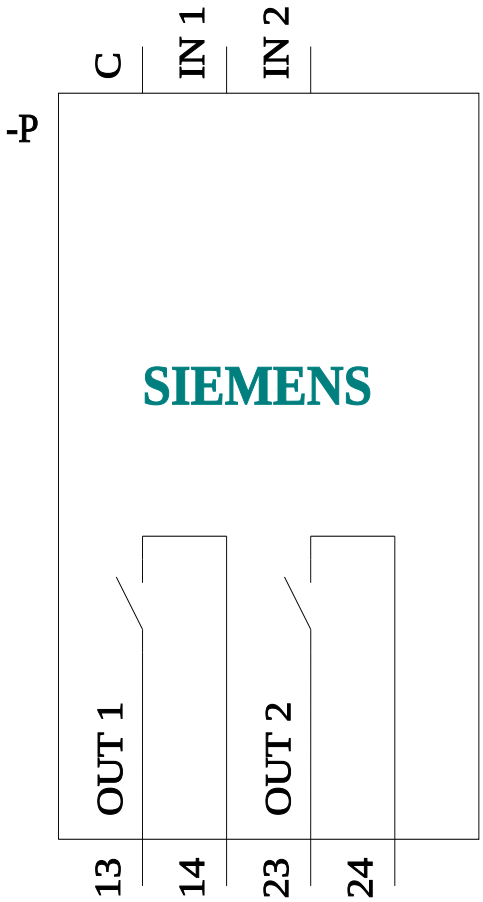
Further information

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=3KC9000-8TL64
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3KC9000-8TL64
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KC9000-8TL64
CAx-Online-Generator
http://www.siemens.com/cax
Tender specifications
http://www.siemens.com/specifications







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