



SOLID-STATE TIME-DELAY RELAY ON-DELAY 1  
CHANGEOVER CONTACT AC/DC 24V,  
AC 100 TO 127V 0.05 S TO 100H WIDTH 45MM SCREW  
TERMINALS

General technical data:

<b>product brand name</b>		SIRIUS
<b>Product designation</b>		timing relay
<b>Protection class IP / of the terminal</b>		IP20
<b>mounting position</b>		any
<b>Product function</b>		
<ul style="list-style-type: none"> <li>at the relay outputs / changeover delayed/without delay</li> </ul>		No
<b>Product component / semi-conductor output</b>		No
<b>Product extension / optional / remote control</b>		No
<b>Product extension / strictly required / remote control</b>		No
<b>Installation altitude / at a height over sea level / maximum</b>	m	2,000
<b>Ambient temperature</b>		
<ul style="list-style-type: none"> <li>during storage</li> </ul>	°C	-40 ... +85
<ul style="list-style-type: none"> <li>during operating</li> </ul>	°C	-25 ... +60
<ul style="list-style-type: none"> <li>during transport</li> </ul>	°C	-40 ... +85
<b>Relative humidity</b>		
<ul style="list-style-type: none"> <li>during operating phase</li> </ul>	%	15 ... 70
<b>Conductor-bound parasitic coupling BURST / according to IEC 61000-4-4</b>		2 kV network connection / 1 kV control connection
<b>Conductor-bound parasitic coupling conductor-earth SURGE / according to IEC 61000-4-5</b>		2 kV

<b>Conductor-bound parasitic coupling conductor-conductor SURGE / according to IEC 61000-4-5</b>		1 kV
<b>Electrostatic discharge / according to IEC 61000-4-2</b>		4 kV contact discharge / 8 kV air discharge
<b>Field-bound parasitic coupling / according to IEC 61000-4-3</b>		10 V/m
<b>Impulse voltage resistance / rated value</b>	V	4,000
<b>Active power loss / total / typical</b>	W	2
<b>Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750</b>		K
<b>Reference code / according to DIN EN 61346-2</b>		K
<b>Category / according to EN 954-1</b>		none
<b>Protection against electrical shock</b>		finger-safe

### Switching Function:

<b>Switching function</b>		
• slow-operating		Yes
• making pulse contact		No
• relapse delayed		No
• with control signal		
• additive ON delay		No
• passing break contact		No
• OFF delay		No
• slow-operating/instantaneous contact		No
• with control signal		
• OFF delay/instantaneous		No
• ON delay/OFF delay/instantaneous		No
• making pulse contact/instantaneous contact		No
• with control signal		
• passing break contact/instantaneous		No
• pulse-shaping/instantaneous		No
<b>Adjustable time</b>	s / h	0.05 ... 100

### Control circuit/ Control:

<b>Voltage type / of control feed voltage</b>		AC/DC
<b>Control supply voltage frequency</b>		
• 1	Hz	50 ... 60
<b>Control supply voltage</b>		
• 1		
• for AC / at 50 Hz / rated value	V	24
• for AC / at 60 Hz / rated value	V	24
• for DC / rated value	V	24
• 2		

<ul style="list-style-type: none"> <li>• at 50 Hz <ul style="list-style-type: none"> <li>• for AC</li> </ul> </li> <li>• at 60 Hz <ul style="list-style-type: none"> <li>• for AC</li> </ul> </li> </ul>	V	100 ... 127
	V	100 ... 127
<b>Operating range factor control supply voltage rated value</b>		
<ul style="list-style-type: none"> <li>• at 50 Hz <ul style="list-style-type: none"> <li>• for AC</li> </ul> </li> <li>• at 60 Hz <ul style="list-style-type: none"> <li>• for AC</li> </ul> </li> <li>• for DC</li> </ul>		0.85 ... 1.1
		0.85 ... 1.1
		0.85 ... 1.1

#### Auxiliary circuit:

<b>Operating current / of auxiliary contacts</b>		
<ul style="list-style-type: none"> <li>• as normally closed contact / for AC-15 <ul style="list-style-type: none"> <li>• at 24 V</li> <li>• at 250 V</li> </ul> </li> <li>• as normally open contact / for AC-15 <ul style="list-style-type: none"> <li>• at 24 V</li> <li>• at 250 V</li> </ul> </li> <li>• at AC-15 <ul style="list-style-type: none"> <li>• maximum</li> </ul> </li> <li>• at DC-13 <ul style="list-style-type: none"> <li>• at 24 V</li> <li>• at 125 V</li> <li>• at 250 V</li> </ul> </li> </ul>	A	3
	A	3
	A	3
	A	3
	A	3
	A	1
	A	0.2
	A	0.1
<b>Number of NC contacts / delayed switching</b>		0
<b>Number of NC contacts / non-delayed</b>		0
<b>Number of NO contacts / delayed switching</b>		0
<b>Number of NO contacts / non-delayed</b>		0
<b>Number of change-over switches / delayed switching</b>		1
<b>Number of change-over switches / non-delayed</b>		0

#### Short-circuit:

<b>Design of the fuse link / for short-circuit protection of the auxiliary switch / required</b>		fuse gL/gG: 4 A
<b>Mounting type</b>		screw and snap-on mounting onto 35 mm standard mounting rail

#### Installation/ mounting/ dimensions:

<b>Width</b>	mm	45
<b>Height</b>	mm	57
<b>Depth</b>	mm	73

<b>Distance, to be maintained, to the ranks assembly</b>		
• upwards	mm	0
• forwards	mm	0
• sideways	mm	0
• backwards	mm	0
• downwards	mm	0
<b>Distance, to be maintained, to earthed part</b>		
• backwards	mm	0
• sideways	mm	0
• upwards	mm	0
• forwards	mm	0
• downwards	mm	0
<b>Distance, to be maintained, conductive elements</b>		
• downwards	mm	0
• backwards	mm	0
• sideways	mm	0
• forwards	mm	0
• upwards	mm	0

#### Connections/ terminals:

##### Design of the electrical connection

- for auxiliary and control current circuit

screw-type terminals

#### General Product Approval

#### EMC

#### Declaration of Conformity

#### Test Certificates



[Special Test Certificate](#)

#### Shipping Approval



#### Shipping Approval

other



[Environmental Confirmations](#)

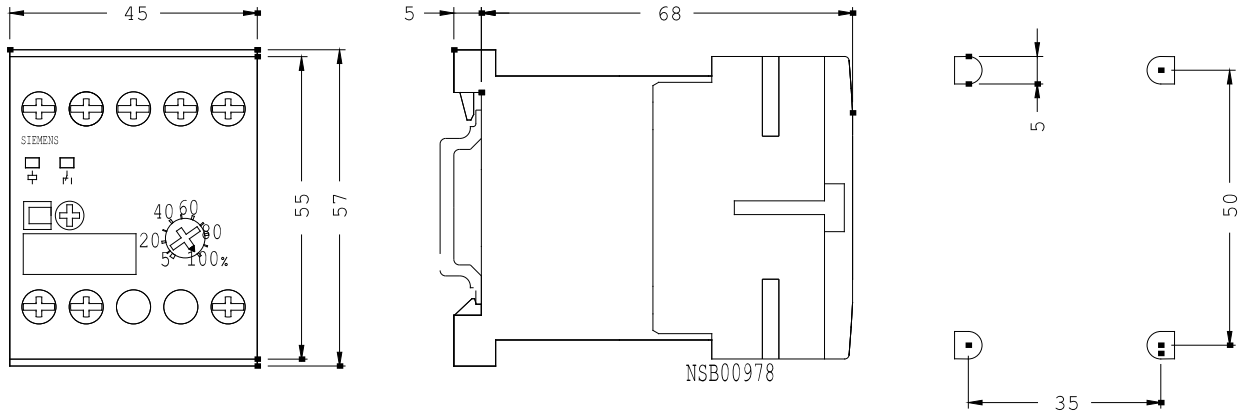
#### Further information:

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

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>



last change:

Aug 4, 2014