



SOLID-STATE TWO-WIRE TIME RELAY SETTING RANGE
5 S...100 S,
AC/DC 24...66 V, ON-DELAY,
WITH VARISTOR FOR MOUNTING ONTO CONTACTORS
SIZES00

General technical data:		
product brand name		SIRIUS
Product designation		timing relay
Design of the product		slow-operating
Type of voltage		AC
Size of the contactor / can be combined / company-specific		S00
Product function		
• star-delta circuit		No
• at the relay outputs / changeover delayed/without delay		No
Product component / semi-conductor output		Yes
Product extension / optional / remote control		No
Product extension / strictly required / remote control		No
Adjustable time	s	5 ... 100
Ambient temperature		
• during operating	°C	-25 ... +60
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K
• according to DIN EN 61346-2		K

Switching Function:

Switching function		
• slow-operating		Yes
• making pulse contact		No
• firmly clocked beginning with pulse		No
• firmly clocked beginning with pause		No
• relapse delayed		No
• variably clocked start with impulse		No
• impuls variably clocked start with pause		No
• with control signal		
• additive ON delay		No
• passing break contact		No
• OFF delay		No
• without control signal / OFF delay		No

Auxiliary circuit:

Supply voltage frequency / for auxiliary and control current circuit

- rated value

Hz

50 ... 60

Supply voltage / strictly required / auxiliary voltage

No

Control supply voltage

- at 50 Hz / at AC
 - rated value
- at 60 Hz / at AC
 - rated value

V

24 ... 66

V

24 ... 66

Installation/mounting/dimensions:

Width

mm

45

Height

mm

38

Depth

mm

38

Connections:

Design of the electrical connection

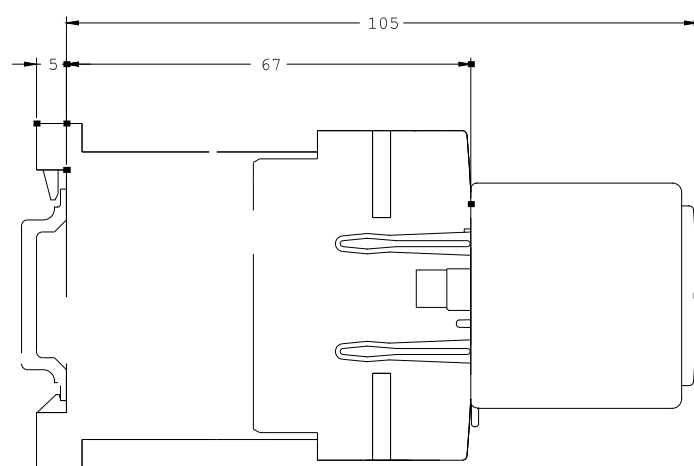
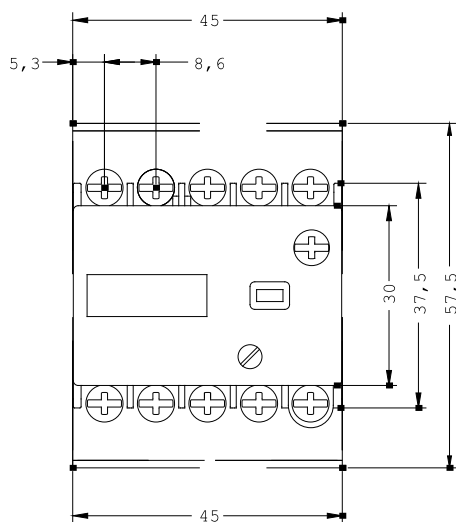
- jumper socket
- for auxiliary and control current circuit

No

screw-type terminals

Certificates/approvals:

General Product Approval			EMC	Functional Safety / Safety of Machinery	
 CCC	 CSA		 UL	 C-TICK	Type Examination
Declaration of Conformity	Test Certificates				
 EG-Konf.	Special Test Certificate				
Shipping Approval					
 ABS	 BUREAU VERITAS	 DNV	 GL	 LRS	 PRS
Shipping Approval		other			
 RINA	 RMRS	Confirmation	Declaration of Conformity	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					
CAx-Online-Generator http://www.siemens.com/cax					
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RT1916-2CG31/all					
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RT1916-2CG31					



last change:

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