

Reference: 7PV1578-1BW30

TIME RELAY, ELECTRONIC, WITH STAR-DELTA FUNCTION 2 NO 7 TIME RANGES 0.05S...100H AC/DC 12...240V SCREW TERMINAL

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General technical data:	
product brand name	SIRIUS
Product designation	timing relay
Adjustable time	s 0.05 ... 360 000
Degree of pollution	2
Mounting position	any
Product function	
at the relay outputs Switchover delayed/without delay	No
Product component semi-conductor output	No
Product extension	
optional remote control	No
required remote control	No
Installation altitude at height above sea level maximum	m 2 000
Ambient temperature	
during storage	°C -40 ... +70
during operation	°C -25 ... +55
during transport	°C -40 ... +70
Relative humidity during operation	% 15 ... 85
Conducted interference due to burst acc. to IEC 61000-4-4	2 kV network connection / 1 kV control connection

Conducted interference due to conductor-earth surge acc. to IEC 61000-4-5	2 kV	
Conducted interference due to conductor-conductor surge acc. to IEC 61000-4-5	1 kV	
Electrostatic discharge acc. to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge	
Field-bound parasitic coupling acc. to IEC 61000-4-3	10 V/m	
Surge voltage resistance rated value	V	4 000
Power loss [W] total typical	W	2
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K	
Equipment marking acc. to DIN EN 61346-2	K	
Switching Function:		
Switching function		
passing make contact	No	
OFF delay	No	
with control signal		
— passing break contact	No	
— OFF delay	No	
— atd>	No	
— passing break contact/instantaneous	No	
— OFF delay/instantaneous	No	
— ON-delay/OFF-delay/instantaneous	No	
— pulse-shaping/instantaneous	No	
— pulse-shaping	No	
ON-delay/instantaneous contact	No	
passing make contact/instantaneous contact	No	
ON-delay	No	
Control circuit/ Control:		
Type of voltage of the control supply voltage	AC/DC	
Control supply voltage frequency 1	Hz	50 ... 60
Control supply voltage 1		
at AC		
— at 50 Hz	V	12 ... 240
— at 60 Hz	V	12 ... 240
at DC		
	V	12 ... 240
Auxiliary circuit:		
Operating current of auxiliary contacts		
at AC-15		
— at 24 V	A	3

— at 250 V	A	3
at DC-13		
— at 24 V	A	1
— at 125 V	A	0.22
— at 250 V	A	0.1
— maximum	A	1
Number of NC contacts		
delayed switching		0
instantaneous contact		0
Number of NO contacts		
delayed switching		2
instantaneous contact		0
Number of CO contacts		
delayed switching		0
instantaneous contact		0
Short-circuit:		
Design of the fuse link for short-circuit protection of the auxiliary switch required		fuse gL/gG: 4 A
Installation/ mounting/ dimensions:		
Mounting type		snap-on fastening on 35 mm standard rail
Witd>	mm	17.5
Height	mm	90
Depth	mm	66.7
Required spacing		
with side-by-side mounting		
— upwards	mm	0
— downwards	mm	0
— forwards	mm	0
— Backwards	mm	0
— at the side	mm	0
for grounded parts		
— upwards	mm	0
— downwards	mm	0
— forwards	mm	0
— Backwards	mm	0
— at the side	mm	0
for live parts		
— upwards	mm	0

— downwards	mm 0
— forwards	mm 0
— Backwards	mm 0
— at the side	mm 0
Connections/ Terminals:	
Type of electrical connection	
for auxiliary and control current circuit	screw-type terminals
Certificates/ approvals:	
General Product Approval	Declaration of Conformity
Safety related data:	
Category acc. to EN 954-1	none
Protection against electrical shock	finger-safe