

Reference: 7PV1518-1AW30

TIME RELAY, MOUNT. ON-DELAY 1 W, 7 TIME SETTING RANGES, 0.05 S...100 H, AC/DC 12. .240 V, WIDE RANGE SUPPLY VOLTAGE

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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	Yes
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	0
instantaneous contact	0
Number of CO contacts	
delayed switching	1
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