



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

Buy it at Electric Automation Network

General technical data:		
product brand name	SIF	RIUS
Product designation	tim	ning relay
Adjustable time	s 0.0	05 360 000
Degree of pollution	2	
Mounting position	an	у
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 20	000
Ambient temperature		
during storage	°C -40	0 +70
during operation	°C -25	5 +55
during transport	°C -40	0 +70
Relative humidity during operation	% 15	85
Conducted interference due to burst acc. to IEC 61000-4-4		kV network connection / 1 kV control nnection
Conducted interference due to conductor-earth surge acc. to IEC 61000-4-5	2 k	<v< td=""></v<>
Conducted interference due to conductor-conductor surge acc. to IEC 61000-4-5	1 k	<v< td=""></v<>
Electrostatic discharge acc. to IEC 61000-4-2	4 k	«V 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 40	000
Power loss [W] total typical	W 2	

Equipment marking acc. to DIN EN 61.346-2 K Switching Function: Switching function OFF delay with control signal - passing break contact OFF delay No - No - OFF delay No - No - OFF delay No - No	Equipment marking acc. to DIN 40719 extended	
Switching Function: Switching function passing make contact OFF delay with control signal - passing break contact No - OFF delay No - outpassing break contact No - outpassing break contact No - passing break contact/instantaneous - passing break contact/instantaneous No - ON- delay/instantaneous No ON- outpassing break contact/instantaneous No - ON- delay/OFF- delay/instantaneous No - ON- delay/instantaneous No ON- delay/instantaneous ON- delay/instantaneous contact No ON- delay/instantaneous contact No ON- delay Tyes Control circuit/ Control: Type of voltage of the control supply voltage Control supply voltage frequency 1 at AC - at 50 Hz - at 60 Hz at DC Axillary circuit: Operating current of auxiliary contacts at AC-15 - at 24 V - at 250 V at DC-13 - at 24 V - at 125 V - at 250 V - at		К
Switching function No OFF delay No with control signal No — passing break contact No — OFF delay No — atd> No — passing break contact/instantaneous No — oFF delay/instantaneous No — pulse-shaping/instantaneous No ON-delay/instantaneous contact No passing make contact/instantaneous contact No ON-delay/instantaneous Contact ON-delay Yes	Equipment marking acc. to DIN EN 61346-2	К
passing make contact No OFF delay No with control signal No — passing break contact No — oFF delay No — atd> No — passing break contact/instantaneous No — ON-delay/instantaneous No — ON-delay/instantaneous No — pulse-shaping No ON-delay/instantaneous contact No passing make contact/instantaneous contact No ON-delay Yes Control circuit/ Control: Yes Control supply voltage of the control supply voltage AC/DC Control supply voltage frequency 1 Hz 50 60 Control supply voltage 1 Hz 50 60 Control supply voltage 1 Y 12 240 — at 50 Hz V 12 240 — at 60 Hz V 12 240 — at 60 Hz V 12 240 Auxiliary circuit: Operating current of auxiliary contacts at AC-15 — at 250 V A 3	Switching Function:	
OFF delay No with control signal No — passing break contact No — OFF delay No — atd>— No No — passing break contact/instantaneous No — ON-delay/instantaneous No — ON-delay/instantaneous No — pulse-shaping/instantaneous contact No ON-delay/instantaneous contact No ON-delay/instantaneous contact No ON-delay yes Yes Control circuit/ Control: No Type of voltage frequency 1 Hz 50 60 Control supply voltage frequency 1 Hz 50 60 Control supply voltage frequency 1 V 12 240 — at 50 Hz V 12 240 — at 60 Hz V 12 240 Auxiliary circuit: Operating current of auxiliary contacts at AC-15 — at 24 V A 3 — at 250 V A 3 at 24 V A 1 — at 250 V A 0.1	Switching function	
with control signal No — 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 contact 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 frequency 1 Hz 50 60 Control supply voltage frequency 1 V 12 240 — at 50 Hz V 12 240 — at 60 Hz V 12 240 Auxiliary circuit: Operating current of auxiliary contacts at AC-15 — at 24 V A 3 — at 250 V A 3 — at 250 V A 0.1 <td>passing make contact</td> <td>No</td>	passing make contact	No
— 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 Tule control supply voltage 1 at AC V 12 240 — at 50 Hz V 12 240 — at 60 Hz V 12 240 Auxiliary circuit: Operating current of auxiliary contacts at AC-15 — at 24 V A 3 — at 250 V A 3 — at 250 V A 0.22 — at 250 V A 0.1	OFF delay	No
— oFF delay No — atd> No — passing break contact/instantaneous No — OFF delay/instantaneous No — OFF delay/instantaneous No — oN-delay/OFF-delay/instantaneous No — pulse-shaping/instantaneous No ON-delay/instantaneous contact No ON-delay/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 Auxiliary circuit: Operating current of auxiliary contacts at AC-15 — at 24 V A 3 at DC-13 — at 250 V A 0.22 — at 250 V A 0.1 — at 250 V A 0.1 — maximum A 1 1	with control signal	
— atd> No — passing break contact/instantaneous No — OFF delay/instantaneous No — ON-delay/OFF-delay/instantaneous No — pulse-shaping/instantaneous No — pulse-shaping/instantaneous No ON-delay/instantaneous contact No ON-delay/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 Auxiliary circuit: Operating current of auxiliary contacts at AC-15 — at 24 V A 3 at DC-13 — at 25 V A 0.22 — at 25 O V A 0.1	— passing break contact	No
— passing break contact/instantaneous — OFF delay/instantaneous — ON-delay/OFF-delay/instantaneous — pulse-shaping/instantaneous — pulse-shaping — No ON-delay/instantaneous contact — No ON-delay/instantaneous contact — No ON-delay — Yes Control circuit/ Control: Type of voltage of the control supply voltage Control supply voltage frequency 1 at AC — at 50 Hz — at 60 Hz at DC Auxillary circuit: Operating current of auxillary contacts at AC-15 — at 24 V — at 250 V	— OFF delay	No
— OFF delay/instantaneous — ON-delay/OFF-delay/instantaneous — pulse-shaping/instantaneous — pulse-shaping — No ON-delay/instantaneous contact — No ON-delay/instantaneous contact — No ON-delay/instantaneous contact — No ON-delay — Yes Control circuit/ Control: Type of voltage of the control supply voltage — AC/DC Control supply voltage frequency 1 — at 50 Hz — at 60 Hz — at 60 Hz — at 60 Hz — at 24 V — at 250 V	— atd>	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 Type of voltage of the control supply voltage AC/DC Control supply voltage 1 Type of voltage of the control supply voltage AC/DC Control supply voltage 1 Type of voltage of the control supply voltage AC/DC Control supply voltage 1 Type of voltage of the control supply voltage AC/DC Control supply voltage 1 Type of voltage of the control supply voltage AC/DC Control supply voltage frequency 1 Hz 50 60 Control supply voltage 1 Type of voltage of the control supply voltage frequency 1 Type of voltage of the control supply voltage frequency 1 at AC V 12 240 A at AC V 12 240 A </td <td>— passing break contact/instantaneous</td> <td>No</td>	— passing break contact/instantaneous	No
— pulse-shaping/instantaneous — pulse-shaping 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 Control supply voltage frequency 1 at AC — at 50 Hz — at 60 Hz at DC Auxiliary circuit: Operating current of auxiliary contacts at AC-15 — at 24 V — at 250 V A 3 at DC-13 — at 25 V — at 250 V A 0.22 — at 250 V A 0.1 — maximum No No No No No No No No A No A 1 — at 250 V A 0.1 — maximum A 1	— OFF delay/instantaneous	No
Pulse-shaping No ON-delay/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 Auxiliary circuit: Operating current of auxiliary contacts at AC-15 — at 24 V A 3 at DC-13 — at 25 V A 0.22 — at 250 V A 0.1 — at 250 V A 0.1 — at 250 V A 0.1 — maximum A 1	— ON-delay/OFF-delay/instantaneous	No
ON-delay/instantaneous contact passing make contact/instantaneous contact No ON-delay Yes Control circuit/ Control: Type of voltage of the control supply voltage Control supply voltage frequency 1 at AC — at 50 Hz — at 60 Hz At DC Auxiliary circuit: Operating current of auxiliary contacts at AC-15 — at 24 V — at 24 V — at 25 O V — at 25 O V A O.1 — maximum No No No No No No No No No N	— pulse-shaping/instantaneous	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 A 1 — at 125 V A 0.22 — at 250 V A 0.1 — maximum A 1	— pulse-shaping	No
ON-delay Yes Control circuit/ Control: AC/DC Type of voltage of the control supply voltage AC/DC Control supply voltage frequency 1 Hz 50 60 Control supply voltage 1 Transpart of the control supply voltage 1 Transpart of the control supply voltage 1 — at 50 Hz V 12 240 — at 60 Hz V 12 240 Auxiliary circuit: Transpart of auxiliary contacts at AC-15 Transpart of auxiliary contacts — at 24 V A 3 — at 250 V A 3 — at 24 V A 1 — at 125 V A 0.22 — at 250 V A 0.1 — maximum A 1	ON-delay/instantaneous contact	No
Control circuit/ Control: Type of voltage of the control supply voltage Control supply voltage frequency 1 at AC — at 50 Hz — at 60 Hz at DC Auxiliary circuit: Operating current of auxiliary contacts at AC-15 — at 24 V — at 250 V — at	passing make contact/instantaneous contact	No
Type of voltage of the control supply voltage Control supply voltage frequency 1 at AC — at 50 Hz — at 60 Hz Auxiliary circuit: Operating current of auxiliary contacts at AC-15 — at 24 V — at 250 V Auxiliary — at 24 V — at 125 V — at 250 V — at	ON-delay	Yes
Control supply voltage frequency 1 at AC — at 50 Hz — at 60 Hz at DC Auxiliary circuit: Operating current of auxiliary contacts at AC-15 — at 24 V — at 250 V — at 2	Control circuit/ Control:	
Control supply voltage 1 at AC - at 50 Hz - at 60 Hz V 12 240 Auxiliary circuit: Operating current of auxiliary contacts at AC-15 - at 24 V - at 250 V A 1 - at 25 V A 0.22 - at 250 V A 0.1 - maximum	Type of voltage of the control supply voltage	AC/DC
at AC - at 50 Hz - at 60 Hz V 12 240 Auxiliary circuit: Operating current of auxiliary contacts at AC-15 - at 24 V - at 250 V A 1 - at 125 V - at 250 V A 0.1 - maximum V 12 240 A 1 - at 250 V A 0.1 - maximum A 1	Control supply voltage frequency 1	Hz 50 60
- at 50 Hz	Control supply voltage 1	
— at 60 Hz V 12 240 Auxiliary circuit: Operating current of auxiliary contacts at AC-15 A 3 — at 24 V A 3 — at 250 V A 3 at DC-13 A 1 — at 24 V A 1 — at 125 V A 0.22 — at 250 V A 0.1 — maximum A 1	at AC	
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	— at 50 Hz	V 12 240
Auxiliary circuit: Operating current of auxiliary contacts at AC-15 - at 24 V	— at 60 Hz	V 12 240
Operating current of auxiliary contacts at AC-15 — at 24 V	at DC	V 12 240
at AC-15 - at 24 V	Auxiliary circuit:	
— 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	Operating current of auxiliary contacts	
— 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	at AC-15	
at DC-13 — at 24 V A 1 — at 125 V A 0.22 — at 250 V A 0.1 — maximum A 1	— at 24 V	A 3
— at 24 V A 1 — at 125 V A 0.22 — at 250 V A 0.1 — maximum A 1	— at 250 V	A 3
— at 125 V A 0.22 — at 250 V A 0.1 — maximum A 1	at DC-13	
— at 250 V A 0.1 — maximum A 1	— at 24 V	A 1
— maximum A 1	— at 125 V	A 0.22
	— at 250 V	A 0.1
Number of NC contacts	— 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		