

## ZM565453

### TIME DELAY RELAYS • MULTI-FUNCTION DEVICES



#### MECHANICAL DATA

Ambient temperature (MAX)	60 °C
Ambient temperature (MIN)	-20 °C
Degree of protection (IP)	IP20
Height	75 mm
Housing material	Polycarbonate
Length	110 mm
Mounting method	DIN rail (top hat rail) 35 mm
Suitable for DIN rail (top hat rail) mounting	Yes
Width	22.5 mm

#### ELECTRICAL DATA

Clock function, starting with break, variable	Yes
Clock function, starting with pulse, variable	Yes
Decay time	20 ms
Function flashing, starting with break, fixed time	No
Function flashing, starting with pulse, fixed time	No
Function on-delay	Yes
Max. continuous current	3 A
Max. output current	3 A
Max. switching current	7 A
Number of outputs, delayed, change-over contact	2
Number of outputs, delayed, normally closed contact	0
Number of outputs, delayed, normally open contact	0
Number of outputs, undelayed, change-over contact	0
Number of outputs, undelayed, normally closed contact	0
Number of outputs, undelayed, normally open contact	0
Number of pins	12
Number of switching outputs	2
Number of time ranges	8
OFF pulse function	No
Off-delayed function	Yes

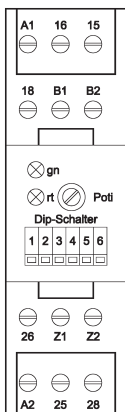
## ELECTRICAL DATA

ON pulse function	Yes
Operating voltage (MAX)	240 V
Operating voltage (MIN)	24 V
Outputs, delayed/undelayed selectable	Yes
Pluggable on contactor	No
Power consumption	5 VA
Pulse shaping function	Yes
Rated control supply voltage $U_s$ at AC 50HZ (MAX)	240 V
Rated control supply voltage $U_s$ at AC 50HZ (MIN)	24 V
Rated control supply voltage $U_s$ at DC (MAX)	240 V
Rated control supply voltage $U_s$ at DC (MIN)	24 V
Readiness delay	110 ms
Repeat accuracy of setting time	10 ms
Setting procedure	Manual adjustment
Star-delta function	Yes
Switching voltage	240 V
Temperature drift	0.1 %
Time range (MAX)	18000 s
Time range (MIN)	0.1 s
Turn-off delay	18000 s
Type of electrical connection	Clamp
Type of switching function	Change-over contact
Type of switching output	Relay contact
Voltage type	AC/DC
Voltage type for actuation	AC/DC
With LED display	Yes
With plug-in socket	No
With semiconductor output	No

## OTHER DATA

Remote operation possible	Yes
Suitable only for remote control	No

## DIMENSIONAL DRAWING



## INSTALLATION



Mounting / Installation may only be carried out by a qualified electrician!

## DISPOSAL



## SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!

Never use these devices in applications where the safety of a person depends on their functionality.