

Timing relay multi-function, 2 functions, 1 changeover contacts



**Part no.**                    **ZRER/W**  
**110405**

<b>General specifications</b>		
Product name		Eaton Distribution parts
Part no.		ZRER/W
EAN		4015081099450
Product Length/Depth		65 millimetre
Product height		87 millimetre
Product width		17.5 millimetre
Product weight		0.067 kilogram
Compliances		RoHS conform
Product Tradename		None
Product Type		Distribution parts
Product Sub Type		None
Public Consumption		Yes
Product Family Description		ES-PMCC-PDC-Eaton Distribution parts
Globally Marketable		Yes
<b>Product Specification Details</b>		
Ambient operating temperature - max		55 °C
Ambient operating temperature - min		-25 °C
Degree of protection		IP20
Electric connection type		Screw connection
Functions		Delay-on energization Delay on de-energization
Nominal current		8 A
Number of outputs (delayed, change-over contact)		1
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
Operating voltage at AC, 50 Hz - max		240 V
Operating voltage at AC, 50 Hz - min		24 V
Operating voltage at AC, 60 Hz - max		240 V
Operating voltage at AC, 60 Hz - min		24 V
Operating voltage at DC - max		240 V
Operating voltage at DC - min		24 V
Rated control supply voltage (Us) at AC, 50 Hz - max		240 V
Rated control supply voltage (Us) at AC, 50 Hz - min		24 V
Rated control supply voltage (Us) at AC, 60 Hz - max		240 V
Rated control supply voltage (Us) at AC, 60 Hz - min		24 V
Rated control supply voltage (Us) at DC - max		240 V
Rated control supply voltage (Us) at DC - min		24 V
Starting current - max		8 A
Static heat dissipation, non-current-dependent		1.5 W
Suitable for		DIN rail (top hat rail) mounting Front mounting
Time range - max		360000 s
Time range - min		0.05 s
Voltage type		AC/DC
Voltage type of operating voltage		AC/DC

## Technical data ETIM 9.0

Relays (EG000019) / Timer relay (EC001439)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Relay and socket / Timer relay (ecl@ss13-27-37-16-05 [AKF092018])			
Type of electric connection			Screw connection
Complete with socket			No
Suitable for DIN rail (top hat rail) mounting			Yes
Suitable for front mounting			Yes
Pluggable on auxiliary contact block			No
Function delay-on energization			Yes
Function delay on de-energization			Yes
Function floating contact on energization			No
Function floating contact on de-energization			No
Function star-delta			No
Function pulse shaping			No
Function flashing, starting with pause, fixed time			No
Function flashing, starting with pulse, fixed time			No
Clock function, starting with pause, variable			No
Clock function, starting with pulse, variable			No
Time range		s	0.05 - 360000
Remote operation possible			No
Suitable as remote control			No
Rated control supply voltage AC 50 Hz		V	24 - 240
Rated control supply voltage AC 60 Hz		V	24 - 240
Rated control supply voltage DC		V	24 - 240
Voltage type for actuating			AC/DC
Number of outputs, undelayed, normally closed contact			0
Number of outputs, undelayed, normally open contact			0
Number of outputs, undelayed, change-over contact			0
Number of outputs, delayed, normally closed contact			0
Number of outputs, delayed, normally open contact			0
Number of outputs, delayed, change-over contact			1
Outputs, reversible delayed/undelayed			No
With semiconductor output			No
Material of contact insert			
Material contact			
Material of contact surface			
Operating voltage AC 50 Hz		V	24 - 240
Operating voltage AC 60 Hz		V	24 - 240
Operating voltage DC		V	24 - 240
Voltage type (operating voltage)			AC/DC
Nominal current		A	8
Max. starting current		A	8
Degree of protection (IP)			IP20
Relay technology category according to IEC 61810-7			
Width		mm	17.5
Height		mm	87
Depth		mm	65