Timing relay multi-function, 7 functions, 1 changeover contacts



Part no. ZRMF1/W 110406

General specifications	
Product name	Eaton Distribution parts
Part no.	ZRMF1/W
EAN	4015081099467
Product Length/Depth	65 millimetre
Product height	87 millimetre
Product width	17.5 millimetre
Product weight	0.069 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
Product Specification Details	
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 Floating contact on de-energization Delay on de-energization Floating contact on energization Pulse shaping
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

Technical data ETIM 9.0

Bestime signification autorition of programmy autorition commercion Sericon distriction commercion Sericon commercion Compliate with social commercion 6	Relays (EG000019) / Timer relay (EC001439)			
Complete with accided No Suitable for froit roll till opin bart all mounting 1 Ves Skribable for froit mounting 1 Ves Pluggabel on auxiliary contact block 1 No Function floating contact on energization 2 Ves Function floating contact on energization 2 Ves Function floating contact on energization 2 Ves Function floating contact on energization 4 Ves Function floating starting with pulse, serial 4 Ves Function floating starting with pulse, serial 4 No Click function, starting with pulse, variable 9 No Click function, starting with pulse, variable 9 No Click function, starting with pulse, variable 9 No Click function, starting with pulse, variable 1 No Click function, starting with pulse, fixed tili	Electric engineering, automation, process control engineering / Low-voltage switch technology / Relay and socket / Timer relay (ecl@ss13-27-37-16-05 [AKF092018])			
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Function floating contact on energization Finction floating contact on de-energization Finction start-displayed places, fixed time Finction start-displayed places, fixed time Finction flashing, starting with places, fixed time Finction flashing, starting with places, fixed time Finction flashing, starting with places, variable Clock function, starting with p	Pluggable on auxiliary contact block		No	
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Function Indiang contact on de-morgization Key Yes Function place shaping Yes No. Function place shaping Yes No. Function flashing, starting with pause, fixed time Yes No. Clock function, starting with pause, variable Yes No. Statule and supply wides a KCS bit Yes No. Reade control supply voltage ACS bit Yes 2.424 Reade control supply voltage ACS bit Yes 2.424 Number of outputs, undelayed, normally open contact Yes 3.42 Number of outputs, delayed, change-over contact Yes 3.42 With seamondout output Yes 4.24	Function delay on de-energization		Yes	
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Function pube shaping Key Yes Function flashing, starting with pulse, fixed time Key No. Function flashing, starting with pulse, fixed time Key No. Clock function, starting with pulse, variable Key No. Time range s 0.5-38000 Rendet ceptration possible Key 1.0-20 Rendet centrol supply voltage AC 50 Hz V 2.2-20 Read centrol supply voltage AC 50 Hz V 2.2-20 Read centrol supply voltage AC 50 Hz V 2.2-20 Read centrol supply voltage AC 50 Hz V 2.2-20 Read centrol supply voltage AC 50 Hz V 2.2-20 Read centrol supply voltage AC 50 Hz V 2.2-20 Number of outputs, undelayed, normally open central V 2.2-20 Number of outputs, undelayed, normally open central V 9.2-20 Number of outputs, delayed, normally open central V 9.2-20 Number of outputs, delayed, normally open central V 9.2-20 Material occurrence V 9.2-20 Material central serie<	Function floating contact on de-energization		Yes	
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Time range 8 0.65-360000 Remote operation possible No Suitable as remote control No No Bated control supply voltage AC 50 Hz V 24-240 Rated control supply voltage AC 50 Hz V 24-240 Rated control supply voltage DC V 24-240 Voltage type for actuating C/C AC/DC Number of outputs, undelayed, normally closed contact C/C Q Number of outputs, undelayed, normally open contact C/C Q Number of outputs, delayed, normally open contact C/C Q Number of outputs, delayed, normally open contact C/C Q Number of outputs, delayed, normally open contact C/C Q Number of outputs, delayed, normally open contact C/C Q With semiconductor output C/C Q Material of contact insert C/C Q Material of contact surface C/C Q Q Operating voltage AC 50 Hz Q Q Q Q Operating voltage AC 50 Hz Q <th< td=""><td>Clock function, starting with pause, variable</td><td></td><td>No</td></th<>	Clock function, starting with pause, variable		No	
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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 V 24 - 240 Number of outputs, undelayed, normally closed contact AC/DC Number of outputs, undelayed, normally open contact 0 0 Number of outputs, undelayed, change-over contact 0 0 Number of outputs, undelayed, normally open contact 0 0 Number of outputs, delayed, normally open contact 0 0 Number of outputs, delayed, change-over contact 0 0 Number of outputs, delayed, change-over contact 0 0 Number of outputs, delayed, change-over contact 0 0 With semiconductor output 0 0 Material of contact insert 0 0 Material of contact surface V 24 - 240 Operating voltage AC 80 Hz V 24 - 240 Operating voltage AC 80 Hz V 24 - 240 <td>Time range</td> <td>s</td> <td>0.05 - 360000</td>	Time range	s	0.05 - 360000	
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 C 24 - 240 Number of outputs, undelayed, normally open contact C 0 Number of outputs, undelayed, change-over contact C 0 Number of outputs, delayed, normally open contact C 0 Number of outputs, delayed, normally closed contact C 0 Number of outputs, delayed, normally open contact C 0 Number of outputs, delayed, change-over contact C 0 Number of outputs, delayed, normally open contact No No Number of outputs, delayed, change-over contact No No With semiconductor output No No Material of contact insert V 4 - 240 Material of contact surface V 4 - 240 Operating voltage AC 50 Hz V 4 - 240 Operating voltage AC 50 Hz V 4 - 240 Voltage type (operating voltage)	Remote operation possible		No	
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Voltage type for actuating Number of outputs, undelayed, normally closed contact Number of outputs, undelayed, normally open contact Number of outputs, undelayed, change-over contact Number of outputs, undelayed, change-over contact Number of outputs, delayed, normally closed contact Number of outputs, delayed, normally open contact Number of outputs, delayed, normally open contact Number of outputs, delayed, normally open contact Number of outputs, delayed, change-over contact Number of outputs, delayed, change-over contact Number of outputs, delayed, delayed Number of outputs, delayed, delayed, delayed, delayed Number of outputs, delayed, delayed, delayed, delayed Number of outputs, delayed, de	Rated control supply voltage AC 60 Hz	V	24 - 240	
Number of outputs, undelayed, normally closed contact 0 Number of outputs, undelayed, change-over 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 No Material contact No Material of contact surface No Operating voltage AC 50 Hz V 24 - 240 Operating voltage AC 50 Hz V 24 - 240 Operating voltage AC 60 Hz V 24 - 240 Voltage type (operating voltage) AC/DC Nominal current A 8 Max. starting current A 8 Degree of protection (IP) P20 Relay technology category according to IEC 61810-7 mm 17.5	Rated control supply voltage DC	V	24 - 240	
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Number of outputs, delayed, change-over contact Number of outputs, delayed, change-over contact Outputs, reversible delayed/undelayed With semiconductor output Material of contact insert Material contact Material of contact surface Operating voltage AC 50 Hz Operating voltage AC 60 Hz Operating voltage DC Voltage type (operating voltage) Non Max. starting current A 8 Max. starting current A 8 Max. starting current Relay technology category according to IEC 61810-7 Writh Writh Width	Number of outputs, undelayed, change-over contact		0	
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Nominal current A 8 Max. starting current A 8 Degree of protection (IP) Relay technology category according to IEC 61810-7 Width mm 17.5	Operating voltage DC	V	24 - 240	
Max. starting current Degree of protection (IP) Relay technology category according to IEC 61810-7 Width Max. starting current IP20 IP20 IP30	Voltage type (operating voltage)		AC/DC	
Degree of protection (IP) Relay technology category according to IEC 61810-7 Width mm 17.5	Nominal current	А	8	
Relay technology category according to IEC 61810-7 Width mm 17.5	Max. starting current	А	8	
Width mm 17.5	Degree of protection (IP)		IP20	
	Relay technology category according to IEC 61810-7			
Height mm 87	Width	mr	n 17.5	
- 5	Height	mr	n 87	
Depth mm 65	Depth	mr	n 65	