DATASHEET - DILM32-XTEE11(RAC240)

Timer module, 200-240VAC, 0.1-100s, on-delayed

Part no.	**DILM32-XTEE11(RAC240)**
	101442
EL Number (Norway)	**4130295**

Product name	Eaton Moeller® series DILM timer module
Part no.	DILM32-XTEE11(RAC240)
EAN	4015081013623
Product Length/Depth	86 millimetre
Product height	38 millimetre
Product width	45 millimetre
Product weight	0.073 kilogram
Certifications	UL Category Control No.: NKCR IEC/EN 60947 DIN EN 61812 CSA-C22.2 No. 14-05 VDE 0660 UL File No.: E29184 CSA CSA Class No.: 3211-03 CSA File No.: 012528 IEC/EN 60947-4-1 UL UL 508 CE
Product Tradename	DILM
Product Type	Accessory
Product Sub Type	Timer module
Catalog Notes	Cannot be combined with top mounting auxiliary contacts
Fitted with:	Suppressor circuits
Switch function type	Operating delayed
Operating mode	Electronic
Degree of protection	IP20
Delay time	50 ms, On-delayed 200 ms, Off-delayed
Lifespan, mechanical	3,000,000 Operations (AC operated) 3,000,000 Operations (DC operated)
Operating frequency	3600 Operations/h 360 mechanical Operations/h
Overvoltage category	III
Pollution degree	3
Product category	Accessories
Protection	Finger and back-of-hand proof, Protection against direct contact when actuated from front
Rated impulse withstand voltage (Uimp)	4000 V AC
Recovery time	70 ms (after 100 % time delay)
Repetition accuracy	< 5 % (deviation)
Mounting position	As required (except suspended)
Shock resistance	6 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms 6 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms
Ambient operating temperature - min	-25 °F
Ambient operating temperature - max	60 °F
Ambient operating temperature (enclosed) - min	25 °F
Ambient operating temperature (enclosed) - max	40 °F

Ambient storage temperature - min	40 °F
Ambient storage temperature - max	80 °F
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Terminal capacity (flexible with ferrule)	2 x (0.75 - 1.5) mm^2 1 x (0.75 - 1.5) mm^2
Terminal capacity (solid)	2 x (0.75 - 1.5) mm^2 1 x (0.75 - 2.5) mm^2
Terminal capacity (solid/stranded AWG)	18 - 14
Screw size	M3.5, Terminal screw, Control circuit cables
Screwdriver size	2, Terminal screw, Pozidriv screwdriver 0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver
Rated operational current (Ie)	1 A at 24 V, DC-13 L/R - 50 ms (with 1 contact in series) 1 A at 24 V, DC-13 L/R - 300 ms (with 1 contact in series) 0.1 A at 220 V, DC-13 L/R - 300 ms (with 1 contact in series) 0.1 A at 220 V, DC-13 L/R - 50 ms (with 1 contact in series) 0.2 A at 60 V, DC-13 L/R - 300 ms (with 1 contact in series) 0.2 A at 110 V, DC-13 L/R - 50 ms (with 1 contact in series) 3 A at AC-15, 220 V 230 V 240 V 0.2 A at 110 V, DC-13 L/R - 300 ms (with 1 contact in series) 0.2 A at 60 V, DC-13 L/R - 50 ms (with 1 contact in series)
Short-circuit current rating (basic rating)	125 A, max. CB, SCCR (UL/CSA) 5 kA, SCCR (UL/CSA) 125 A, max. Fuse, SCCR (UL/CSA)
Short-circuit current rating (high fault at 480 V)	50/32 A, max. CB, SCCR (UL/CSA) 125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 10/65 kA, CB, SCCR (UL/CSA)
Short-circuit current rating (high fault at 600 V)	125/125 A, Class J, max. Fuse, SCCR (UL/CSA) 10/22 kA, CB, SCCR (UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA)
Short-circuit protection rating	Max. 4 A gG/gL, fuse, Without welding, Auxiliary and control circuits
Conventional thermal current ith of auxiliary contacts (1-pole, open)	4 A
Switching capacity (auxiliary contacts, general use)	5 A, 24 V DC, (UL/CSA) 5 A, 240 V AC, (UL/CSA)
Switching capacity (auxiliary contacts, pilot duty)	R300, DC operated (UL/CSA) B300, AC operated (UL/CSA)
Duty factor	100 %
Pick-up voltage	0.7 - 1.2 V DC x Uc 0.85 - 1.1 V AC x Uc
Power consumption (sealing) at DC	1.8 W
Power consumption, sealing, 50 Hz	2 VA, Coil in a cold state and 1.0 x Us
Power consumption, sealing, 60 Hz	2 VA, Coil in a cold state and 1.0 x Us
Rated control supply voltage (Us) at AC, 50 Hz - min	200 V
Rated control supply voltage (Us) at AC, 50 Hz - max	240 V
Rated control supply voltage (Us) at AC, 60 Hz - min	200 V
Rated control supply voltage (Us) at AC, 60 Hz - max	240 V
Number of contacts (change-over contacts)	0
Number of contacts (normally closed contacts)	1
Number of contacts (normally open contacts)	1
Safe isolation	250 V AC, Between coil and auxiliary contacts, According to EN 61140 250 V AC, Between auxiliary contacts, According to EN 61140
Equipment heat dissipation, current-dependent Pvid	0 W
10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.

10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of assemblies			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 8.0

Relays (EG000019) / Timer block (EC002060)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Timer block attachment (ecl@ss10.0.1-27-37-13-08 [ACN996011])			
Switching function			Operating delayed
Setting time		s	0.05 - 100
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			1
Number of contacts as change-over contact			0
Operating principle			Electronic

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