Eaton 104947

Eaton Moeller® series DILM Timer module, 100-130VAC, 5-100s, off-delayed

PRODUCT NAME	Eaton Moeller® series DILM timer module
CATALOG NUMBER	104947
PRODUCT LENGTH/DEPTH	86 mm
PRODUCT HEIGHT	38 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.073 kg
CERTIFICATIONS	UL Category Control No.: NKCR CE IEC/EN 60947 CSA File No.: 012528 UL File No.: E29184 DIN EN 61812 CSA CSA Class No.: 3211-03 UL CSA-C22.2 No. 14-05 UL 508 VDE 0660 IEC/EN 60947-4-1
CATALOG NOTES	Cannot be combined with top mounting auxiliary contacts

Powering Business Worldwide

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.
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	Does not apply, since the

DECLARATIONS OF CONFORMITY	eaton-accessory-declaration-of-conformity-uk251284en.pdf
MCAD MODEL	dilm32_xte11.stp dilm32_xte11.dwg
	IL04910004Z2021_07.pdf

AGAINST ELECTRIC SHOCK	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.
FITTED WITH:	Suppressor circuits
OPERATING FREQUENCY	3600 Operations/h 360 mechanical Operations/h
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
OPERATING MODE	Electronic
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4000 V AC
SETTING TIME - MAX	100 s
SETTING TIME - MIN	5 s
PRODUCT CATEGORY	Accessories
PROTECTION	Finger and back-of-hand proof, Protection against direct contact when actuated from front
AMBIENT OPERATING TEMPERATURE - MAX	60 °F
AMBIENT OPERATING TEMPERATURE - MIN	-25 °F
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX	40 °F
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN	-25 °F
AMBIENT STORAGE TEMPERATURE - MAX	80 °F
AMBIENT STORAGE	-40 °F

TEMPERATURE - MIN	
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	1
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	1
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	130 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	100 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	130 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	100 V
SCREWDRIVER SIZE	0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver 2, Terminal screw, Pozidriv screwdriver
MOUNTING POSITION	As required (except suspended)
DEGREE OF PROTECTION	IP20
OVERVOLTAGE CATEGORY	III
DELAY TIME	200 ms, Off-delayed 50 ms, On-delayed
DUTY FACTOR	100 %
LIFESPAN, MECHANICAL	3,000,000 Operations (DC operated) 3,000,000 Operations (AC operated)
SWITCH FUNCTION TYPE	Time-delay dropped out
PICK-UP VOLTAGE	0.7 - 1.2 V DC x Uc

	0.85 - 1.1 V AC x Uc
POWER CONSUMPTION, SEALING, 50 HZ	2 VA, Coil in a cold state and 1.0 x Us
SAFE ISOLATION	250 V AC, Between coil and auxiliary contacts, According to EN 61140 250 V AC, Between auxiliary contacts, According to EN 61140
POWER CONSUMPTION, SEALING, 60 HZ	2 VA, Coil in a cold state and 1.0 x Us
SCREW SIZE	M3.5, Terminal screw, Control circuit cables
RATED OPERATIONAL CURRENT (IE)	0.1 A at 220 V, DC-13 L/R - 300 ms (with 1 contact in series) 0.2 A at 110 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) 1 A at 24 V, DC-13 L/R - 50 ms (with 1 contact in series) 0.2 A at 110 V, DC-13 L/R - 50 ms (with 1 contact in series) 0.2 A at 60 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) 0.2 A at 60 V, DC-13 L/R - 300 ms (with 1 contact in series) 3 A at AC-15, 220 V 230 V 240 V
RECOVERY TIME	70 ms (after 100 % time delay)
REPETITION ACCURACY	< 5 % (deviation)
SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)	5 A, 240 V AC, (UL/CSA) 5 A, 24 V DC, (UL/CSA)
SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	R300, DC operated (UL/CSA) B300, AC operated (UL/CSA)
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
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)	125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 10/65 kA, CB, SCCR (UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA)
SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V)	10/100 kA, Fuse, SCCR (UL/CSA) 125/125 A, Class J, max. Fuse, SCCR (UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA) 10/22 kA, CB, SCCR (UL/CSA)
SHORT-CIRCUIT PROTECTION RATING	Max. 4 A gG/gL, fuse, Without welding, Auxiliary and control circuits
TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	2 x (0.75 - 1.5) mm^2 1 x (0.75 - 1.5) mm^2
TERMINAL CAPACITY (SOLID)	1 x (0.75 - 2.5) mm^2 2 x (0.75 - 1.5) mm^2
TERMINAL CAPACITY (SOLID/STRANDED AWG)	18 - 14

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
:	

Eaton House
30 Pembroke Road
Dublin 4,
Eaton.com

Follow us on social media to get the latest product and support information.