



Eaton 199312

Eaton Moeller® series DILM Auxiliary contact module, 4 pole, Ith= 16 A, 3 N/O, 1 NC, Front fixing, Push in terminals, DILM7-10 - DILM38-10

General specifications

PRODUCT NAME Eaton Moeller® series DILM auxiliary contact module

CATALOG NUMBER 199312

EAN 4015081973965

PRODUCT LENGTH/DEPTH 54 mm

PRODUCT HEIGHT 38 mm

PRODUCT WIDTH 36 mm

PRODUCT WEIGHT 0.05 kg

CERTIFICATIONS

VDE 0660
IEC/EN 60947
CSA File No.: 012528
CSA Class No.: 3211-03
UL File No.: E29184
UL 508
CSA-C22.2 No. 14-05
CE marking
UL
CSA
UL Category Control No.: NKCR

CATALOG NOTES

Rated operational current:
Switch-on and switch-off conditions based on DC-13, time constant as specified. Auxiliary contacts used as mirror contacts according to IEC/EN 60947-4-1 Appendix F (not N/C late open)

MODEL CODE DILM32-XHI31-PI



Powering Business Worldwide

Charakterytyka & Funkcje

FEATURES	Interlocked opposing contacts within an auxiliary contact module (according to IEC 60947-5-1 Annex L)
FUNCTIONS	For standard applications
FITTED WITH:	Interlocked opposing contacts
NUMBER OF POLES	Four-pole
ELECTRIC CONNECTION TYPE	Push-in connection

Warunki otoczenia, mechaniczne

SHOCK RESISTANCE	5 g, N/C auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms 7 g, N/O auxiliary contact, Basic unit with auxiliary contact module, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms
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Parametry ogólne

CONNECTION	Push in terminals
LIFESPAN, ELECTRICAL	1,300,000 Operations (at 230 V, AC-15, 3 A)
LIFESPAN, MECHANICAL	10,000,000 Operations (DC operated) 10,000,000 Operations (AC operated)
MODEL	Top mounting
MOUNTING METHOD	Front fastening
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
PROTECTION	Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
TYPE	Front mounting auxiliary contact

Klimatyczne warunki środowiskowe

AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE - MAX	60 °C
AMBIENT OPERATING TEMPERATURE - MAX	60 °C
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX	40 °C
AMBIENT STORAGE TEMPERATURE - MIN	-40 °C
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78

Pojemność zacisków

TERMINAL CAPACITY (FLEXIBLE WITH UNISOLATED FERRULE)	1 x (0.5 - 2.5) mm ² 2 x (0.5 - 2.5) mm ²
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TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	1 x (0.5 - 1.5) mm ² 2 x (0.5 - 1.5) mm ²
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TERMINAL CAPACITY (FLEXIBLE)	1 x (0.5 - 2.5) mm ² 2 x (0.5 - 2.5) mm ²
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TERMINAL CAPACITY (SOLID)	1 x (0.5 - 2.5) mm ² 2 x (0.5 - 2.5) mm ²
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TERMINAL CAPACITY (SOLID/STRANDED AWG)	20 - 14
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Elektryczna moc znamionowa

RATED OPERATIONAL CURRENT (IE) AT AC-15, 220 V, 230 V, 240 V	4 A
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RATED OPERATIONAL CURRENT (IE) AT AC-15, 380 V, 400 V, 415 V	4 A
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RATED OPERATIONAL CURRENT (IE) AT AC-15, 500 V	1.5 A
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RATED OPERATIONAL CURRENT (IE) AT DC-13, 24 V	2.5 A
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RATED OPERATIONAL CURRENT (IE) AT DC-13, 60 V	1 A
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RATED OPERATIONAL CURRENT (IE) AT DC-13, 110 V	0.5 A
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RATED OPERATIONAL CURRENT (IE) AT DC-13, 220 V, 230 V	0.25 A
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RATED INSULATION VOLTAGE (UI)	690 V
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RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	500 V
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Wytrzymałość zwarcia

SHORT-CIRCUIT PROTECTION RATING WITHOUT WELDING	10 A gG/gL, 500 V, Max. Fuse, Contacts
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Konwencjonalny prąd termiczny

CONVENTIONAL THERMAL CURRENT ITH OF AUXILIARY CONTACTS (1-POLE, OPEN)	0.16 A
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Zdolność przełączania

SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)	10 A, 600 V AC, (UL/CSA) 1 A, 250 V DC, (UL/CSA)
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SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	A600, AC operated (UL/CSA) P300, DC operated (UL/CSA)
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Styki

CONTROL CIRCUIT RELIABILITY	$\lambda < 5 \times 1/10^7$ (1 failure at 2,000,000 operations for $U_e = 24$ V DC, $U_{min} = 17$ V, $I_{min} = 5.4$ mA)
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NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
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NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	1
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NUMBER OF CONTACTS (NORMALLY OPEN)	3
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Bezpieczeństwo

SAFE ISOLATION

400 V AC, Between coil
and auxiliary contacts,
According to EN 61140
400 V AC, Between
auxiliary contacts,
According to EN 61140

CONTACTS)

Do pobrania

DEKLARACJE ZGODNOŚCI

[eaton-accessory-
declaration-of-conformity-
eu250793en.pdf](#)

INSTRUKCJE MONTAŻU

[IL034094ZU](#)

MODELE ECAD

[ETN.199312.edz](#)

MODELE MCAD

[dil_a_xhi_4_pi.dwg](#)

[eaton-contact-blocks-
mcad-3d-models-dil-a-xhi-
4-pi.stp](#)

RYSUNKI

[eaton-contactors-
dimensions-008.eps](#)

SCHEMATY POŁĄCZEŃ

[2100SWI-140](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATA:



Eaton Corporation plc

Eaton House
30 Pembroke Road
Dublin 4, Irlandia
Eaton.com

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