

Auxiliary contact module, 4 pole, Ith= 16 A, 2 N/O, 2 NC, Front fixing, Push in terminals, DILM7-10 - DILM38-10



Part no. **DILM32-XHI22-PI**
199311

General specifications

Product name	Eaton Moeller® series DILM auxiliary contact module
Part no.	DILM32-XHI22-PI
EAN	4015081973958
Product Length/Depth	54 millimetre
Product height	38 millimetre
Product width	36 millimetre
Product weight	0.05 kilogram
Certifications	VDE 0660 IEC/EN 60947 CSA-C22.2 No. 14-05 UL File No.: E29184 CE marking CSA Class No.: 3211-03 CSA File No.: 012528 UL UL Category Control No.: NKCR UL 508 CSA
Product Tradename	DILM
Product Type	Accessory
Product Sub Type	Auxiliary contact module
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)

Features & Functions

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	Spring clamp connection

General information

Degree of protection	IP20
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
Oversupply 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

Ambient conditions, mechanical

Shock resistance	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 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
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Climatic environmental conditions

Ambient operating temperature - min	-25 °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
Terminal capacities	
Terminal capacity (flexible with ferrule)	1 x (0.5 - 1.5) mm ² 1 x (0.5 - 2.5) mm ² 2 x (0.5 - 2.5) mm ² , Push-in terminals, ferrule to DIN 46228-1 1 x (0.5 - 1.5) mm ² , Push-in terminals, ferrule to DIN 46228-4
Terminal capacity (flexible)	1 x (0.5 - 2.5) mm ² 2 x (0.5 - 2.5) mm ²
Terminal capacity (solid)	1 x (0.5 - 0.25) mm ² 2 x (0.5 - 2.5) mm ² , Control circuit cables
Terminal capacity (solid/stranded AWG)	20 - 14
Electrical rating	
Rated operational current (Ie)	3 A at 110 V, DC L/R ≤ 15 ms (with 1 contact in series) 6 A at 60 V, DC L/R ≤ 15 ms (with 1 contact in series) 1 A at 220 V, DC L/R ≤ 15 ms (with 1 contact in series) 10 A at 24 V, DC L/R ≤ 15 ms (with 1 contact in series)
Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V	4 A
Rated operational current (Ie) at AC-15, 380 V, 400 V, 415 V	4 A
Rated operational current (Ie) at AC-15, 500 V	1.5 A
Rated operational current (Ie) at DC-13, 24 V	2.5 A
Rated operational current (Ie) at DC-13, 60 V	1 A
Rated operational current (Ie) at DC-13, 110 V	0.5 A
Rated operational current (Ie) at DC-13, 220 V, 230 V	0.25 A
Rated insulation voltage (Ui)	690 V
Rated operational voltage (Ue) at AC - max	500 V
Short-circuit rating	
Short-circuit protection rating without welding	10 A gG/gL, 500 V, Max. Fuse, Contacts
Conventional thermal current Ith	
Conventional thermal current ith at 60°C (3-pole, open)	16 A
Conventional thermal current ith of auxiliary contacts (1-pole, open)	0.16 A
Switching capacity	
Switching capacity (auxiliary contacts, general use)	10 A, 600 V AC, (UL/CSA) 1 A, 250 V DC, (UL/CSA)
Switching capacity (auxiliary contacts, pilot duty)	A600, AC operated (UL/CSA) P300, DC operated (UL/CSA)
Communication	
Connection type	Push in terminals
Contacts	
Control circuit reliability	< 2 λ, < 1 failure at 100,000,000 Operations (at U# = 24 V DC, Umin = 17 V, Imin = 5.4 mA)
Number of contacts (change-over contacts)	0
Number of contacts (normally closed contacts)	2
Number of contacts (normally open contacts)	2
Safety	
Safe isolation	400 V AC, Between auxiliary contacts, According to EN 61140 400 V AC, Between coil and auxiliary contacts, According to EN 61140

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041)	
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecl@ss10.0.1-27-37-13-02 [AKN342013])	
Number of contacts as change-over contact	0
Number of contacts as normally open contact	2
Number of contacts as normally closed contact	2
Number of fault-signal switches	0
Rated operation current Ie at AC-15, 230 V	A 4
Type of electric connection	Spring clamp connection

Model		Top mounting
Mounting method		Front fastening
Lamp holder		None