

Auxiliary contact module, 2 pole, Ith= 16 A, 1 N/O, 1 NC, Front fixing, Push in terminals, DILM7-10 - DILM38-10



Part no. DILM32-XHI11-PI  
199309  
EL Number 4190386  
(Norway)

General specifications		
Product name		Eaton Moeller® series DILM auxiliary contact module
Part no.		DILM32-XHI11-PI
EAN		4015081973934
Product Length/Depth		54 millimetre
Product height		38 millimetre
Product width		36 millimetre
Product weight		0.04 kilogram
Certifications		VDE 0660 IEC/EN 60947 UL Category Control No.: NKCR UL CSA File No.: 012528 CE marking UL 508 UL File No.: E29184 CSA CSA-C22.2 No. 14-05 CSA Class No.: 3211-03
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		Two-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 (AC operated) 10,000,000 Operations (DC 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
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
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
<b>Terminal capacities</b>		
Terminal capacity (flexible with ferrule)		1 x (0.5 - 1.5) mm <sup>2</sup> 1 x (0.5 - 2.5) mm <sup>2</sup> 2 x (0.5 - 2.5) mm <sup>2</sup> , Push-in terminals, ferrule to DIN 46228-1 1 x (0.5 - 1.5) mm <sup>2</sup> , Push-in terminals, ferrule to DIN 46228-4
Terminal capacity (flexible)		1 x (0.5 - 2.5) mm <sup>2</sup> 2 x (0.5 - 2.5) mm <sup>2</sup>
Terminal capacity (solid)		1 x (0.5 - 0.25) mm <sup>2</sup> 2 x (0.5 - 2.5) mm <sup>2</sup> , Control circuit cables
Terminal capacity (solid/stranded AWG)		20 - 14
<b>Electrical rating</b>		
Rated operational current (Ie)		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) 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)
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
<b>Short-circuit rating</b>		
Short-circuit protection rating without welding		10 A gG/gL, 500 V, Max. Fuse, Contacts
<b>Conventional thermal current Ith</b>		
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
<b>Switching capacity</b>		
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)
<b>Communication</b>		
Connection type		Push in terminals
<b>Contacts</b>		
Control circuit reliability		λ < 5 x 10 <sup>-7</sup> (1 failure at 2,000,000 operations for U# = 24 V DC, Umin = 17 V, Imin = 5.4 mA)
Number of contacts (change-over contacts)		0
Number of contacts (normally closed contacts)		1
Number of contacts (normally open contacts)		1
<b>Safety</b>		
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 (ecI@ss10.0.1-27-37-13-02 [AKN342013])		
Number of contacts as change-over contact		0
Number of contacts as normally open contact		1
Number of contacts as normally closed contact		1
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