

**Auxiliary contact module, 4 pole, Ith= 16 A, 1 N/O, 1 N/OE, 1 NC, 1 NCL,  
Front fixing, Push in terminals, DILA, DILM7 - DILM38**



**Part no.** **DILA-XHIV22-PI**  
**199322**

Product name	Eaton Moeller® series DILA Accessory Auxiliary contact module
Part no.	DILA-XHIV22-PI
EAN	4015081974061
Product Length/Depth	54 millimetre
Product height	38 millimetre
Product width	36 millimetre
Product weight	0.051 kilogram
Certifications	VDE 0660 IEC/EN 60947 CE marking CSA Class No.: 3211-03 CSA File No.: 012528 CSA-C22.2 No. 14-05 UL UL Category Control No.: NKCR UL File No.: E29184 CSA UL 508
Product Tradename	DILA
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)
Functions	For standard applications
Number of poles	Four-pole
Electric connection type	Spring clamp connection
Degree of protection	IP20
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
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
Operating frequency	9000 Operations/h
Overtoltage 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 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 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
Conventional thermal current $i_{th}$ at 60°C (3-pole, open)	16 A
Conventional thermal current $i_{th}$ of auxiliary contacts (1-pole, open)	0.16 A
Rated operational current ( $I_e$ )	3 A at 110 V, DC L/R ≤ 15 ms (with 1 contact in series) 6 A at 110 V, DC L/R ≤ 15 ms (with 3 contacts in series) 6 A at 60 V, DC L/R ≤ 15 ms (with 1 contact in series) 2.5 A at 24 V, DC L/R ≤ 50 ms (with 3 contacts in series) 0.5 A at 110 V, DC L/R ≤ 50 ms (with 3 contacts in series) 10 A at 60 V, DC L/R ≤ 15 ms (with 2 contacts in series) 1 A at 60 V, DC L/R ≤ 50 ms (with 3 contacts in series) 5 A at 220 V, DC L/R ≤ 15 ms (with 3 contacts in series) 1 A at 220 V, DC L/R ≤ 15 ms (with 1 contact in series) 0.25 A at 220 V, DC L/R ≤ 50 ms (with 3 contacts in series) 10 A at 24 V, DC L/R ≤ 15 ms (with 1 contact in series)
Rated operational current ( $I_e$ ) at AC-15, 220 V, 230 V, 240 V	4 A
Rated operational current ( $I_e$ ) at AC-15, 380 V, 400 V, 415 V	4 A
Rated operational current ( $I_e$ ) at AC-15, 500 V	1.5 A
Rated operational current ( $I_e$ ) at DC-13, 24 V	2.5 A
Rated operational current ( $I_e$ ) at DC-13, 60 V	1 A
Rated operational current ( $I_e$ ) at DC-13, 110 V	0.5 A
Rated operational current ( $I_e$ ) at DC-13, 220 V, 230 V	0.25 A
Rated insulation voltage ( $U_i$ )	690 V
Rated operational voltage ( $U_e$ ) at AC - max	500 V
Short-circuit protection rating without welding	10 A gG/gL, 500 V, Max. Fuse, Contacts
Safe isolation	400 V AC, Between auxiliary contacts, According to EN 61140 400 V AC, Between coil and auxiliary contacts, According to EN 61140
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)
Connection type	Push in terminals
Control circuit reliability	< 2 $\lambda$ , < 1 failure at 100,000,000 Operations (at $U_{\#}$ = 24 V DC, $U_{min}$ = 17 V, $I_{min}$ = 5.4 mA)
Number of contacts	1 (normally open, early make) 1 (normally closed, late break)
Number of contacts (change-over contacts)	0
Number of contacts (normally closed contacts)	2
Number of contacts (normally open contacts)	2

## 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 $I_e$ at AC-15, 230 V	A 4
Type of electric connection	Spring clamp connection
Model	Top mounting
Mounting method	Front fastening

