



aux.contact module, 2-poles, front



Powering Business Worldwide™

Part no. DILM32-XHI11
Article no. 277376
Catalog No. XTCEXFDC11

Delivery programme

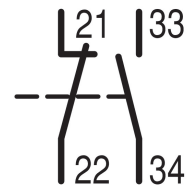
Product range
 Accessories
 Description
 Function
 Pole
 Connection technique
 Rated operational current
 AC-3
 Conventional free air thermal current, 3 pole, 50 - 60 Hz
 Open
 at 60 °C
 AC-15
 220 V 230 V 240 V
 380 V 400 V 415 V
 Contacts
 N/O = Normally open
 N/C = Normally closed
 Mounting type
 Contact sequence

$I_{th} = I_e$	A
I_e	A
I_e	A

Accessories
 Auxiliary contact modules with interlocked opposing contacts for standard applications
 2 pole
 Screw terminals

16
4
4

1 N/O
 1 N/C
 Front fixing



For use with

DILM(C)7-10...
 DILM(C)9-10...
 DILM(C)12-10...
 DILM(C)15-10...
 DILM(C)17-10...
 DILM(C)25-10...
 DILM(C)32-10...
 DILM38-10...
 DILMP20...
 DILMP32-10...
 DILMP45-10...
 DILL...
 Interlocked opposing contacts according to IEC/EN 60947-5-1 appendix L, inside the auxiliary contact modules, also for the integrated auxiliary contacts of the DILM 7 - DILM32
 Auxiliary contacts used as mirror contacts according to IEC/EN 60947-4-1 Appendix F (not N/C late open)

Instructions

Approvals

Product Standards	IEC/EN 60947-4-1; UL 508; CSA-C22.2 No. 14-05; CE marking
UL File No.	E29184
UL Category Control No.	NKCR
CSA File No.	012528
CSA Class No.	3211-03
North America Certification	UL listed, CSA certified
Specially designed for North America	No

Electrical specifications for standard auxiliary contacts

Interlocked opposing contacts within an auxiliary contact module (to IEC 60947-5-1 Annex L)
 N/C contact (not late-break contact) suitable as a mirror contact (to IEC/EN 60947-4-1 Annex F)
 Rated impulse withstand voltage

		Yes
		DILM7 - DILM38
U_{imp}	V AC	6000
Overvoltage category/pollution degree		III/3
Rated insulation voltage	U_i	V AC 690
Rated operational voltage	U_e	V AC 500
Safe isolation to EN 61140		
	between coil and auxiliary contacts	V AC 400
	between the auxiliary contacts	V AC 400

Rated operational current		A	
Conventional free air thermal current, 3 pole, 50 - 60 Hz			
Open			
at 60 °C	$I_{th}=I_e$	A	16
AC-15			
220 V 230 V 240 V	I_e	A	4
380 V 400 V 415 V	I_e	A	4
500 V	I_e	A	1.5
DC current			
DC L/R 15 ms			
24 V	I_e	A	10
60 V	I_e	A	6
110 V	I_e	A	3
220 V	I_e	A	1
DC-13 (6xP)			
Contacts in series:		A	
3	24 V	A	2.5
3	60 V	A	1
3	110 V	A	0.5
3	220 V	A	0.25
Control circuit reliability	Failure rate	λ	$<10^{-8}$, < one failure at 100 million operations (at $U_e = 24$ V DC, $U_{min} = 17$ V, $I_{min} = 5.4$ mA)
Component lifespan			
at $U_e = 230$ V, AC-15, 3 A	Operations	$x 10^6$	1.3
Short-circuit rating without welding			
max. fuse		A gG/ gL	10

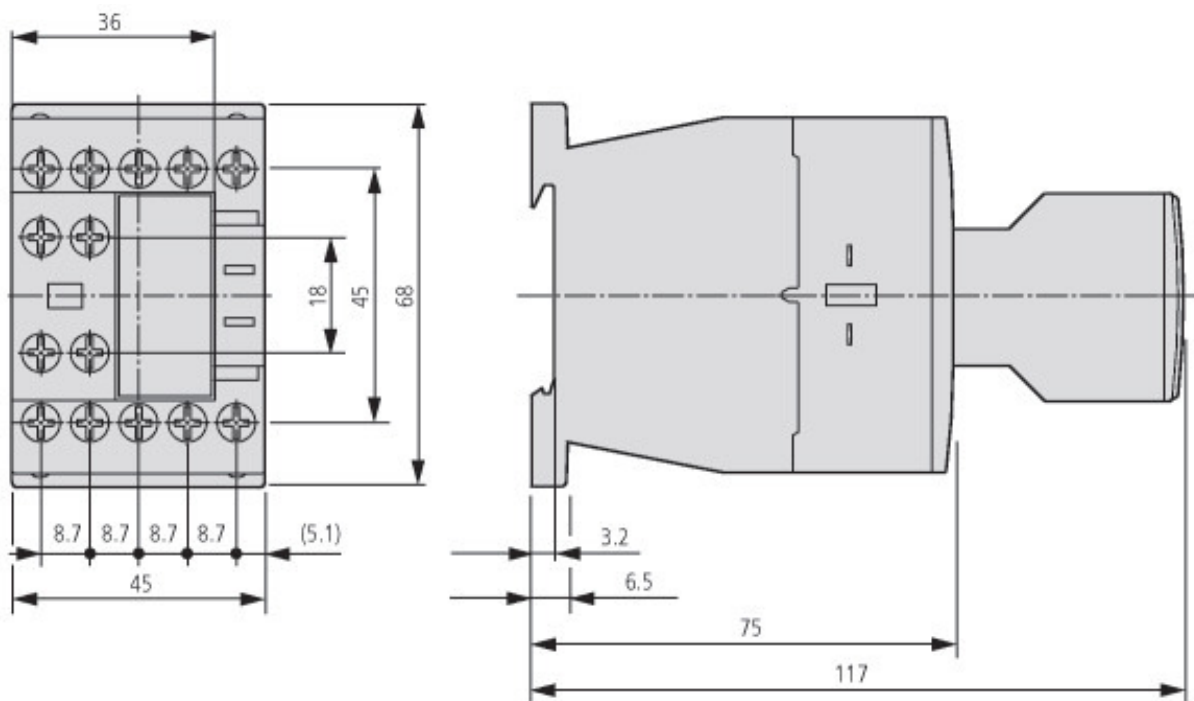
Technical data ETIM 5.0

Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041)

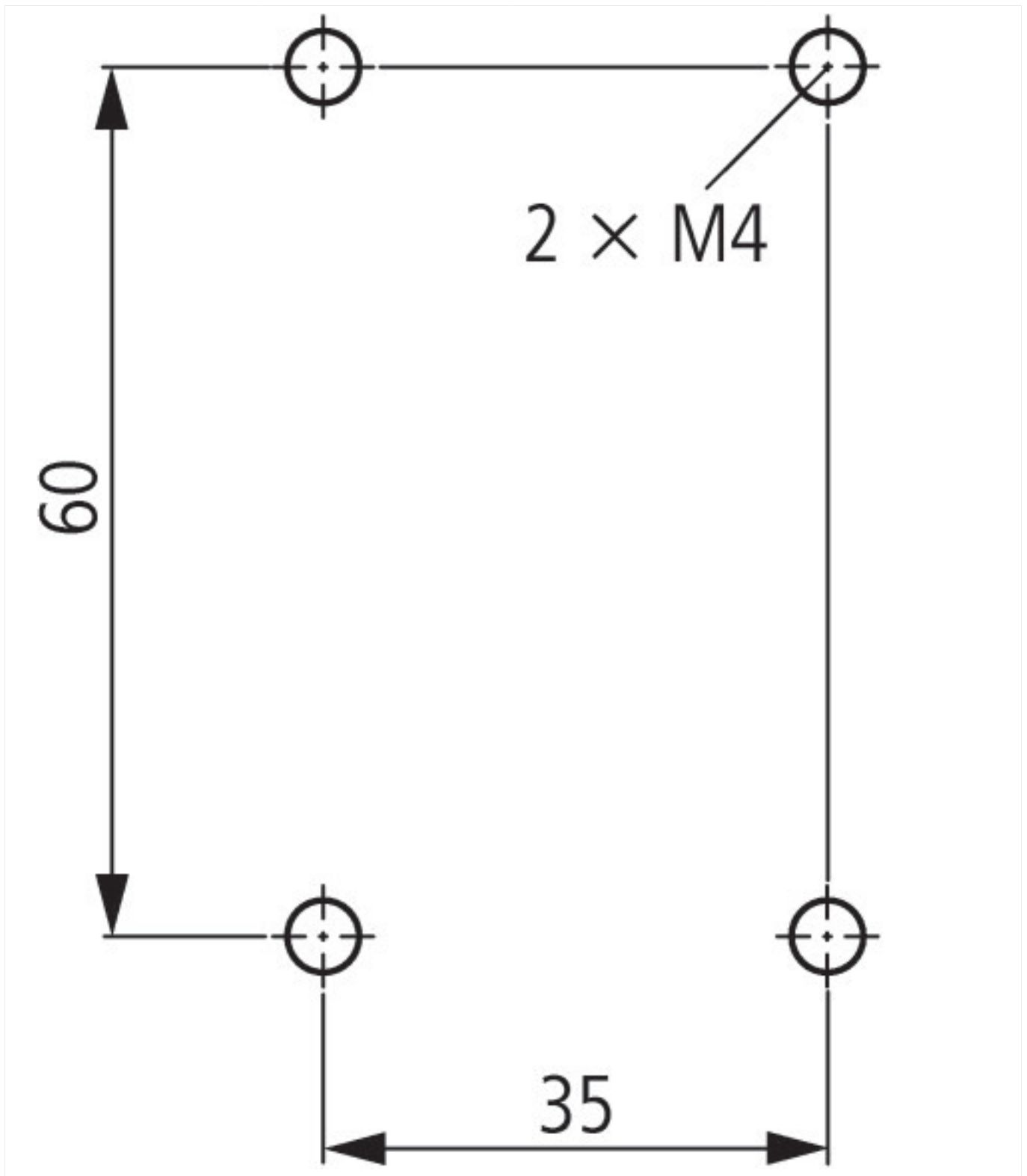
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block
(ecl@ss8-27-37-13-02 [AKN342009])

Number of contacts as change-over contact		0
Number of contacts as normally open contact		1
Number of contacts as normally closed contact		1
Rated operation current I_e at AC-15, 230 V	A	6
Type of electric connection		Screw connection
Mounting method		Front fastening

Dimensions



Contacteur avec module de contact auxiliaire



Additional product information (links)

IL03407013Z (AWA2100-2126) Contactors

IL03407013Z (AWA2100-2126)
Contactors

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03407013Z2012_03.pdf

<http://de.ecat.moeller.net/flip-cat/?edition=HPLTE&startpage=5.84>

Switchgear of Power Factor Correction
Systems

http://www.moeller.net/binary/ver_techpapers/ver934en.pdf

X-Start - Modern Switching
Installations Efficiently Fitted and
Wired Securely

http://www.moeller.net/binary/ver_techpapers/ver938en.pdf

Mirror Contacts for Highly-Reliable
Information Relating to Safety-Related
Control Functions

http://www.moeller.net/binary/ver_techpapers/ver944en.pdf

Effect of the Cabel Capacitance of
Long Control Cables on the Actuation
of Contactors

http://www.moeller.net/binary/ver_techpapers/ver949en.pdf

Motor starters and "Special Purpose Ratings" for the North American market	http://www.moeller.net/binary/ver_techpapers/ver953en.pdf
Switchgear for Luminaires	http://www.moeller.net/binary/ver_techpapers/ver955en.pdf
Standard Compliant and Functionally Safe Engineering Design with Mechanical Auxiliary Contacts	http://www.moeller.net/binary/ver_techpapers/ver956en.pdf
The Interaction of Contactors with PLCs	http://www.moeller.net/binary/ver_techpapers/ver957en.pdf
Busbar Component Adapters for modern Industrial control panels	http://www.moeller.net/binary/ver_techpapers/ver960en.pdf