

Contactor relays,aux.cont.mod.,4-pole

DILA-XHI31 Part no.

Article no. 276427





With interlocked opposing contacts (exception: ...XHI(C)V...)

Pelivery programme			
Application			Standard applications
Connection technique			Screw terminals
			4 pole
Contacts			
N/O = Normally open			3 N/O
N/C = Normally closed			1 N/C
Rated operational current			
AC-15			
220 V 230 V 240 V	l _e	Α	4
380 V 400 V 415 V	l _e	Α	4
Conventional thermal current	I _{th}	А	16
Code number and version of combination			
DILA(C)-40			71E
DILA(C)-31			62
DILA(C)-22			53
Contact sequence			$-\sqrt{\frac{53}{54}} \sqrt{\frac{61}{62}} \sqrt{\frac{73}{74}} \sqrt{\frac{83}{84}}$
Conventional thermal current $I_{\rm th}$ = $I_{\rm e}$ AC-1 at 60 °C			
Open	$I_{\text{th}} = I_{\text{e}}$	Α	16
Can be combined with basic unit			DILM(C)7 DILM(C)9 DILM(C)12 DILM(C)15 DILM(C)17 DILM(C)25 DILM(C)32 DILM(B)32 DILMB20 DILMP20 DILMP32 DILMP45 DILMP45

Notes

Version E combinations correspond to EN 50011 and are to be preferred; other combinations correspond to EN 50005

The DC operated contactor DILA(C)-22 must only be combined with 2 pole auxiliary contacts.

NO_E: early-make NO contact

NC_L: late break NC contact

Notes

- Interlocked opposing contacts, to IEC/EN 60947#5#1 Annex L, within the auxiliary contact modules (not N/O (early make) and N/C (late break) contacts) and for the built#in auxiliary contacts of the DILM7 - DILM32
- Auxiliary break contact can be used as mirror contact to IEC/EN 60947#4#1 Annex F (not N/C (late break) contact)
- No auxiliary contacts can be fitted between 2 contactors.

Auxiliary contacts

7 1007111011 7 0 0 11101010			
Interlocked opposing contacts within an auxiliary contact module (to IEC 60947-5-1 Annex L)			Yes
N/C contact (not late-break contact) suitable as a mirror contact (to IEC/EN 60947-4-1 Annex F)			DILM7 – DILM32
Rated impulse withstand voltage	U_{imp}	V AC	6000

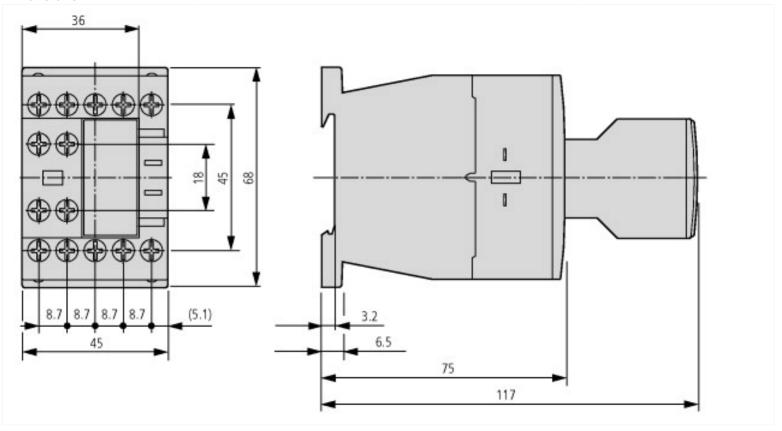
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Overvoltage category/pollution degree			III/3
Rated insulation voltage	U_{i}	V AC	690
Rated operational voltage	<i>U</i> e	V AC	500
Safe isolation to VDE 0106 Part 101 and Part 101/A1			
between coil and auxiliary contacts		V AC	400
between the auxiliary contacts		V AC	400
Rated operational current	<i>l</i> e	Α	
AC-15			
230 V	<i>l</i> e	Α	4
380/415 V	<i>l</i> e	Α	4
500 V	<i>l</i> e	Α	1.5
DC L/R $\stackrel{\leq}{=}$ 15 ms			
24 V	<i>I</i> e	Α	10
60 V	<i>I</i> e	Α	6
110 V	<i>I</i> e	Α	3
220 V	<i>I</i> e	Α	1
Conv. thermal current	<i>I</i> _{th}	Α	16
Control circuit reliability (at $U_{\rm e}$ = 24 V DC, $U_{\rm min}$ = 17 V, $I_{\rm min}$ = 5.4 mA)	Failure rate	#	<10 ⁻⁸ , < 1 one failure at 100 million operations
Component lifespan			
at U_e = 230 V, AC-15, 3 A	Operations	× 10 ⁶	1.3
Short-circuit rating without welding			
max. fuse		A gG/gL	10
Notes			

Notes

Notes not with DIL...-XHIV and DIL...-XHICV Making and breaking conditions to DC-13, time constant as stated

Dimensions



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