

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

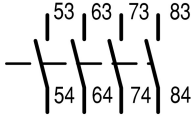
Part no. DILA-XHI40

Article no. 276428



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

Delivery programme

Application			Standard applications
Connection technique			Screw terminals
			4 pole
Contacts			
N/O = Normally open			4 N/O
Rated operational current			
AC-15			
220 V 230 V 240 V	I_e	A	4
380 V 400 V 415 V	I_e	A	4
Conventional thermal current	I_{th}	A	16
Code number and version of combination			
DILA(C)-40			80E
DILA(C)-31			71
DILA(C)-22			62
Contact sequence			
Conventional thermal current $I_{th} = I_e$ AC-1 at 60 °C			
Open	$I_{th} = I_e$	A	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... DILM38... DILMP20... DILMP32... DILMP45... DILL...

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

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
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 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_e	A	
AC-15			
230 V	I_e	A	4
380/415 V	I_e	A	4
500 V	I_e	A	1.5
DC L/R $\frac{U}{I}$ 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
Conv. thermal current	I_{th}	A	16
Control circuit reliability (at $U_e = 24$ V DC, $U_{min} = 17$ V, $I_{min} = 5.4$ mA)	Failure rate	#	$<10^{-8}$, < 1 one failure at 100 million operations
Component lifespan			
at $U_e = 230$ V, AC-15, 3 A	Operations	$\times 10^6$	1.3
Short-circuit rating without welding			
max. fuse		A gG/gL	10

Notes

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

Dimensions

