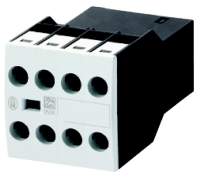


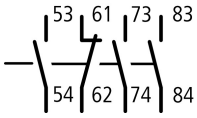
Contactor relays,aux.cont.mod.,4-pole

Part no. **DILA-XHI31**

Article no. **276427**

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

Delivery 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	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			71E
DILA(C)-31			62
DILA(C)-22			53
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 ⏦ 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	× 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