

1.1

Contactor relays

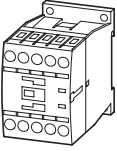
Basic devices

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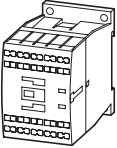
DILA Basic devices with positively driven contacts

Contact		Rated operational current		Conventional thermal current	Distinctive number	Can be combined with auxiliary contact	Circuit symbol
N/O = normally open contact	NC = normally closed contact	AC-15		I_{th}			
		220 V	380 V	A			
		230 V	400 V				
		240 V	415 V				
		I_e	I_e				
		A	A				
Screw terminals							
4 N/O	–	4	4	16	40E	DILA-XHI(V)...	
3 N/O	1 NC	4	4	16	31E	DILA-XHI(V)...	
2 N/O	2 NC	4	4	16	22E	DILA-XHI(V)...	
Spring-loaded terminals							
4 N/O	–	4	4	16	40E	DILA-XHIC(V)...	
3 N/O	1 NC	4	4	16	31E	DILA-XHIC(V)...	
2 N/O	2 NC	4	4	16	22E	DILA-XHIC(V)...	

Screw terminals



Spring-loaded terminals



Notes

Contact numbers to EN 50011
Coil terminal markings to EN 50005
The following applies to DC-operated contactors:

- Integrated suppressor circuit

Information relevant for export to North America



Product Standards	IEC/EN 60947-4-1; UL 508; CSA-C22.2 No.14-05; CE marking
UL File No.	E29184
UL CCN	NKCR
CSA File No.	012528
CSA Class No.	3211-03
NA Certification	UL Listed, CSA certified

AC operation

Part no.
Article no.

Price
See price list

Std. pack

Circuit symbol

DC operation

Part no.
Article no.

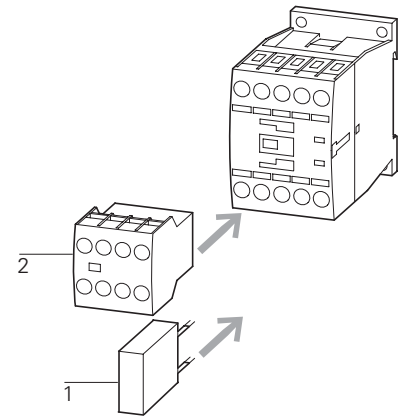
Price
See price list

Std. pack

Notes

DILA-40(230V50Hz) 276329	1 off 		DILA-40(24VDC) 276344	1 off
DILA-31(230V50Hz) 276364	1 off 		DILA-31(24VDC) 276379	
DILA-22(230V50Hz) 276399	1 off 		DILA-22(24VDC) 276414	

With screw terminals:



Accessories

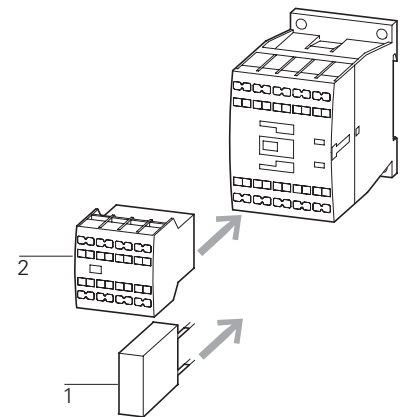
- 1 Suppressor
- 2 Auxiliary contact modules
- Further actuating voltages

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DILAC-40(230V50Hz) 276441	1 off 		DILAC-40(24VDC) 276456	1 off
DILAC-31(230V50Hz) 276473	1 off 		DILAC-31(24VDC) 276488	
DILAC-22(230V50Hz) 276505	1 off 		DILAC-22(24VDC) 276520	

With spring-loaded terminals:



Accessories

- 1 Suppressor
- 2 Auxiliary contact modules
- Further actuating voltages

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1.1

Contactor relays Auxiliary contact modules

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DILA...XHI... DILA auxiliary contact modules

Contact	Rated operational current	Conventional thermal current	Circuit symbol
N/O = normally open contact S _F = NO early-make NC = normally closed contact Ö _S = NC late-break	AC-15 220 V 380 V 230 V 400 V 240 V 415 V I _e I _e A A	I _{th} A	

Screw terminals



2 pole	–	–	2 NC	–	4	4	16	
	1 N/O	–	1 NC	–	4	4	16	
	2 N/O	–	–	–	4	4	16	
	–	1 S _F	–	1 Ö _S	4	4	16	

Screw terminals



4 pole	–	–	4 NC	–	4	4	16	
	1 N/O	–	3 NC	–	4	4	16	
	2 N/O	–	2 NC	–	4	4	16	
	3 N/O	–	1 NC	–	4	4	16	
	4 N/O	–	–	–	4	4	16	
	1 N/O	1 S _F	1 NC	1 Ö _S	4	4	16	

Spring-loaded terminals



2 pole	–	–	2 NC	–	4	4	16	
	1 N/O	–	1 NC	–	4	4	16	
	2 N/O	–	–	–	4	4	16	
	–	1 S _F	–	1 Ö _S	4	4	16	

Spring-loaded terminals











































4 pole	–	–	4 NC	–	4	4	16	
	1 N/O	–	3 NC	–	4	4	16	
	2 N/O	–	2 NC	–	4	4	16	
	3 N/O	–	1 NC	–	4	4	16	
	4 N/O	–	–	–	4	4	16	
	1 N/O	1 S _F	1 NC	1 Ö _S	4	4	16	

Information relevant for export to North America



Product Standards	IEC/EN 60947-4-1; UL 508; CSA-C22.2 No.14-05; CE marking
UL File No.	E29184
UL CCN	NKCR
CSA File No.	012528
CSA Class No.	3211-03
NA Certification	UL Listed, CSA certified

Distinctive number/type of combinations			Part no. Article no.	Price See price list	Std. pack	Description	Notes	
DILA(C)-40	DILA(C)-31	DILA(C)-22						
42E	33	24	DILA-XHI02 276420		5 off  	With interlocked opposing contacts	Type E combinations comply with EN 50011 and must be given preference. The other combinations comply with EN 50005 The DC operated contactor DILA(C)-22 must only be combined with 2 pole auxiliary contacts.	
51E	42	33	DILA-XHI11 276421		5 off  	With interlocked opposing contacts		
60E	51	42	DILA-XHI20 276422		5 off  	With interlocked opposing contacts		
51	42	33	DILA-XHIV11 276423		5 off  	–		
44E	35	26	DILA-XHI04 276424		5 off  	With interlocked opposing contacts		
53E	44	35	DILA-XHI13 276425		5 off  	With interlocked opposing contacts		
62E	53	44	DILA-XHI22 276426		5 off  	With interlocked opposing contacts		
71E	62	53	DILA-XHI31 276427		5 off  	With interlocked opposing contacts		
80E	71	62	DILA-XHI40 276428		5 off  	With interlocked opposing contacts		
62	53	44	DILA-XHIV22 276429		5 off  	–		
42E	33	24	DILA-XHIC02 276526		5 off  	With interlocked opposing contacts		Type E combinations comply with EN 50011 and must be given preference. The other combinations comply with EN 50005 The DC operated contactor DILA(C)-22 must only be combined with 2 pole auxiliary contacts.
51E	42	33	DILA-XHIC11 276527		5 off  	With interlocked opposing contacts		
60E	51	42	DILA-XHIC20 276528		5 off  	With interlocked opposing contacts		
51	42	33	DILA-XHICV11 276529		5 off  	–		
44E	35	26	DILA-XHIC04 276530		5 off  	With interlocked opposing contacts		
53E	44	35	DILA-XHIC13 276531		5 off  	With interlocked opposing contacts		
62E	53	44	DILA-XHIC22 276532		5 off  	With interlocked opposing contacts		
71E	62	53	DILA-XHIC31 276533		5 off  	With interlocked opposing contacts		
80E	71	62	DILA-XHIC40 276534		5 off  	With interlocked opposing contacts		
62	53	44	DILA-XHICV22 276535		5 off  	–		