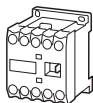


	Ordering	
	Mini contactor relays DILER, DILEEM, DILEM	
	Mini contactor relays, contactors	2
	Auxiliary contact modules	6
	Accessories	8
	Actuating voltages	66
	DILA contactor relays	
	Contactor relays	10
	Auxiliary contact modules	12
	Actuating voltages	68
	Technical overview	
	Contactors DILM, DILH	14
	System overview	
	Contactors DILM, DILH	16
	Ordering	
	Contactors DILM, DILH	
	Basic devices up to 170 A	18
	Complete units up to 170 A	24
	Standard devices greater than 170 A	28
	Comfort devices greater than 170 A	30
	Basic devices up to 200 A, 4 pole	34
	Auxiliary contact modules	36
	Engineering	
	Auxiliary contact modules	40
	Ordering	
	DILK contactors for capacitors	41
	Engineering	
	Contactors for power factor correction	42
	Ordering	
	Star-delta combinations SDAINL	44
	Engineering	
	Star-delta combinations SDAINL	46
	Ordering	
	DIUL reversing combinations	48
	Description	
	CMD contactor monitoring device	64
	Ordering	
	CMD contactor monitoring device	64

	Ordering	
	DILM contactor relays, DILM, DILH contactors	
	suppressor circuit	50
	Accessories	52
	Ordering	
	Actuating voltages contactors DILM, DILH	
	Basic devices up to 170 A	69
	Basic devices up to 200 A, 4 pole	74
	Contactors up to 150 A	
	with electronic actuation	76
	Replacement coils	71
	Comfort devices greater than 170 A	77
	Standard devices greater than 170 A	77
	Electronic modules including coil	77
	Contactors for capacitors	77
	Engineering	
	Contact travel diagrams	78
	Enclosure	79
	UL/CSA-approved rating data	80
	UL/CSA special purpose ratings	81
	UL/CSA short circuit current rating	82
	Contactors for resistive loads	84
	Electrical life span	86
	Short-time loading	90
	Operating frequency	91
	Switching of DC current	92
	Technical data	
	Mini contactor relays, contactor relays	93
	Contactor monitoring device	96
	Basic devices up to 170 A	104
	Basic devices up to 200 A, 4 pole	120
	Comfort devices greater than 170 A	112
	Standard devices greater than 170 A	112
	Contactors for capacitors	123
	Contactors up to 150 A	
	with electronic actuation	126
	Lighting contactors	125
	Auxiliary contact modules	128
	Accessories	128
	Dimensions	
	Mini contactor relays	130
	Contactor relays	131
	Basic devices up to 170 A	131
	Basic devices up to 200 A, 4 pole	133
	Contactors larger than 170 A	134
	Contactors for capacitors	136
	Lighting contactors	136
	Contactor combinations	137
	Accessories	138

1 Ordering

Screw terminals



DILER mini contactor relays

Rated operational current AC-15		Conventional free air thermal current	Contact N/O = normally open contact NC = normally closed contact		Distinctive number	Circuit symbol	For use with
220 V	380 V	I_{th} A	4 N/O	—	40E		DILE...
230 V	400 V						
240 V	415 V						
I_e A	I_e A	10	3 N/O	1 NC	31E		DILE...
6	3						
			2 N/O	2 NC	22E		DILE...

Notes

Coil terminal marking as specified in EN 50005

Contact numbers to EN 50011

The following applies to DC-operated contactors:

- Integrated diode-resistor combination
- Coil rating 2.6 W

Information relevant for export to North America



Product Standards

IEC/EN 60947-4-1; UL508; 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