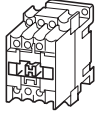
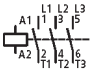
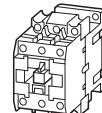
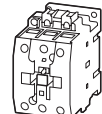
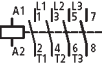
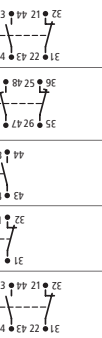
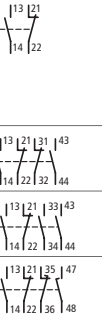


DIL Contactors Basic Devices, Modules

	Rating data							General purpose continuous current open/ enclosed	IEC/EN 60 947 Max. 3-phase motor ratings (kW)			Standard auxiliary contacts		Terminal markings			
	UL/CSA max. Horsepower rating 50/60 Hz								A	220 V 230 V	380 V 400 V	660 V 690 V	N.O. = normally open N.C. = normally closed		Circuit diagram		
	1 phase			3 phase													
	115 V	200 V	230 V	200 V	230 V	460 V	575 V		kW	kW	kW ¹⁾	N.O.	N.C.				
Basic devices																	
	3-pole			1/2	1	1 1/2	3	3	5	7 1/2	20/18	2.2	4	5.5	-	-	
	1/2	1	1 1/2	3	3	5	7 1/2	20/18	2.2	4	5.5	1	-				
	1/2	1	1 1/2	3	3	5	7 1/2	20/18	2.2	4	5.5	-	1				
	1	2	2	3	3	7 1/2	10	20/18	3	5.5	7.5	-	-				
	1	2	2	3	3	7 1/2	10	20/18	3	5.5	7.5	1	-				
	1	2	2	3	3	7 1/2	10	20/18	3	5.5	7.5	-	1				
		2	2	3	7 1/2	7 1/2	10	15	35/31	4	7.5	11	-	-			
		2	3	5	7 1/2	10	15	20	35/31	5.5	11	15	-	-			
		3	5	5	10	10	20	25	55/50	7.5	15	18.5	-	-			
		3	5	7 1/2	10	15	25	30	55/50	11	18.5	22	-	-			
3		7 1/2	10	15	20	40	40	90/81	15	22	30	-	-				
5		10	15	20	25	50	50	90/81	18.5	30	37	-	-				
4-pole			1/2	1	1 1/2	3	3	5	7 1/2	20/18	2.2	4	5.5	-	-		
Auxiliary contact modules																	
Side mounting										10				1	1		
										10				1 ²⁾	1 ²⁾		
										15				1	-		
														-	1		
														1	1		
Top mounting														1	1		
														2	2		
														3	1		
														2 ²⁾	2 ²⁾		

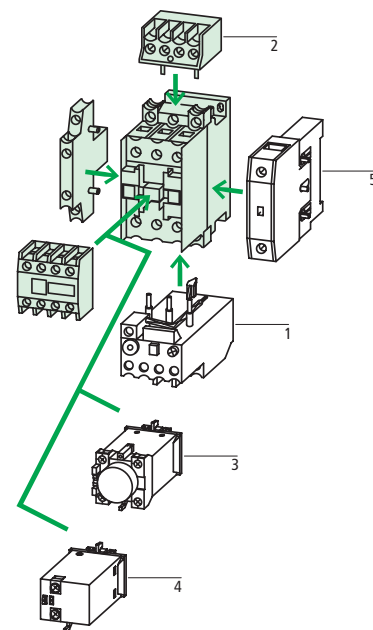
DIL Contactors

Basic Devices, Modules

UL / CSA / IEC / CE

Combination options	AC operation		DC operation	
	Type Article No.	Price see price list	Type Article No.	Price see price list
	Coil voltages shown in (...) For other coil voltages, → page 03/065		Coil voltages shown in (...) For other coil voltages, → page 03/065	
● -	DIL00M(120V60HZ) 060477		DIL00M-G(24VDC) 048587	
● -	DIL00M-10(120V60HZ) 046643		DIL00M-G-10(24VDC) 048670	
● -	DIL00M-01(120V60HZ) 046651		DIL00M-G-01(24VDC) 048665	
● -	DIL00AM(120V60HZ) 061222		DIL00AM-G(24VDC) 048567	
● -	DIL00AM-10(120V60HZ) 046675		DIL00AM-G-10(24VDC) 048650	
● -	DIL00AM-01(120V60HZ) 046683		DIL00AM-G-01(24VDC) 048645	
- ● ³⁾	DIL0M(120V60HZ) 061254		DIL0M-G(24VDC) ³⁾ 048597	
- ● ³⁾	DIL0AM(120V60HZ) 061262		DIL0AM-G(24VDC) ³⁾ 048592	
- ●	DIL1M(120V60HZ) 061270		DIL1M-G(24VDC) 048605	
- ●	DIL1AM(120V60HZ) 061427		DIL1AM-G(24VDC) 048602	
- ●	DIL2M(120V60HZ) 046563		DIL2M-G(24VDC) 048615	
- ●	DIL2AM(120V60HZ) 046571		DIL2AM-G(24VDC) 048610	
● -	DIL00M4(120V60HZ) 046926		DIL00M4-G(24VDC) 063171	
- ●	DILM820-XHI11-SI 208281		DILM820-XHI11-SI 208281	
- ●	DILM820-XHI11V-SI ²⁾ 208283		DILM820-XHI11V-SI ²⁾ 208283	
- ●	10SDILM 089080		10SDILM 089080	
- ●	01SDILM 001930		01SDILM 001930	
- ●	11SDILM 024626		11SDILM 024626	
● ●	11DILM 017507		11DILM 017507	
● ●	22DILM 019880		22DILM 019880	
● ●	31DILM 022253		31DILM 022253	
● ●	22DDILM ²⁾ 026999		22DDILM ²⁾ 026999	

Notes



Accessories

Accessories	Page
1 Overload relay	04/004
2 Interface module or suppressor module	03/059 03/053
3 Pneumatic timer module	03/057
4 Mechanical latching module	03/057
5 Additional 4th pole (DIL0M(-G) to DIL2AM(-G))	03/057
Additional auxiliary contact modules	02/010
Accessories	03/053
Other operating voltages	03/065 03/066

DILM820-XHI... auxiliary contacts cannot be combined with auxiliary contact module ...SDILM

Auxiliary contacts for side mounting can be combined with auxiliary contacts for top mounting up to a maximum of 5 contacts.

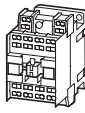
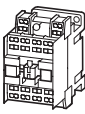
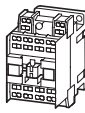
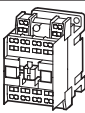
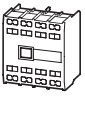
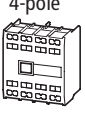
Maximum of one side-mounting auxiliary contact module on either side.

Notes:

- ¹⁾ Do not reverse directly
- ²⁾ 1 early-make contact, 1 late-break contact
- ³⁾ Do not combine a DIL0(A)M-G with a DILM820-XHI...

DIL Contactors

Basic devices, modules with cage clamp

	Rating data							General purpose continuous current open/ enclosed	IEC/EN 60 947 Max. 3-phase motor ratings (kW)			Standard auxiliary contacts	
	UL/CSA max. horsepower rating 50/60 Hz								A	AC-3			N.O. = normally open N.C. = normally closed
	1 phase			3 phase						220 V	380 V	660 V	
	115V	200V	230V	200V	230V	460V	575V		230 V	400 V	690 V	N.O.	N.C.
	HP	HP	HP	HP	HP	HP	HP		kW	kW	kW		
Basic devices													
	1/2	1	1 1/2	3	3	5	7 1/2	20/18	2,2	4	5,5	1	-
	1/2	1	1 1/2	3	3	5	7 1/2	20/18	2,2	4	5,5	-	1
	1	2	2	3	3	7 1/2	10	20/18	3	5,5	7,5	1	-
	1	2	2	3	3	7 1/2	10	20/18	3	5,5	7,5	-	1
Basic devices with integrated surge suppressor													
	1/2	1	1 1/2	3	3	5	7 1/2	20/18	2,2	4	5,5	1	-
	1/2	1	1 1/2	3	3	5	7 1/2	20/18	2,2	4	5,5	-	1
	1	2	2	3	3	7 1/2	10	20/18	3	5,5	7,5	1	-
	1	2	2	3	3	7 1/2	10	20/18	3	5,5	7,5	-	1
Auxiliary contact modules													
4-pole								15				2	2
												3	1
												2 ²⁾	2 ²⁾
4-pole												-	4
												1	3
												2	2
												3	1
												4	-

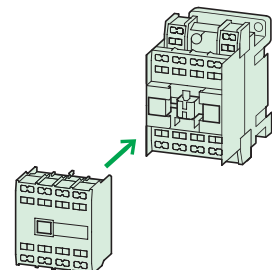
Notes:

- ¹⁾ do not reverse directly
- ²⁾ 1 early-make contact, 1 late-break contact
- ³⁾ double contact markings when using a ...DILM-C auxiliary contact

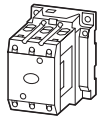

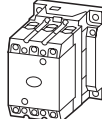
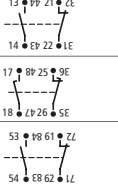

DIL Contactors

UL / CSA / IEC / CE

Basic devices, modules with cage clamp

Terminal markings	AC operation		DC operation		Notes
	Type Article No.	Price see price list	Type Article No.	Price see price list	
Circuit diagram					
	3) DIL00M-10-C(120V60HZ) 231703		DIL00M-G-10-C(24VDC) 230169		 Accessories 3 Pneumatic timer module 4 Mechanical latching module Accessories Other operating voltages
	3) DIL00M-01-C(120V60HZ) 231725		DIL00M-G-01-C(24VDC) 230171		
	3) DIL00AM-10-C(120V60HZ) 231747		DIL00AM-G-10-C(24VDC) 230173		
	3) DIL00AM-01-C(120V60HZ) 231770		DIL00AM-G-01-C(24VDC) 230175		
	3) DIL00M-10-C(120V60HZ-Z) 231999		DIL00M-G-10-C(24VDC-Z) 232002		
	3) DIL00M-01-C(120V60HZ-Z) 232005		DIL00M-G-01-C(24VDC-Z) 232008		
	3) DIL00AM-10-C(120V60HZ-Z) 232011		DIL00AM-G-10-C(24VDC-Z) 232014		
	3) DIL00AM-01-C(120V60HZ-Z) 232017		DIL00AM-G-01-C(24VDC-Z) 232020		
	22DILM-C 230271		22DILM-C 230271		
	31DILM-C 230275		31DILM-C 230275		
	22DDILM-C 230280		22DDILM-C 230280		
	04DIL-C 230282		04DIL-C 230282		
	13DIL-C 230284		13DIL-C 230284		
	22DIL-C 230286		22DIL-C 230286		
	31DIL-C 230289		31DIL-C 230289		
	40DIL-C 230290		40DIL-C 230290		

DIL Contactors
Basic Devices, Modules

	Rating data							General purpose continuous current open/enclosed	IEC/EN 60 947 Max. 3-phase motor ratings (kW)				Standard auxiliary contacts		Terminal markings
	UL/CSA max. Horsepower rating 50/60 Hz			3 phase					AC-3	220 V	380 V	660 V	1000 V	N.O. = normally open N.C. = normally closed	Circuit diagram
	1 phase	230 V	HP	200 V	230 V	460 V	575 V								
Basic devices															
	7 1/2	15	15	25	30	60	75	100/90	22	37	55	37			
	10	25	25	40	50	100	125	160/144	37	55	90	55			
Auxiliary contact modules															
Side mounting								10					1	1	
													1 1)	1 1)	
													1	1	

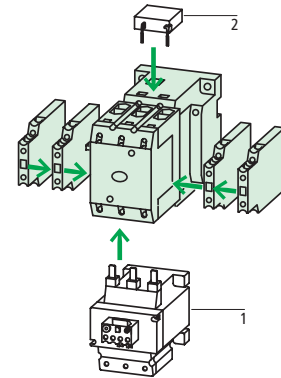
Notes 1) 1 early-make contact, 1 late-break contact

DIL Contactors
Basic Devices, Modules

UL / CSA / IEC / CE

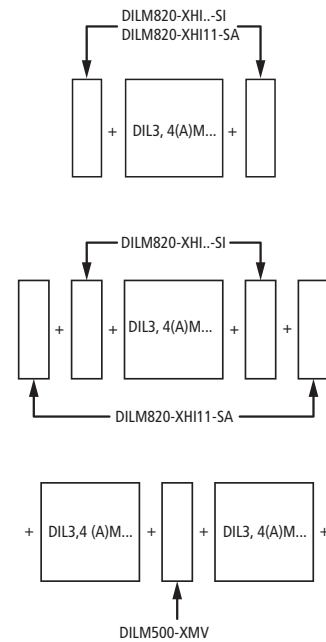
Combination options	AC operation		DC operation	
	Type Article No.	Price see price list	Type Article No.	Price see price list
	Coil voltages shown in (...) For other coil voltages, → page 03/066		Coil voltages shown in (...) For other coil voltages, → page 03/066	
●	DIL3M80(120V60HZ) 209691		DIL3M80(24VDC) 209709	
●	DIL4M115(120V60HZ) 209750		DIL4M115(24VDC) 209765	
●	DILM820-XHI11-SI 208281		DILM820-XHI11-SI 208281	
●	DILM820-XHI11V-SI¹⁾ 208283		DILM820-XHI11V-SI¹⁾ 208283	
●	DILM820-XHI11-SA 208282		DILM820-XHI11-SA 208282	

Notes



Accessories	Page
1 Overload relay	04/004
2 Suppressor	03/053
Accessories	03/053

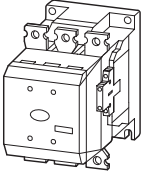
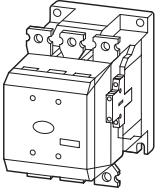
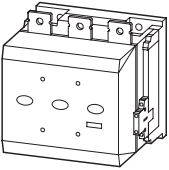
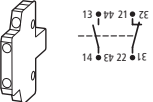
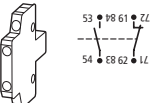
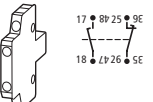
Auxiliary contact mounting options:



The contactors can be snap-mounted onto a 75mm DIN rail to EN 50 023.
DC operated contactors are supplied as standard with a varistor surge suppressor.
Up to 8 auxiliary contacts possible, but only up to 4 N.C. contacts or 4 N.O. contacts.
No auxiliary contacts can be mounted between the mechanical interlock and the contactor

DIL Contactors

Units complete with auxiliary contacts

	Rating data								General purpose continuous current open/enclosed	IEC/EN 60 947 Max. 3-phase motor ratings (kW) AC-3				
	UL/CSA max. Horsepower rating 50/60 Hz									A				
	1 phase			3 phase				220 V			380 V	660 V	1000 V	
	115 V	200 V	230 V	200 V	230 V	460 V	575 V		230 V	400 V	690 V	1000 V		
	HP	HP	HP	HP	HP	HP	HP		kW	kW	kW	kW		
	-	-	-	50	60	125	150	225/ ³⁾	55	90	175	108		
	-	-	-	60	75	150	200	250/ ³⁾	70	110	215	108		
	-	-	-	75	100	200	250	350/ ³⁾	75	132	240	108		
	-	-	-	100	125	250	300	350/ ³⁾	90	160	286	132		
	-	-	-	125	150	300	400	450/ ³⁾	125	200	344	132		
	-	-	-	150	200	400	500	550/ ³⁾	155	250	344	132		
	-	-	-	200	200	400	600	630/ ³⁾	185	315	560	600		
	-	-	-	200	250	500	600	700/ ³⁾	205	355	630	600		
	-	-	-	250	300	600	700	800/ ³⁾	240	400	720	800		
	-	-	-	290	350	700	860	850/ ³⁾	260	450	750	800		
Auxiliary contacts														
Right or left, internal														
									10					
Right or left, external														
									10					
Right or left, internal														
									10					

Notes:

- 1) 110 - 250 V AC/DC
- 2) 24 - 48 V DC
- 3) Consult Moeller Electric

DIL Contactors

Units complete with auxiliary contacts

UL / CSA / IEC / CE

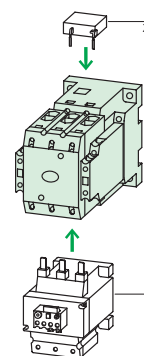
Magnetic Contactors,
Magnetic Starters

AC operation		DC operation	
Type	Price	Type	Price
Article No.	see price list	Article No.	see price list
Coil voltages shown in (...) For other coil voltages, → pages 03/068, 069		Coil voltages shown in (...) For other coil voltages, → pages 03/068, 069	
DILM185/22(RA250) ¹⁾ 208193		DILM185/22(RDC48) ²⁾ 208191	
DILM225/22(RA250) ¹⁾ 208197		DILM225/22(RDC48) ²⁾ 208195	
DILM250/22(RA250) ¹⁾ 208201		DILM250/22(RDC48) ²⁾ 208199	
DILM300/22(RA250) ¹⁾ 208205		DILM300/22(RDC48) ²⁾ 208203	
DILM400/22(RA250) ¹⁾ 208209		DILM400/22(RDC48) ²⁾ 208207	
DILM500/22(RA250) ¹⁾ 208213		DILM500/22(RDC48) ²⁾ 208211	
DILM580/22(RA250) ¹⁾ 208216		DILM580/22(RA250) ¹⁾ 208216	
DILM650/22(RA250) ¹⁾ 208219		DILM650/22(RA250) ¹⁾ 208219	
DILM750/22(RA250) ¹⁾ 208222		DILM750/22(RA250) ¹⁾ 208222	
DILM820/22(RA250) ¹⁾ 208225		DILM820/22(RA250) ¹⁾ 208225	
DILM820-XHI11-SI 208281		DILM820-XHI11-SI 208281	
DILM820-XHI11-SA 208282		DILM820-XHI11-SA 208282	
DILM820-XHI11V-SI 208283		DILM820-XHI11V-SI 208283	

Notes:

DIL3M80 to DIL4AM145:

Accessories	Page
1 Overload relay	04/004
2 Suppressor	03/053
Accessories	03/053
Other operating voltages	03/068, 03/069

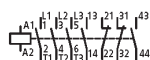


Terminal markings

Coil to EN 50 005
Contacts to EN 50 005 + EN 50 012

DIL3(A)M80/85 and DIL4(A)M115/145 can be snap-mounted onto 75mm DIN rail to EN 50 023

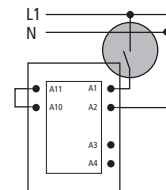
DC operated contactors DIL3M80 to DIL4AM145 and all contactors DILM185 to DILM820 have an integral suppressor circuit. When operating DILM580 to DILM820 with frequency inverter, the suppressor circuit on the load side must be removed.



Operating options: DILM185-820 with electronically controlled magnet systems

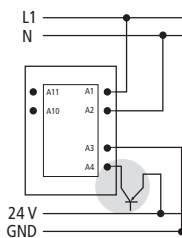
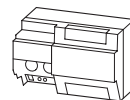
Conventional:

A1/A2 have voltage applied, as normal.



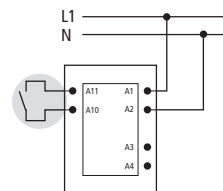
Direct from the PLC:

A 24V output from the PLC can be connected directly to the A3/A4 terminals



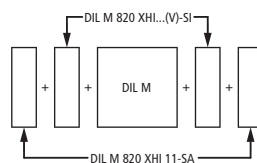
From low level input devices:

Low-consumption command devices such as printed circuit board relays, control circuit devices or position switches can be connected directly to A10/A11.



Auxiliary contact modules mounting options:

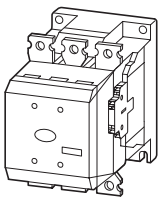
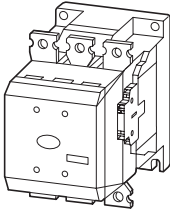
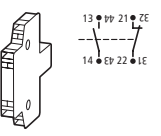
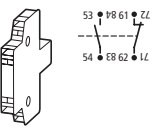
Max. 8 auxiliary contacts possible



DILM820-XHI11V-SI with 1 early-make and 1 late-break contact.

No auxiliary contacts can be mounted between the mechanical interlock and the contactor.

DIL Contactors
Units complete with auxiliary contacts

	Rating data UL/CSA max. Horsepower rating50/60Hz				General purpose continuous current open	IEC/EN 60 947 Max. 3-phase motor ratings (kW)				AC operation		
	3-phase					A	AC-3				Type Article No.	Price see price list
	200V	230V	460V	575 V			220 V	380 V	660 V	1000 V		
	HP	HP	HP	HP			230 V	400 V	690 V			
					kW	kW	kW	kW				
	50	60	125	150	225	55	90	175	108	DILMC185/22(RA250) ¹⁾ 217963		
	60	75	150	200	250	70	110	215	108	DILMC225/22(RA250) ¹⁾ 217966		
	75	100	200	250	350	75	132	240	108	DILMC250/22(RA250) ¹⁾ 217969		
	100	125	250	300	350	90	160	286	132	DILMC300/22(RA250) ¹⁾ 217972		
	125	150	300	400	450	125	200	344	132	DILMC400/22(RA250) ¹⁾ 217975		
	150	200	400	500	550	155	250	344	132	DILMC500/22(RA250) ¹⁾ 217978		
Auxiliary contacts												
right or left internal					10					DILM820-XHI-C11-SI 229513		
												
right or left external					10					DILM820-XHI-C11-SA 229512		
												

Notes

- 1) 110 – 250 V AC/DC
- 2) 24 – 48 V DC

DIL Contactors

Units complete with auxiliary contacts

UL / CSA / IEC / CE

Magnetic Contactors,
Magnetic Starters

DC operation

Notes

Type
Article No. Price
see price list

DILMC185/22(RDC48)²⁾
229657
DILMC225/22(RDC48)²⁾
229658
DILMC250/22(RDC48)²⁾
229659

DILMC300/22(RDC48)²⁾
229660
DILMC400/22(RDC48)²⁾
229661
DILMC500/22(RDC48)²⁾
229662

DILM820-XHI-C11-SI
229513

DILM820-XHI-C11-SA
229512

Accessories
Accessories Page
Other operating voltages 03/053
03/070

Terminal markings
Coil to EN 50 005
Contacts to EN 50 005 and EN 50 012

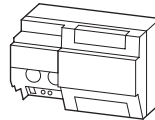
Contactors DILMC185 to DILMC500 have an integral suppressor circuit.



Operating systems: DILMC185-500

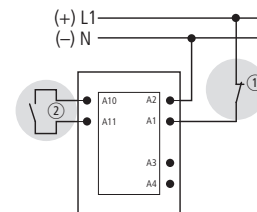
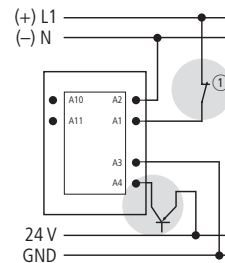
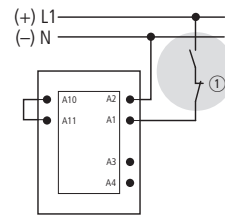
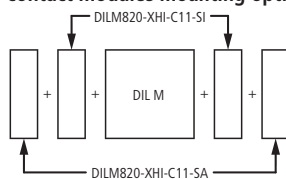
Conventional:
A1/A2 have voltage applied as normal.

Direct from the PLC:
A 24V output from the PLC can be connected directly to the A3/A4 terminals.



From low level input devices:
Low level input devices such as printed circuit board relays, control circuit devices or position switches can be connected directly to A10/A11.

Auxiliary contact modules mounting options:



- ① Standstill in emergency (Emergency-Off)
- ② max. capacity of conductor: 6 nF

Max. 8 auxiliary contacts possible

No auxiliary contacts can be mounted between the mechanical interlock and the contactor..

DIL Contactors

Contactors for 3-phase capacitors

				Circuit with quick discharge resistor		Type Article No.	Price see price list	Accessories required			
								Auxiliary contact module for side mounting	Quick discharge resistor		
Three-phase capacitors 50 – 60 Hz											
240V	480V	600V	kvar					kvar	kvar	Type	Type
With series resistors											
Basic units											
open				10	12	15					
				6	-	-	-		-		
										-	
				15	17	25	2 × 01SDILM		EWDIL		
				25	25	36	2 × 01SDILM		EWDIL		
				30	35	60	2 × 01SDILM		EWDIL		
Auxiliary contact modules											
General purpose continuous current = 10 A											
Side mounting											
				1 N.O. contact		-		-		-	
				1 N.C. contact		-		-		-	

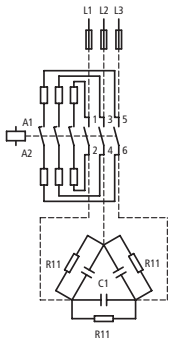
DIL Contactors

Contactors for 3-phase capacitors

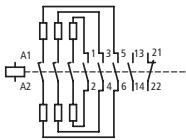
UL / CSA / IEC / CE

Magnetic Contactors,
Magnetic Starters

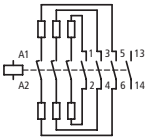
Circuit without quick discharge resistor



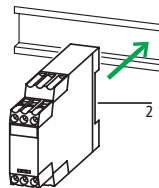
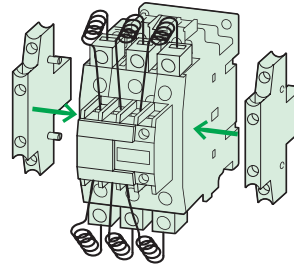
Type Article No.	Price see price list	Notes



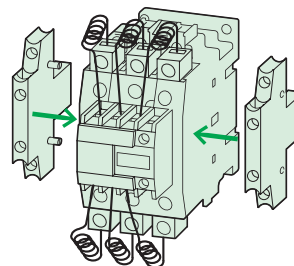
DIL00MK-11(120V60HZ) 047020		Welding-safe for capacitors with inrush peaks up to $180 \times I_N$
---------------------------------------	--	---



DIL0MK-10(120V60HZ) 047042		with quick discharge resistor:
DIL1MK-10(120V60HZ) 047052		
DIL2MK-10(120V60HZ) 047062		



without quick discharge resistor:



10SDILM 089080		
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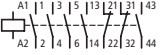


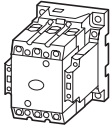
01SDILM 001930		
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Accessories	Page
2 Quick discharge resistor	03/057
Accessories	03/053
Application notes	03/025
Other operating voltages	03/071

DIL Contactors

Contactors for Three-phase capacitors

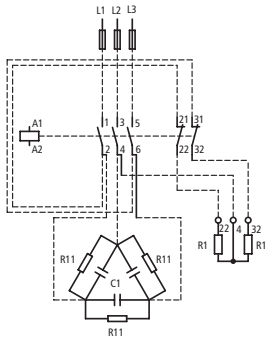
Three-phase capacitors 50 – 60 Hz				Circuit diagram	Circuit with or without quick discharge resistor		Required accessories	
240V	480V	600V	Type		Price	Quick discharge resistor	Added terminals	
kvar	kvar	kvar			see price list	Type	Type	Circuit (a)
Without series resistors								
open								
	50	75			DIL3MK72/22(120V60HZ) 209974	EWDIL	3 × ZKDILM	



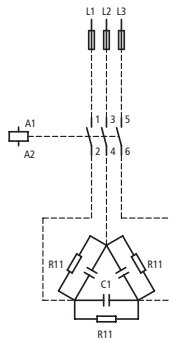
DIL Contactors

Contactors for Three-phase capacitors

Application notes

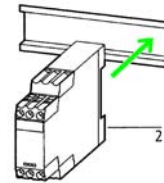
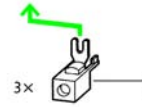
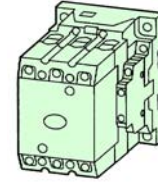


a) Circuit with quick discharge resistor



b) Circuit without quick discharge resistor

DIL3MK72/22
with quick discharge resistor::



Accessories	Page
1 Extension terminal	06/056
2 Quick discharge resistor	06/057
Accessories	03/053
Other operating voltages	03/071

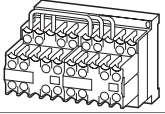
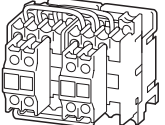
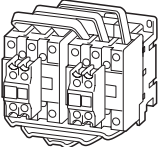
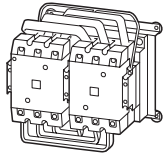
In the case of group compensation, multi-step capacitor banks are connected to the main supply, as required. In the process, transient currents of up to $180 \times I_e$ can flow between the capacitors.

Contactors with series resistors → page 03/022

The contactors are pre-charged via the early-make auxiliary contacts and the mounted wire resistors, thereby reducing the inrush current. The main contacts then close after a time lag and carry the uninterrupted current. Due to their special contacts, capacitor contactors are weld-resistant for capacitors with inrush current peaks up to $180 \times I_e$. Through the use of quick discharge resistors, the danger of a full discharge in the event of rapidly recurring closure can be excluded. The resultant discharge times are 0,2 s. The resistor is switched by means of two auxiliary contacts of the contactor.

DIL Contactors

Reversing Contactor Combinations

	Rating data							AC operation	
	UL/CSA maximum Horsepower rating (HP) 50/60Hz				IEC/EN 60 947 Max. 3-phase motor ratings (kW) 50/60 Hz			Type	Price
	3 phase				AC-3				
200 V	230 V	460 V	575 V	220 V	380 V	660 V	Article No. Coil voltages shown in (...) For other coil voltages, → page 03/070	see price list	
HP	HP	HP	HP	kW	kW	kW			
Reversing contactors									
	2	3	5	5	2.2	4	4	DIULEM/21/MV(120V60HZ) 051846	
	3	3	7 ½	10	3	5.5	–	DIUL00AM/11/MV(120V60HZ) 110199	
	7 ½	7 ½	10	15	4	7.5	–	DIUL0M/11/MV(120V60HZ) 110215	
	7 ½	10	15	20	5.5	11	–	DIUL0AM/11/MV(120V60HZ) 110231	
	10	10	20	25	7.5	15	–	DIUL1M/11/MV(120V60HZ) 110246	
	10	15	25	30	11	18.5	–	DIUL1AM/11/MV(120V60HZ) 110246	
	15	20	40	40	15	22	–	DIUL2M/11/MV(120V60HZ) 110262	
	20	25	50	50	18.5	30	–	DIUL2AM/11/MV(120V60HZ) 110262	
	25	30	60	75	22	37	55	DIUL3M80/11/XMV(120V60HZ) 110262	
	40	50	100	125	37	55	90	DIUL4M115/11/XMV(120V60HZ) 110262	

DIL Contactors

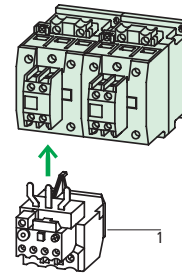
Reversing Contactor Combinations

UL / CSA / IEC / CE

Individual components of the combination

Contactor	Contactor	Spare auxiliary contacts		Mechanical interlock
Type	Type			
DILEM-10 + 11DILEM	DILEM-10 + 11DILEM			+
DIL00AM + 11DILM	DIL00AM + 11DILM	-	-	+
DIL0M + 11DILM	DIL0M + 11DILM	-	-	+
DIL0AM + 11DILM	DIL0AM + 11DILM	-	-	+
DIL1M + 11DILM	DIL1M + 11DILM	-	-	+
DIL1AM + 11DILM	DIL1AM + 11DILM	-	-	+
DIL2M + 11DILM	DIL2M + 11DILM	-	-	+
DIL2AM + 11DILM	DIL2AM + 11DILM	-	-	+
DIL3M80 + DILM820-XHI11-SI	DIL3M80 + DILM820-XHI11-SI	-	-	+
DIL4M115 + DILM820-XHI11-SI	DIL4M115 + DILM820-XHI11-SI	-	-	+

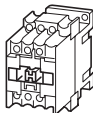
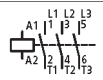
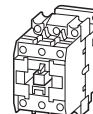
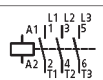
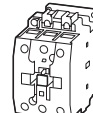
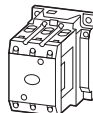
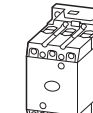
Notes:



Accessories	Page
1 Overload relay	04/004
Accessories	03/053
Other operating voltages	03/072

Magnetic Contactors,
Magnetic Starters

DIL Contactors
For DC Loads, AC and DC operated

	Rating data UL/CSA max. DC Horsepower rating 3 pole		General purpose continuous current open/ enclosed	Standard auxiliary contacts	Terminal markings
	125 V	250 V	A	N.O. = normally open N.C. = normally closed	
	HP	HP		N.O. N.C.	Circuit diagram
Basic devices					
	1	2	20/18	→ page 03/012	
	1 1/2	3	20/18		
	2	5	35/31	→ page 03/016	
	2	5	35/31		
	5	10	55/50		
	5	10	55/50		
	7 1/2	15	90/81		
	10	20	90/81		
	10	20	100/90		
	10	20	100/90		
	15	30	160/144		
	15	30	160/144		

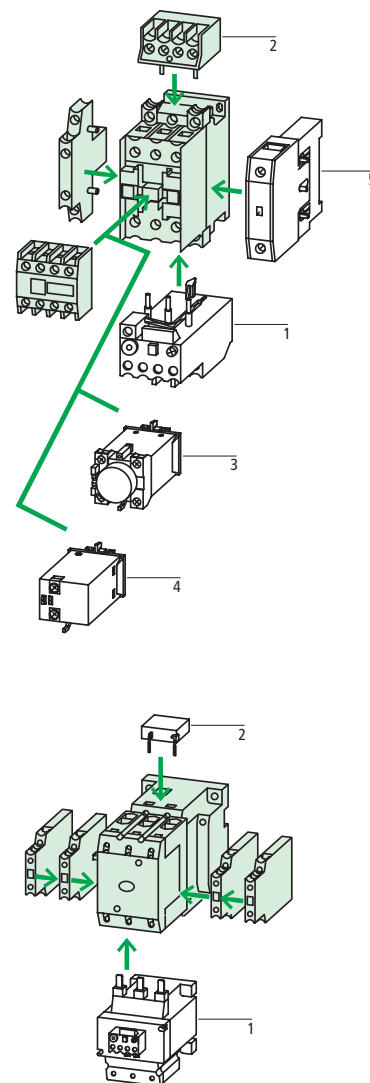
DIL Contactors
For DC Loads, AC and DC operated

UL / CSA / IEC / CE

Magnetic Contactors,
Magnetic Starters

AC operation		DC operation	
Type	Price	Type	Price
Article No.	see price list	Article No.	see price list
Coil voltages shown in (...) For other coil voltages, → pages 03/066, 067		Coil voltages shown in (...) For other coil voltages, → pages 03/066, 067	
DIL00M(120V60HZ) 060477		DIL00M-G(24VDC) 048587	
DIL00AM(120V60HZ) 061222		DIL00AM-G(24VDC) 048567	
DIL0M(120V60HZ) 061254		DIL0M-G(24VDC) 048597	
DIL0AM(120V60HZ) 061262		DIL0AM-G(24VDC) 048592	
DIL1M(120V60HZ) 061270		DIL1M-G(24VDC) 048605	
DIL1AM(120V60HZ) 061427		DIL1AM-G(24VDC) 048602	
DIL2M(120V60HZ) 046563		DIL2M-G(24VDC) 048615	
DIL2AM(120V60HZ) 046571		DIL2AM-G(24VDC) 048610	
DIL3M80(120V60HZ) 209691		DIL3M80(24VDC) 209709	
DIL3AM85(120V60HZ) 209723		DIL3AM85(24VDC) 209737	
DIL4M115(120V60HZ) 209750		DIL4M115(24VDC) 209765	
DIL4AM145(120V60HZ) 209778		DIL4AM145(24VDC) 209792	

Notes



Accessories	Page
1Overload relay	04/004
2Interface module or suppressor module	03/059
3Pneumatic timer module	03/057
4Mechanical latching module	03/057
5Additional 4th pole from DIL0M(-G)	03/057
Additional auxiliary contact modules	02/010
Accessories	03/053
Other operating voltages	03/066
	03/067