

DIL contactors
3-pole, 4-pole basic units

Contactors

Rated operational current	Max. rating for three-phase motors, 50 – 60 Hz								Conventional thermal current $I_{th} = I_e$ AC-1		Circuit symbol
	AC-3				AC-4				Open	Enclosed	
380 V 400 V I_e A	220 V 230 V P kW	380 V 400 V P kW	660 V 690 V P kW	1000V P kW	220 V 230 V P kW	380 V 400 V P kW	660 V 690 V P kW	1000V P kW	$I_{th} = I_e$	$I_{th} = I_e$	

Basic units

4-pole	Screw terminals	8.8	2.2	4	5.5	–	1.5	3	4	–	20	16	
3-pole		8.8	2.2	4	5.5	–	1.5	3	4	–	20	16	
		8.8	2.2	4	5.5	–	1.5	3	4	–	20	16	
		8.8	2.2	4	5.5	–	1.5	3	4	–	20	16	
		12	3	5.5	7.5	–	2.2	4	5.5	–	20	16	
		12	3	5.5	7.5	–	2.2	4	5.5	–	20	16	
		12	3	5.5	7.5	–	2.2	4	5.5	–	20	16	
		15.5	4	7.5	7.5	–	2.2	4	5.5	–	20	16	
		15.5	4	7.5	7.5	–	2.2	4	5.5	–	20	16	
		15.5	4	7.5	7.5	–	2.2	4	5.5	–	20	16	
		15.5	4	7.5	11	–	3	5.5	7.5	–	35	30	
		22.5	5.5	11	15	–	4	7.5	11	–	35	30	
		30	7.5	15	18.5	–	5.5	11	15	–	55	44	
		36	11	18.5	22	–	7.5	15	18.5	–	55	44	
		43	15	22	30	–	11	18.5	22	–	90	80	
		58	18.5	30	37	–	15	22	30	–	90	80	
		72	22	37	55	37	18.5	30	45	30	100	90	
		85	25	45	75	45	22	37	45	37	100	90	
		104	37	55	90	55	26	45	55	45	160	140	
		142	45	75	110	65	30	55	75	55	160	140	

Notes

Motor rating AC-3, AC-4; 660/690 V and 1000 V: Do not reverse directly
The contactors DIL3M80 to DIL4AM145 can be snap-fitted onto a 75 mm top-hat rail to EN 50023.
DC operated contactors have an integrated suppressor (varistor).
Do not reverse directly for 660 V, 690 V and 1000 V.

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Can be combined with auxiliary contact module	AC operation Type Article no.	Price See Price List	DC operation Type Article no.	Price See Price List	Std. pack	Notes
	...DILM ...DIL		DIL00M4(230V50HZ) 046929	DIL00M4-G(24VDC) 063171	1 off	
	...DILM ...DIL		DIL00M(230V50HZ) 061217	DIL00M-G(24VDC) 048587		
	...DIL		DIL00M-10(230V50HZ) 046646	DIL00M-G-10(24VDC) 048670		
	...DIL		DIL00M-01(230V50HZ) 046654	DIL00M-G-01(24VDC) 048665		
	...DILM ...DIL		DIL00AM(230V50HZ) 061224	DIL00AM-G(24VDC) 048567		
	...DIL		DIL00AM-10(230V50HZ) 046678	DIL00AM-G-10(24VDC) 048650		
	...DIL		DIL00AM-01(230V50HZ) 046686	DIL00AM-G-01(24VDC) 048645		
	...DILM ...DIL		DIL00BM(230V50HZ) 061233	DIL00BM-G(24VDC) 048572		
	...DIL		DIL00BM-10(230V50HZ) 061241	DIL00BM-G-10(24VDC) 048582		
	...DIL		DIL00BM-01(230V50HZ) 061249	DIL00BM-G-01(24VDC) 048577		
DILM820- XHI...-SI	DIL0M(230V50HZ) 061257		DIL0M-G(24VDC) 048597			
...DILM	DIL0AM(230V50HZ) 061265		DIL0AM-G(24VDC) 048592			
...DIL	DIL1M(230V50HZ) 061273		DIL1M-G(24VDC) 048605			
...SDILM	DIL1AM(230V50HZ) 061457		DIL1AM-G(24VDC) 048602			
	DIL2M(230V50HZ) 046566		DIL2M-G(24VDC) 048615			
	DIL2AM(230V50HZ) 046574		DIL2AM-G(24VDC) 048610			
DILM820- XHI...	DIL3M80(230V50HZ) 209694		DIL3M80(24VDC) 209709			
	DIL3AM85(230V50HZ) 209726		DIL3AM85(24VDC) 209737			
	DIL4M115(230V50HZ) 209753		DIL4M115(24VDC) 209765			
	DIL4AM145(230V50HZ) 209781		DIL4AM145(24VDC) 209792			

Accessories	Page
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2 Amplifier modules or suppressor circuit	6/37, 32
3 Pneumatic timer modules	6/36
4 Mechanical latching modules	6/36
5 Additional 4th pole from DIL0M(-G)	6/36
6 Top mounting auxiliary contact	6/20
7 Side mounting auxiliary contact	6/21
Enclosure totally insulated	Electr. Catalogue
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1 Overload relay	7/4
2 Amplifier modules or suppressor circuit	6/37, 32
3 Side mounting auxiliary contacts	6/21
Other actuating voltages	6/41