

DILM185...DILM1600, DILH

Moeller HPL0211-2007/2008

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			Contactors			
			DILM185	DILM225 DILM250	DILM300 DILM400	
AC						
AC-4 duty						
Rated operational current AC-4 open, 50 – 60 Hz, 3 pole						
220/230 V	I_e	A	136	164 200	240 296	
240 V	I_e	A	136	164 200	240 296	
380/400 V	I_e	A	136	164 200	240 296	
415 V	I_e	A	136	164 200	240 296	
440 V	I_e	A	136	164 200	240 296	
500 V	I_e	A	136	164 200	240 296	
660/690 V	I_e	A	136	164 200	240 296	
1000 V	I_e	A	76	76 76	95 95	
Motor rating						
220/230 V	P	kW	41	51 62	75 92	
240 V	P	kW	45	54 68	82 101	
380/400 V	P	kW	75	90 110	132 160	
415 V	P	kW	80	96 117	142 176	
440 V	P	kW	85	102 125	140 186	
500 V	P	kW	96	116 143	172 214	
660/690 V	P	kW	127	155 189	229 283	
1000 V	P	kW	108	108 108	132 132	
Condensator operation						
Individual compensation, rated operational current I_e of three-phase capacitors						
open						
up to 525 V		A	220	220	307	
690 V		A	133	133	177	
Max. inrush current peak		$\times I_e$	30	30	30	
Component lifespan	Operations	$\times 10^6$	0.1	0.1	0.1	
Max. operating frequency		Ops/h	200	200	200	
DC						
Operations → Engineering DC circuits						
of three-phase capacitors open						
DC-1 operation						
60 V	I_e	A	300	300	400	
110 V	I_e	A	300	300	400	
220 V	I_e	A	300	300	400	
440 V	I_e	A	11	11	11	
DC-3 operation						
60 V	I_e	A	300	300	400	
110 V	I_e	A	300	300	400	
220 V	I_e	A	300	300	400	
DC-5 operation						
60 V	I_e	A	300	300	400	
110 V	I_e	A	300	300	400	
220 V	I_e	A	300	300	400	
Current heat loss (3 pole)						
Current heat loss at I_{th}		W	34	45 55	37 58	
Current heat loss at I_e to AC-3/400 V		W	16	23 28	21 37	

Notes

¹⁾ On request

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		DILM580 DILM650		DILM750 DILM820		DILM1000		DILM1600		DILH1400 DILH2000	
AC											
Rated operational current AC-4 open, 50 – 60 Hz, 3 pole											
360		456 512		576 656		800		1280			
360		456 512		576 656		800		1280			
360		456 512		576 656		800		1280			
360		456 512		576 656		800		1280			
360		456 512		576 656		800		1280			
360		456 512		576 656		800		1280			
296		456 512		576 656		800		1280			
95		348 348		464 464		700		¹⁾			
Motor rating											
112		143 161		181 209		260		430			
122		156 176		200 228		280		450			
200		250 280		315 355		450		750			
216		274 307		346 394		490		770			
229		290 326		367 418		520		830			
260		330 370		417 474		590		940			
344		440 494		556 633		780		1300			
132		509 509		678 678		1000		¹⁾			
DC											
Operations → Engineering DC circuits											
of three-phase capacitors open											
DC-1 operation											
307		463		463		463					
177		265		265		265					
30		30		30		30					
0.1		0.1		0.1		0.1					
200		200		200		200					
DC-3 operation											
400											
400											
400											
11											
DC-5 operation											
400											
400											
400											
113		61 69		78 96		96		155		188 192	
58		32 41		54 65		96		123			