

DILMF

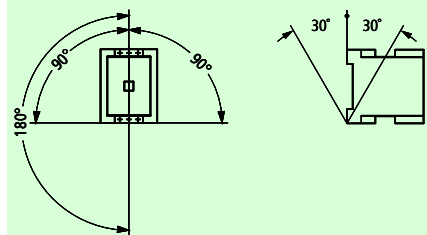
Moeller HPL0211-2007/2008

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DILMF8 DILMF11 DILMF14 DILMF17

General

Mounting position



AC

				DILMF8	DILMF11	DILMF14	DILMF17	
AC-3 duty	Rated operational current AC-3 open, 50-60 Hz, 3 pole	240 V	$I_e$	7	9	12	18	
		380/400 V	$I_e$	7	9	12	18	
	415 V	$I_e$	7	9	12	18		
	440 V	$I_e$	7	9	12	18		
	500 V	$I_e$	5	7	10	18		
	660/690 V	$I_e$	4	5	7	12		
	Motor rating	220/230 V	P	kW	2.2	2.5	3.5	5
		240V	P	kW	2.2	3	4	5.5
		380/400 V	P	kW	3	4	5.5	7.5
		415 V	P	kW	4	5.5	7	10
		440 V	P	kW	4.5	5.5	7.5	10.5
		500 V	P	kW	3.5	4.5	7	12
		660/690 V	P	kW	3.5	4.5	6.5	11
	AC-4 duty	Rated operational current AC-3 open, 50-60 Hz, 3 pole	220/230 V	$I_e$	5	6	7	10
240 V			$I_e$	5	6	7	10	
380/400 V			$I_e$	5	6	7	10	
415 V			$I_e$	5	6	7	10	
440 V			$I_e$	5	6	7	10	
500 V			$I_e$	4.5	5	6	10	
660/690 V			$I_e$	4	4.5	5	8	
1000 V		A	-	-	-	-		
Motor rating		220/230 V	P	kW	1	1.5	2	2.5
		240 V	P	kW	1.5	1.6	2.2	3
		380/400 V	P	kW	2.2	2.5	3	4.5
		415 V	P	kW	2.3	2.8	3.4	5
		440 V	P	kW	2.4	3	3.6	5.5
		500 V	P	kW	2.5	2.8	3.5	6
	660/690 V	P	kW	2.9	3.6	4.4	6.5	

Current heat loss (3 pole)

	W	DILMF8	DILMF11	DILMF14	DILMF17
Current heat loss at $I_{th}$	W	2.4	2.4	2.4	7.3
Current heat loss at $I_e$ to AC-3/400 V	W	0.3	0.6	1	1.9

Magnet systems

				DILMF8	DILMF11	DILMF14	DILMF17
Voltage tolerance	Drop-out voltage AC operated	Pick-up	$\times U_c$	0.8...1.15	0.8...1.15	0.8...1.15	0.8...1.15
	Drop-out voltage AC operated	Drop-out	$\times U_c$	0.2...0.5	0.2...0.5	0.2...0.5	0.2...0.5
Power consumption of the coil in a cold state and $1.0 \times U_c$	Electronic actuation	Pick-up	VA	14	14	14	14
	Electronic actuation	Sealing	VA	0.7	0.7	0.7	0.7
	Electronic actuation	Sealing	W	0.7	0.7	0.7	0.7
Duty factor			% DF	100	100	100	100
Operating delays	Closing delay		ms	40	40	40	40
	Opening delay		ms	45	45	45	45
suitable according to				SEMI F47	SEMI F47	SEMI F47	SEMI F47

Electromagnetic compatibility (EMC)

Emitted interference				according to EN 60947-1			
Interference immunity				according to EN 60947-1			

like contactor	DIL	DILMF8	DILMF11	DILMF14	DILMF17
		M7	M9	M12	M17

Contactors DILM, DILH



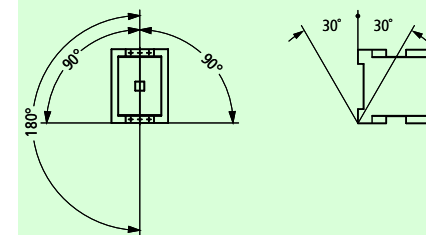
Contactors DILM, DILH

DILMF

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DILMF25 DILMF32 DILMF40 DILMF50 DILMF65 DILMF80 DILMF95 DILMF115 DILMF150



	DILMF25	DILMF32	DILMF40	DILMF50	DILMF65	DILMF80	DILMF95	DILMF115	DILMF150
25	32	40	50	65	80	95	115	150	
25	32	40	50	65	80	95	115	150	
25	32	40	50	65	80	95	115	150	
25	32	40	50	65	80	95	115	150	
25	32	40	50	65	80	95	115	150	
15	18	25	32	37	65	80	93	100	
7.5	10	12.5	15.5	20	25	30	37	48	
8.5	11	13.5	17	22	27.5	4	40	52	
11	15	18.5	22	30	37	45	55	75	
14.5	19	24	30	39	48	57	70	91	
15.5	20	25	32	41	51	60	75	95	
17.5	23	28	36	47	58	70	85	110	
14	17	23	30	35	63	75	90	96	
13	15	18	21	25	40	50	55	65	
13	15	18	21	25	40	50	55	65	
13	15	18	21	25	40	50	55	65	
13	15	18	21	25	40	50	55	65	
13	15	18	21	25	40	50	55	65	
10	12	14	17	20	27	37	45	50	
-	-	-	-	-	-	-	-	-	
3.5	4	5	6	7	12	16	17	20	
4	4.5	5.5	6.5	7.5	13	17	19	22	
6	7	9	10	12	20	26	28	33	
6.5	7.5	9.5	11	13	24	30	33	39	
7	8	10	12	14	25	32	35	41	
8	9	11	13	16	29	36	40	47	
8.5	10	12	14	17	26	35	43	48	
9.6	12.1	11.3	19	28.8	14.6	21.8	30.4	46.1	
3.8	6.1	7.2	11.3	19	11.5	16.2	23.8	40.5	
0.8...1.15	0.8...1.15	0.8...1.15	0.8...1.15	0.8...1.15	0.8...1.15	0.8...1.15	0.8...1.15	0.8...1.15	
0.2...0.5	0.2...0.5	0.2...0.5	0.2...0.5	0.2...0.5	0.2...0.5	0.2...0.5	0.2...0.5	0.2...0.5	
14	14	45	45	45	75	75	180	180	
0.7	0.7	1.5	1.5	1.5	2	2	3.1	3.1	
0.7	0.7	1.5	1.5	1.5	2	2	2.1	2.1	
100	100	100	100	100	100	100	100	100	
40	40	50	50	50	55	55	40	40	
45	45	45	45	45	40	40	40	40	
SEMI F47	SEMI F47	SEMI F47	SEMI F47	SEMI F47	SEMI F47	SEMI F47	SEMI F47	SEMI F47	
according to EN 60947-1	according to EN 60947-1	according to EN 60947-1	according to EN 60947-1	according to EN 60947-1	according to EN 60947-1	according to EN 60947-1	according to EN 60947-1	according to EN 60947-1	
M25	M32	M40	M50	M65	M80	M95	M115	M150	

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