

DILM7 ... DILM170

Moeller HPL0211-2007/2008

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			DILM7	DILM9	DILM12	DILM15	DILM17	DILM25
General								
Main cable connection screw/bolt			M3.5	M3.5	M3.5	M3.5	M5	M5
Tightening torque		Nm	1.2	1.2	1.2	1.2	3	3
Control circuit cable connection screw/bolt			M3.5	M3.5	M3.5	M3.5	M3.5	M3.5
Tightening torque		Nm	1.2	1.2	1.2	1.2	1.2	1.2
Tool								
Main cable								
Pozidriv screwdriver		Size	2	2	2	2	2	2
Hexagon socket-head spanner	SW	mm	-	-	-	-	-	-
Standard screwdriver		mm	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6
Control circuit cables								
Pozidriv screwdriver		Size	2	2	2	2	2	2
Standard screwdriver		mm	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6
Spring-loaded terminal connection								
Terminal capacity main cable								
Solid		mm ²	1 × (0.75 – 2.5) 2 × (0.75 – 2.5)					
flexible		mm ²	1 × (0.75 – 2.5) 2 × (0.75 – 2.5)					
flexible with ferrules		mm ²	1 × (0.75 – 1.5) 2 × (0.75 – 1.5)					
Solid or stranded		AWG	18 – 14	18 – 14	18 – 14			
Terminal capacity control circuit cables								
Solid		mm ²	1 × (0.75 – 2.5) 2 × (0.75 – 2.5)					
Flexible		mm ²	1 × (0.75 – 2.5) 2 × (0.75 – 2.5)					
Flexible with ferrule		mm ²	1 × (0.75 – 2.5) 2 × (0.75 – 2.5)					
Solid or stranded		AWG	18 – 14	18 – 14	18 – 14	18 – 14	18 – 14	18 – 14
Tool								
Stripping length		mm	10	10	10	10	10	10
Screwdriver blade width		mm	3.5	3.5	3.5	3.5	3.5	3.5
Main conducting paths								
Rated impulse withstand voltage	U_{imp}	V AC	8000	8000	8000	8000	8000	8000
Overvoltage category/pollution degree			III/3	III/3	III/3	III/3	III/3	III/3
Rated insulation voltage	U_i	V AC	690	690	690	690	690	690
Rated operational voltage	U_e	V AC	690	690	690	690	690	690
Safe isolation to VDE 0106 Part 101 and Part 101/A1								
between coil and contacts		V AC	400	400	400	400	440	440
between the contacts		V AC	400	400	400	400	440	440
Making capacity (p.f. to IEC/EN 60947)	Up to 690 V	A	112	112	144	155	238	350
Breaking capacity								
220/230 V		A	70	90	120	124	170	250
380/400 V		A	70	90	120	124	170	250
500 V		A	50	70	100	100	170	250
660/690 V		A	40	50	70	70	120	150
Short-circuit rating								
Short-circuit protection maximum fuse								
Type "2" coordination								
400 V	gG/gL 500 V	A	20	20	20	20	35	35
690 V	gG/gL 690 V	A	16	16	20	20	35	35
1000 V	gG/gL 1000 V	A	-	-	-	-	-	-
Type "1" coordination								
400 V	gG/gL 500 V	A	35	35	35	63	63	100
690 V	gG/gL 690 V	A	20	20	25	50	50	50

Contactors DILM, DILH



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DILM32	DILM40	DILM50	DILM65 DILM72	DILM80	DILM95	DILM115	DILM150	DILM170
M5	M6	M6	M6	M10	M10	M10	M10	M10
3	3.3	3.3	3.3	14	14	14	14	14
M3.5	M3.5	M3.5	M3.5	M3.5	M3.5	M3.5	M3.5	M3.5
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
2	2	2	2	-	-	-	-	-
-	-	-	-	5	5	5	5	5
0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6					
2	2	2	2	2	2	2	2	2
0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6	0.8 × 5.5 1 × 6
1 × (0.75 – 2.5) 2 × (0.75 – 2.5)								
1 × (0.75 – 2.5) 2 × (0.75 – 2.5)								
1 × (0.75 – 2.5) 2 × (0.75 – 2.5)								
18 – 14	18 – 14	18 – 14	18 – 14	18 – 14	18 – 14	18 – 14	18 – 14	18 – 14
10	10	10	10	10	10	10	10	10
3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
8000	8000	8000	8000	8000	8000	8000	8000	8000
III/3	III/3	III/3	III/3	III/3	III/3	III/3	III/3	III/3
690	690	690	690	1000	1000	1000	1000	1000
690	690	690	690	1000	1000	1000	1000	1000
440	440	440	440	690	690	690	690	690
440	440	440	440	690	690	690	690	690
384	560	700	910	1120	1330	1610	2100	2100
320	400	500	650	800	950	1150	1500	1500
320	400	500	650	800	950	1150	1500	1500
320	400	500	650	800	950	1150	1500	1500
180	250	320	370	650	800	1100	1200	1320
63	63	80	125	160	160	250	250	400
35	50	63	80	160	160	250	250	250
-	-	-	-	-	-	-	-	-
125	125	160	250	250	250	250	250	400
63	80	80	100	200	200	250	250	250

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