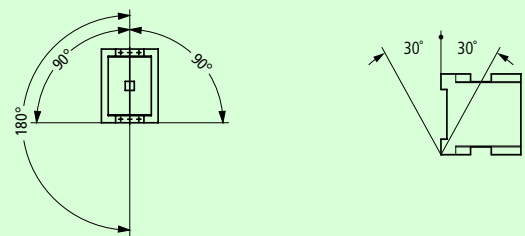


DILM185...DILM1600, DILH

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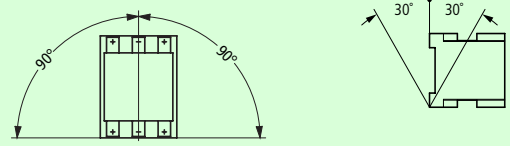
			Contactors		
			DILM185	DILM225 DILM250	DILM300 DILM400
General					
Standards			IEC/EN 60947, VDE 0660, UL, CSA		
Lifespan, mechanical					
AC operated	Operations	× 10 ⁶	10	10	7
DC operated	Operations	× 10 ⁶	10	10	7
Operating frequency, mechanical					
AC operated	Operations/h		3000	3000	2000
DC operated	Operations/h		3000	3000	2000
Maximum operating frequency electrical (Contactors without overload relay)			Page 05/070		
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclical, to IEC 60068-2-30		
Ambient temperature					
Open		°C	25...60	25...60	25...60
Enclosed		°C	25...40	25...40	25...40
Storage		°C	-40...80	-40...80	-40...80
Mounting position, AC- and DC operated					
Mechanical shock resistance (IEC/EN 60068-2-27)					
Half-sinusoidal shock, 20 ms					
Main contacts					
N/O contact		g	10	10	10
Auxiliary contacts					
N/O contact		g	10	10	10
N/C contact		g	8	8	8
Protection type			IP00		
Protection against direct contact when actuated from front (IEC 536)			finger and back-of-hand proof with terminal shroud or terminal block		
Weight			kg		
			6.5		
Terminal capacity main cable					
Flexible with cable lug			mm ²		
			35 – 95		
Stranded with cable lug			mm ²		
			50 – 120		
Solid or stranded			AWG		
			1/0 – 250 MCM		
Busbar			Width		
			mm		
			20		
Main cable connection screw/bolt			M10		
Tightening torque			Nm		
			24		
Terminal capacity control circuit cables					
Solid			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		
			2 × (18 – 12)		
Control circuit cable connection screw/bolt			M3.5		
Tightening torque			Nm		
			1.2		
Tool					
Main cable					
Open-end spanner			mm		
			16		
Control circuit cables					
Pozidriv screwdriver			Size		
			2		

Contactors DILM, DILH



DILM185...DILM1600, DILH

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DILM500	DILM580 DILM650	DILM750 DILM820	DILM1000	DILM1600	DILH1400 DILH2000
IEC/EN 60947, VDE 0660, UL, CSA					
7	5	5	5	5	5
7	5	5	5	5	5
2000	1000	1000	1000	1000	1000
2000	1000	1000	1000	1000	1000
Page 05/070					
Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclical, to IEC 60068-2-30					
25...60	25...60	25...60	25...60	25...60	25...60
25...40	25...40	25...40	25...40	25...40	25...40
-40...80	-40...80	-40...80	-40...80	-40...80	-40...80
					
10	10	10	10	10	10
10	10	10	10	10	10
8	8	8	8	8	8
IP00	IP00	IP00	IP00	IP00	IP00
finger and back-of-hand proof with terminal shroud or terminal block					
8	15	15	15	32	15 32
50 – 240	50 – 240	50 – 240	50 – 240		
70 – 240	70 – 240	70 – 240	70 – 240		
2/0 – 500 MCM	2/0 – 500 MCM	2/0 – 500 MCM	2/0 – 500 MCM		
30	50	60	60	100	80 100
M10	M10	M12	M12	M12	M12
24	24	35	35	35	35
1 × (0.75 – 2.5) 2 × (0.75 – 2.5)					
1 × (0.75 – 2.5) 2 × (0.75 – 2.5)					
2 × (18 – 12)					
M3.5	M3.5	M3.5	M3.5	M3.5	M3.5
1.2	1.2	1.2	1.2	1.2	1.2
16	16	18	18	18	18
2	2	2	2	2	2

Contactors DILM, DILH

