

DILL

Moeller HPL0211-2007/2008

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				DILL12	DILL18	DILL20	
General							
Standards				IEC/EN 60947, VDE 0660, UL, CSA			
Lifespan, mechanical	AC operated	Operations	$\times 10^6$	1	1	1	
Operating frequency, mechanical	AC operated	Operations/h		60	60	60	
Maximum operating frequency	electrical (Contactors without overload relay)	Operations/h		60	60	60	
Climatic proofing				Damp heat, constant, to IEC 60068-2-78; Damp heat, cyclic, 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							
Mechanical shock resistance (IEC/EN 60068-2-27) Half-sinusoidal shock, 10 ms				6.9	6.9	6.9	
Protection type				IP00	IP00	IP00	
Weight	AC operated		kg	0.42	0.42	0.42	
Main conducting paths							
Rated impulse withstand voltage		U_{imp}	V AC	8000	8000	8000	
Overvoltage category/pollution degree				III/3	III/3	III/3	
Rated insulation voltage		U_i	V AC	690	690	690	
Rated operational voltage		U_e	V AC	690	690	690	
Making capacity			A	238	350	550	
Breaking capacity		380 ... 400 V	A	170	250	320	
Lifespan, electrical		Operations		10000	10000	10000	
Short-circuit protection maximum fuse	400 V	gG/gL 500 V	A	63	100	125	
AC							
AC-1 duty							
Conventional thermal current	at 40 °C	I_{th}	A	27	40	45	
		I_{th}	A	24	35	40	
	at 60 °C	I_e	A	12	18	20	
		I_e	A	12	18	20	
AC-1 duty	230 V	I_e	A	14	21	27	
	400 V	I_e	A	14	21	27	
Electric lamps							
Filament bulbs				A	14	21	27
Mercury blended lamps				A	12	16	23
Fluorescent lamp load 10 Conventional reactor starter circuit $\times 58\text{ W}$ at 230/240 V AC				A	20	26	35
Duo circuit				A	20	26	35
Electronic upstream devices				A	12	18	20
High-pressure mercury vapour lamps				A	12	18	20
Metal-halide lamps				A	12	18	20
High-pressure sodium lamps				A	12	18	20
Low-pressure sodium lamps				A	7.5	10	12
Maximum permissible compensation capacitance				μF	470	470	470
Further technical data like DIL contactors				M17	M25	M32	

