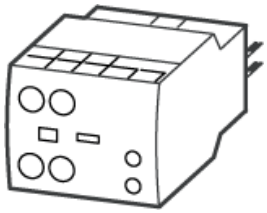
MOELLER

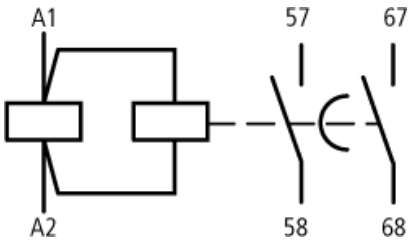
Type: **DILM32–XTEY20(RAC240)**
Article No.: **101448**
Sales text **Timer module,1–30s,star–delta**



Cannot be combined with front mounting auxiliary contact modules, inclusive suppressors

Ordering information			
Description			200...240 V AC
For use with			DILM7 – DILM32 DILMP20 DILA

Contact sequence



Notes concerning the product group

Changeover time 1...30 s

Changeover interval 50 ms

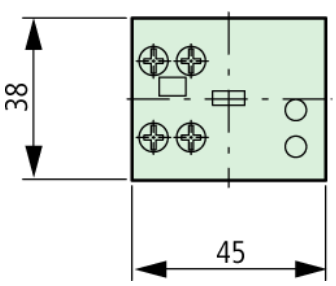
Circuit examples → Engineering wiring star–delta combinations with DILM32–XTEY20

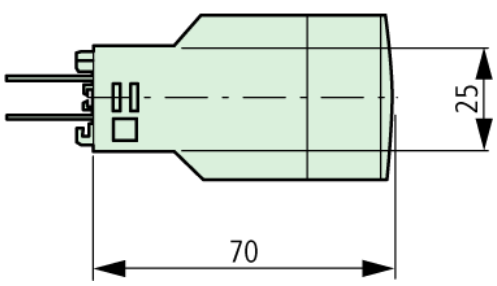
General			
Standards			DIN EN 61812, IEC/EN 60947, VDE 0660, UL, CSA
Lifespan, mechanical			
AC operated	Operations	× 10^6	3
DC operated	Operations	× 10^6	3
Ambient temperature			
Storage		°C	... 40...+80

Open		°C	–25...60
Enclosed		°C	–25...40
Mounting position			As required, not suspended
Mechanical shock resistance (IEC/EN 60068–2–27)			
Half–sinusoidal shock, 10 ms			
N/O contact		g	6
N/C contact		g	6
Protection type			IP 20
Protection against direct contact when actuated from front (IEC 536)			Finger and back–of–hand proof
Weight		kg	0,08
Terminal capacities			
Solid		mm^2	1 × (0.75 – 2.5) 2 × (0.75 – 1.5)
Flexible with ferrule		mm^2	1 × (0.75 – 1.5) 2 × (0.75 – 1.5)
Solid or stranded		AWG	18 – 14
Pozidriv screwdriver		Size	2
Standard screwdriver		mm	0.8 × 5.5 1 × 6
Max. tightening torque		Nm	1,2
Contacts			
Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/3
Rated insulation voltage	U_i	V AC	600
Rated operational voltage	U_e	V	400 AC
Safe isolation to VDE 0106 Part 101 and Part 101/A1			
between coil and auxiliary contacts		V AC	250
between the auxiliary contacts		V AC	250
Conventional thermal current	I_{th}	A	6
Short–circuit rating without welding			
Short–circuit protection maximum fuse			
500 V		A gG/gL	6
Magnet systems			
Voltage tolerance			
Pick–up voltage			
AC operated			

	Pick–up	× U_c	0,85 – 1,1
DC operated			
	Pick–up	× U_c	0,7 – 1,2
Power consumption			
60 °C	Sealing	VA	2
AC operated	Sealing	W	1,8
Duty factor		% DF	100
Maximum operating frequency			
Max. operating frequency		Ops/h	3600
Can be combined with auxiliary contact		Ops./h	360
Conventional thermal current I_{th} = I_e AC–1			
On–delayed		ms	< 50
Off–delayed		ms	< 200
AC operated 50 Hz	Deviation	%	< 5
Recovery time (after 100% time delay)		ms	70
contact changeover time			
DILM32–XTEE11/DILM32–XTED11	t_u	ms	10
DILM32–XTEY20	t_u	ms	50
Notes			
Notes			For rated operational current: Making and breaking conditions to DC–13, L/R constant as stated Max. fuses for short–circuit protection: Transparent overlay "Fuses" for time/current characteristics (please enquire) For pick–up voltage, DC operated:Pure DC, AC bridge rectifier or smoothed double–wave rectification.

Dimensions





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