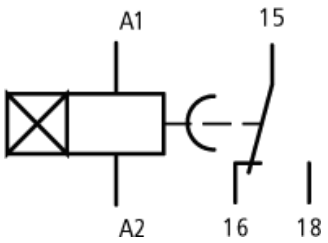
MOELLER

Type: **DILET11–M–W**
Article No.: **048891**
Sales text **TIMING RELAY DILET**

Ordering information			
Description			Timing relays, On–delayed
Rated operational current AC–11			
220 V 230 V 240 V	I_e	A	3
380 V 400 V 440 V	I_e	A	3
Conventional thermal current	I_{th}	A	6
Time range			u0.15 – 3 min 0.5 – 10 min 3 – 60 min 0.15 – 3 h 0.5 – 10 h 3 – 60 h
Function			fixed 11, On–delayed

Terminal marking according to EN 50042



Notes concerning the product group

Part no. suffix	Actuating voltage	
	V DC	V AC
–A	24 – 240	24 – 240, 50/60 Hz
–W	–	400, 50/60 Hz

Permissible cable length	Connection to
Cable unscreened, with cable cross–section 0.5 – 1.5 mm	Y1/Y2, Z1/Z2
Two–core cable	250 m
Two–core cable in the same cable duct with mains cable, 50/60 Hz	50 m

Accessories	**Page**
Time functions	→ Engineering
Sealable shroud	→ 010482
Potentiometer	→ 229491
Screw adapter	→ 095853
Blade terminals	→ 059904

General			
Standards			IEC/EN 60947, VDE 0660, UL, CSA IEC/EN 60255, VDE 0435
Lifespan, mechanical			
AC operated	Operations	× 10^6	30
DC operated	Operations	× 10^6	30
Climatic proofing			Damp heat, constant, to IEC 60068–2–78; Damp heat, cyclic, to IEC 60068–2–30
Ambient temperature			
Open		°C	–20...60
Enclosed		°C	–20...45
Mounting position			As required
Mechanical shock resistance (IEC/EN 60068–2–27)			
Half–sinusoidal shock, 20 ms			
Make contact		g	4
Degree of protection			
Terminals			IP 20
Weight		kg	0,09

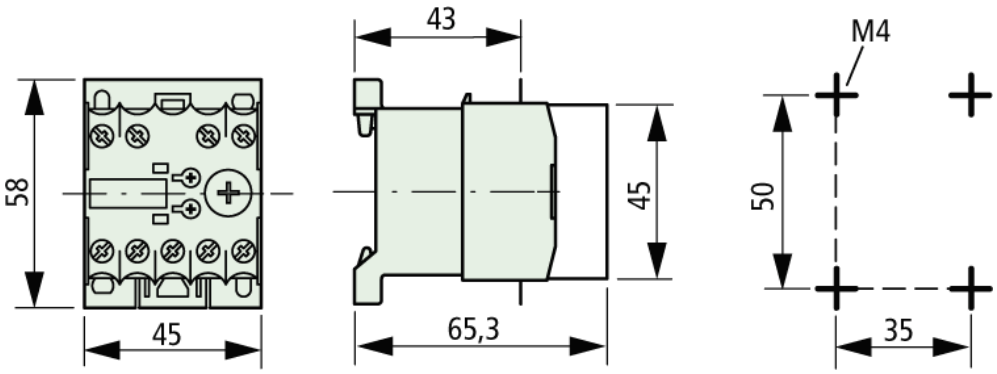
Terminal capacities			
Solid		mm^2	1 × (0.75 – 2.5) 2 × (0.75 – 2.5)
Flexible with ferrule		mm^2	1 × (0.75 – 1.5) 2 × (0.75 – 1.5)
Solid or stranded		AWG	1 × (18 – 14)
Contacts			
Rated impulse withstand voltage	U_{imp}	V AC	6000
Overvoltage category/pollution degree			III/2
Rated insulation voltage	U_i	V AC	600
Rated operational voltage	U_e	V AC	440
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
Making capacity			
AC–14 *cos* = 0.3 440 V		A	48
AC–15 *cos* = 0.3 220 V		A	50
DC–11 L/R – 40 ms		× I_e	1,1
Breaking capacity			
AC–14 *cos* = 0.3 440 V		A	3
AC–15 *cos* = 0.3 220 V		A	3
DC–11 L/R – 40 ms		× I_e	1,1
Rated operational current			
AC––14			
440 V	I_e	A	3
AC–15			
220 V	I_e	A	3
DC–11			
L/R max. 15 ms			
24 V	I_e	A	1,5
L/R max. 50 ms		A	1,2
Conv. thermal current	I_{th}	A	6
Short–circuit rating without welding			
Max. fuse, make contacts		A gG/gL	6
Max. fuse, break contacts		A gG/gL	6
Magnet systems			

Power consumption			
Pick–up AC		VA	0,5
Sealing AC		VA	0,5
Duty factor		% DF	100
Maximum operating frequency		Ops/h	4000
Minimum command time			
AC		ms	50
Repetition accuracy (deviation)		%	0,5
Recovery time (after 100% time delay)		ms	70
Notes			
Notes			Making and breaking conditions to DC–13, time constant as stated When supplied directly from mains or transformer > 1000 VA Not DILET...–W ETR4–51: 50 ms

Dimensions

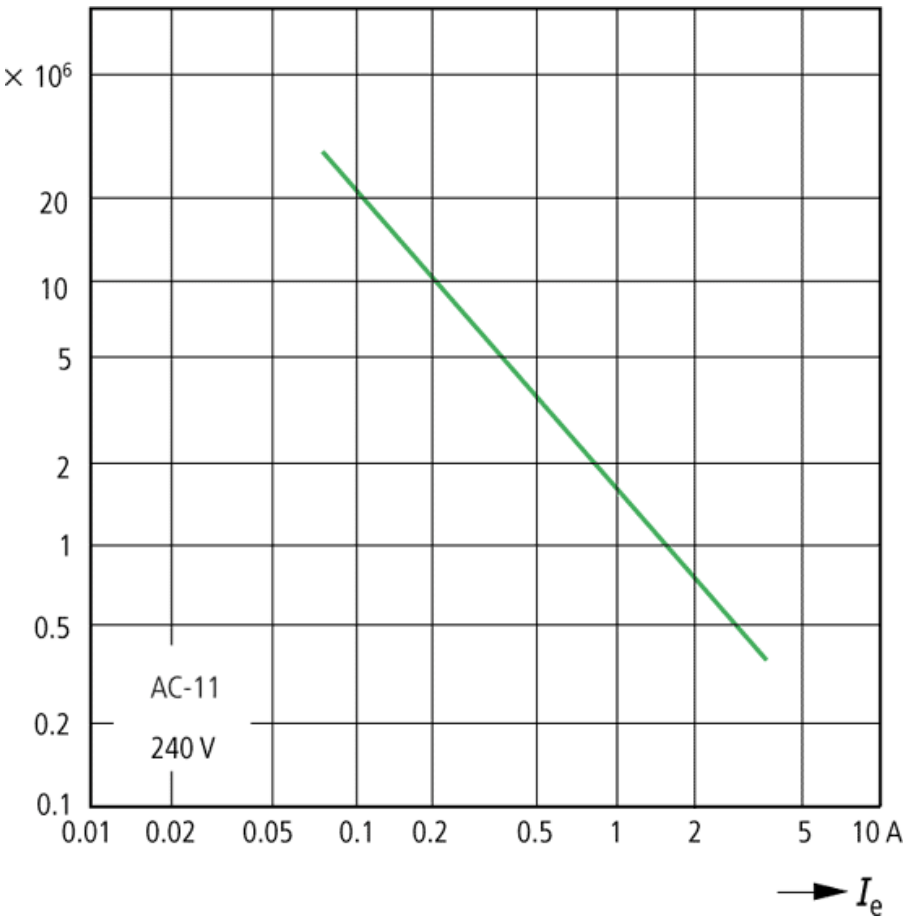
DILET...

Dimensions



DILET... + HDILE
Electronic timing relay with sealable shroud

Characteristic curve



Component lifespan (operations)
Ie = Rated operational current

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