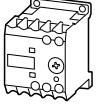



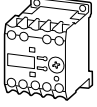

Rated operational current AC-11		Conventional thermal current I_{th}	Time Range	Voltage range	Part no. Article No.	Price See price list	Std. pack
230 V	400 V						
I_e	I_e	A					
A	A						
A	A						




Timing relays DILET


On-delayed
Timing functions → Page 11/8
Component lifespan → Page 11/10

	3	3	6	1.5 - 30 s	24 - 240 V AC, 50/60 Hz 24 - 240 V DC	DILET11-30-A 048878	1 off 
	3	3	6	1.5 - 30 s	400 V AC, 50/60 Hz	DILET11-30-W 048904	
	3	3	6	0.05 - 1 s 0.15 - 3 s 0.5 - 10 s	24 - 240 V AC, 50/60 Hz 24 - 240 V DC	DILET11-M-A 048886	
	3	3	6	3 - 60 s 0.15 - 3 min 0.5 - 10 min 3 - 60 min 0.15 - 3 h 0.5 - 10 h 3 - 60 h	400 V AC, 50/60 Hz	DILET11-M-W 048891	

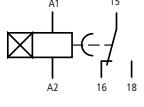
Multi-functional with remote potentiometer
Timing functions → Page 11/8
Component lifespan → Page 11/10

	3	3	6	0.05 - 1 s 0.15 - 3 s 0.2217925 - 10 s	24 - 240 V AC, 50/60 Hz 24 - 240 V DC	DILET70-A 048893	1 off 
	3	3	6	3 - 60 s 0.15 - 3 min 0.5 - 10 min 3 - 60 min 0.15 - 3 h 0.5 - 10 h 3 - 60 h	400 V AC, 50/60 Hz	DILET70-W 048899	

	Resistance R kΩ	Rated power P W	For use with	Part no. Article no.	Price See price list	Std. pack
Remote potentiometer, IP66	10	≤ 0.5	DILET... ETR4-70	M22-R10K 229491		1 off 
	10	-	DILET... ETR4-70	M22S-R10K 232233		1 off 
Screw adapters For screw fixing	-	-	EWDIL ETS4-VS3 ETR4	CS-TE 095853		10 off 

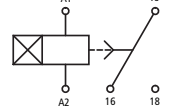
Notes	Information relevant for export to North America
	

Fixed
11, On-delayed

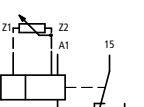


Product Standards
IEC/EN 61812-1; IEC/EN 60947-5-1; UL 508;
CSA-22.2 No. 14-05; CE marking

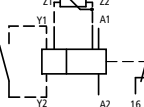
UL File No. E29184
UL CCN NKCR, NKCR7
CSA File No. 12528
CSA Class No. 3211-03
NA Certification UL Listed, CSA Certified
Degree of Protection IEC: IP20, UL/CSA Type: -



Adjustable
11, On-delayed
21, Fleeting contact on energization
42, Flashing
81, Pulse generating
ON-OFF



Adjustable
12, Off-delayed
16, On- and off-delayed
22, Fleeting contact on de-energization
82, Pulse shaping
ON-OFF

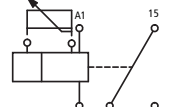



Cable connection with
Y1/Y2, Z1/Z2
Permissible cable length
(cable unshielded, with
cable cross-section
0.5-1.5 mm²):
Two-core cable 250 m
Two-core cable in the
same cable duct with
mains cable, 50/60 Hz 50 m

Product Standards
IEC/EN 61812-1; IEC/EN 60947-5-1; UL 508;
CSA-22.2 No. 14-05; CE marking

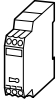
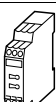
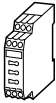
UL File No. E29184
UL CCN NKCR, NKCR7
CSA File No. 12528
CSA Class No. 3211-03
NA Certification UL Listed, CSA Certified
Degree of Protection IEC: IP20, UL/CSA Type: -

11 ON-DELAYED
21 FLEETING CONTACT ON ENERGIZATION
42 FLASHING
81 PULSE GENERATING CONTACT



Information relevant for export to North America	
	
Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
UL File No.	E29184
UL CCN	NKCR
CSA File No.	012528
CSA Class No.	3211-03
NA Certification	UL Listed, CSA Certified
Degree of Protection	UL/CSA part no. 3R, 4X, 12, 13

UL/CSA certification not required

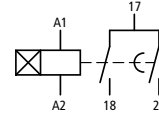
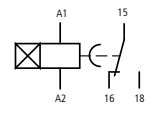
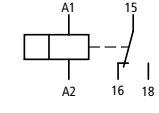
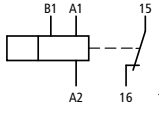
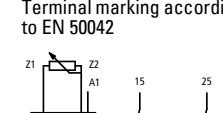
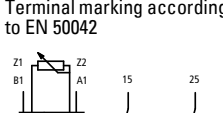
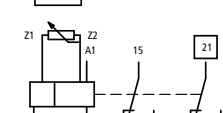
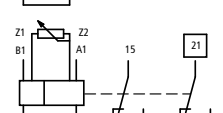
	Rated operational current AC-15		Conventional thermal current I _{th} A	Time Range	24 - 240 V AC, 50/60 Hz 24 - 240 V DC		Std. pack	400 V AC, 50/60 Hz		Std. pack
	230 V I _e A	400 V I _e A			Part no. Article no.	Price See price list		Part no. Article no.	Price See price list	
Electronic timing relays ETR4, 22.5 mm wide										
 Star-delta switching Timing functions → Page 11/8	3	3	6	3 - 60 s	ETR4-51-A 031884		1 off	ETR4-51-W 031885		1 off
 On-delayed Timing functions → Page 11/8	3	3	6	0.05 - 1 s 0.15 - 3 s 0.5 - 10 s 1.5 - 30 s 5 - 100 s 15 - 300 s 1.5 - 30 min 15 - 300 min 1.5 - 30 h 5 - 100 h	ETR4-11-A 031882			ETR4-11-W 031883		
 Multifunctional Timing functions → Page 11/8	3	3	6		ETR4-69-A 031891			ETR4-69-W 031887		
Multifunctional with connection for potentiometer, and two changeover contacts that can be converted to two timed contacts or one non-delayed contact and one timed contact. Timing functions → Page 11/8	3	-	6		ETR4-70-A 031888					

Notes

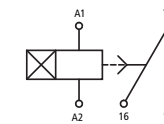
Information relevant for export to North America



Product Standards	IEC/EN 61812-1; IEC/EN 60947-5-1; UL 508; CSA-22.2 No. 14-05; CE marking
UL File No.	E29184
UL CCN	NKCR
CSA File No.	12528
CSA Class No.	3211-03
NA Certification	UL Listed, CSA certified
Degree of Protection	IEC: IP20, UL/CSA Type: -

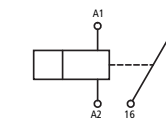
		Notes	
Function	Terminal marking according to EN 50042	Cable connection with B1, Z1/Z2 Permissible cable length (cable unshielded, with cable cross-section 0.5--1.5 mm ²): Two-core cable 250 m Two-core cable in the same cable duct with mains cable, 50/60 Hz 50 m	
Fixed 51, Star-delta			
Function	Terminal marking according to EN 50042		
Fixed 11, On-delayed			
Function	Terminal marking according to EN 50042	Function	Terminal marking according to EN 50042
Adjustable 11, On-delayed 21, Fleeting contact on energization 42, Flashing, pulse initiating 81, Pulse generating ON-OFF		Adjustable 12, Off-delayed 16, On- and off-delayed 22, Fleeting contact on de-energization 82, Pulse shaping ON-OFF	
Function	Terminal marking according to EN 50042	Function	Terminal marking according to EN 50042
A2/X1 linked 11, On-delayed 21, Fleeting contact on energization 42, Flashing, pulse initiating 81, Pulse generating ON-OFF		A2/X1 linked 12, Off-delayed 16, On- and off-delayed 22, Fleeting contact on de-energization 82, Pulse shaping ON-OFF	
A2/X1 not linked 11, On-delayed 21, Fleeting contact on energization 42, Flashing, pulse initiating 81, Pulse generating ON-OFF		A2/X1 not linked 12, Off-delayed 16, On- and Off-delayed 22, Fleeting contact on de-energization 82, Pulse shaping ON-OFF	

ETR4-11



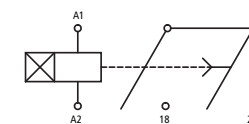
ON-DELAYED

ETR4-69



11 ON-DELAYED
21 FLEETING CONTACT ON ENERGIZATION
42 FLASHING
81 PULSE GENERATING CONTACT

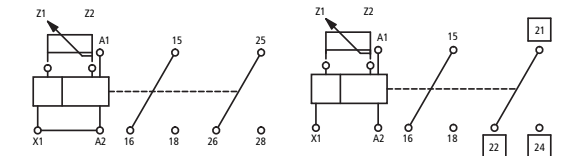
ETR4-51



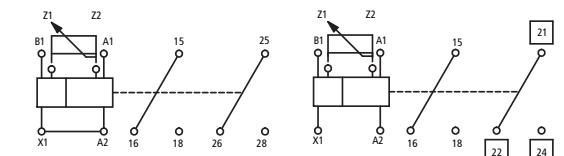
ON-DELAYED

12 OFF-DELAYED
16 ON- and OFF-DELAYED
22 FLEETING CONTACT ON DE-ENERGIZATION
82 PULSE SHAPING CONTACT

ETR4-70



11 ON-DELAYED
21 FLEETING CONTACT ON ENERGIZATION
42 FLASHING
81 PULSE GENERATING CONTACT



12 OFF-DELAYED
16 ON- and OFF-DELAYED
22 FLEETING CONTACT ON DE-ENERGIZATION
82 PULSE SHAPING CONTACT