

Product data sheet

Characteristics

RE9RA11MW7

releu temporizare întârziere revenire - 0,1...10 s - 240 V c.a. - semicond.



Principal

Gama de produse	Zelio Time
Tip produs sau componenta	Releu industrial de temporizare
Tip de iesire discreta	Cu semiconductori
Nume componenta	RE9
Tip intarziere	C
Intervalul de intarziere	0.1...10 s

Suplimentar

Latimea varfului	22,5 mm
[Us] tensiune nominala de alimentare	24...240 V c.a. 50/60 Hz
Interval de tensiune	0,85...1,1 Us
Conexiuni - borne	Borne cu surub, 2 x 1,5 mm ² flexibil cu pini Borne cu surub, 2 x 2.5 mm ² flexibil fara terminale de cablu
Cuplu de strangere	0,6...1,1 N.m
Setarea preciziei temporizarii	< +/- 20 %
Precizie de repetare	< 1 %
Resetare timp	100 ms după perioada de întârziere
Timpul de comutare	> 40 ms
Abatere temperatura	<= 0,1 %/°C
Curent nominal maxim de functionare [Ie]	0,7 A la 20 °C
Curent minim de iesire	10 mA la 20 °C
Curent la suprasarcina	<= 15 A pentru 10 ms conformitate cu VDE 0435 (partea 303), 4.8.3/clasa II
Cadere de tensiune maxima	<3 V la închis stare 0,7 A
Curent de fuga maxim	1 mA contact deschis contacte
Puterea disipata maxima in W	4 W
Durabilitate electrica	100000000 cic
Marcaj	CE
Categorie de supratensiune	III conformitate cu SR EN 60664-1
[Ui] tensiune nominala de izolare	250 V conformitate cu IEC[RETURN]300 V conformitate cu CSA
Valoare de decuplare a alimentarii	> 0,1 Uc
Pozitie de functionare	Orice pozitie fără declassare
Incercare la supratensiuni tranzitorii	2 kV conformitate cu IEC 61000-4-5 nivel 3
CAD latime globala	22,5 mm
CAD inaltime globala	78 mm
CAD adancime globala	80 mm
Greutate neta	0,11 kg

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Mediu

Imunitate la microîntreruperi	2 ms în timpul perioadei de întârziere
Factor de scadere a valorii nominale	Niciunul >20 °C
Standarde	EN/IEC 61812-1
Certificari produs	UL[RETURN]CSA[RETURN]GL
Temperatura ambietala pentru depozitare	-40...85 °C
Temperatura ambientală de functionare	-20...60 °C
Umiditate relativa	15...85 % 3K3 conformitate cu IEC 60721-3-3
Rezistenta la vibratii	0.35 mm (f= 10...55 Hz) conformitate cu IEC 60068-2-6
Rezistenta la socuri	15 gn pentru 11 ms conformitate cu IEC 60068-2-27
Grad de protectie IP	IP20 (borne) IP50 (carcasă)
Grad de poluare	3 conformitate cu SR EN 60664-1
Rigiditate dielectrica	2,5 kV
Unda de soc nedisipata	4,8 kV
Rezistenta la descarcari electrostatice	6 kV (în contact) conformitate cu IEC 61000-4-2 nivel 3 8 kV (în aer) conformitate cu IEC 61000-4-2 nivel 3
Rezistenta la campuri electromagnetice	10 V/m conformitate cu IEC 61000-4-3 nivel 3
Rezistenta la tranzienti rapizi	2 kV conformitate cu IEC 61000-4-4 nivel 3
Perturbatie radiata/condusa	CISPR22 - clasa A CISPR11 grup 1 - clasa A

Unitati de ambalare

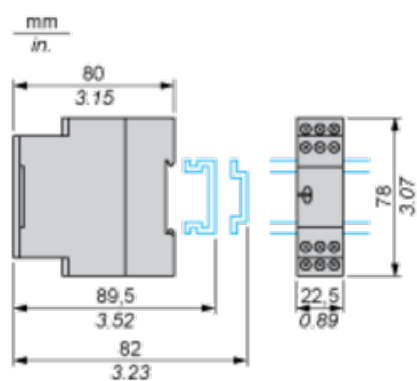
Unitate de masura pentru prima forma de impachetare	PCE
Numar unitati in prima forma de impachetare	1
Inaltime prima forma de impachetare	2,7 cm
Latime prima forma de impachetare	8,2 cm
Lungime prima forma de impachetare	8,5 cm
Greutate prima forma de impachetare	86 g

Garanție contractuală

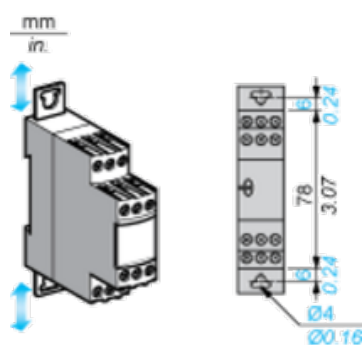
Garantie	18 months
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Width 22.5 mm

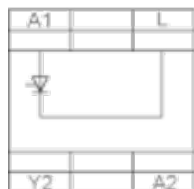
Rail Mounting



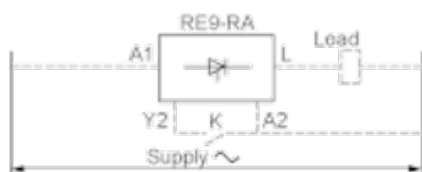
Screw Fixing



Internal Wiring Diagram



Recommended Application Wiring Diagram



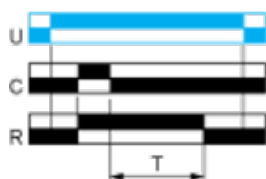
The timing relay is placed in series with the load whose de-energisation is to be delayed. Switch K is connected to terminals Y2 and A2 of the timing relay, and terminal A2 is connected to the main supply, as indicated in the diagram above. The device is operated from an a.c. mains supply whose voltage is between 24 V and 240 V.

Function C : Off-Delay Relay with Control Signal

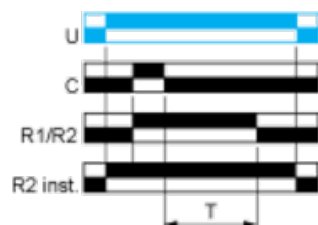
Description

After power-up and closing of the control contact C, the output R closes. When control contact C re-opens, timing T starts. At the end of the timing period, the output(s) R revert(s) to its/their initial state. The second output can be either timed or instantaneous.

Function: 1 Output



Function: 2 Outputs



2 timed outputs (R1/R2) or 1 timed output (R1) and 1 instantaneous output (R2 inst.)

Legend

Relay de-energised

Relay energised

 Output open

 Output closed

C	Control contact
G	Gate
R	Relay or solid state output
R1/R2	2 timed outputs
R2 inst.	The second output is instantaneous if the right position is selected
T	Timing period
Ta -	Adjustable On-delay
Tr -	Adjustable Off-delay
U	Supply