

# Product datasheet

Specifications



## industrial timing relay - 3..30 s - type W - 24 V AC/DC - 1 C/O

RE8PD31B

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

### Main

Range of product	Zelio Time
Product or component type	Optimum industrial timing relay
Component name	RE8
Time delay type	W
Time delay range	3...30 s
Sale per indivisible quantity	10

### Complementary

Discrete output type	Relay
Contacts material	90/10 silver nickel contacts
Width pitch dimension	22.5 mm
[Us] rated supply voltage	24 V AC/DC 50/60 Hz
Voltage range	0.9...1.1 Us
Connections - terminals	Screw terminals, 2 x 1.5 mm <sup>2</sup> flexible with cable end Screw terminals, 2 x 2.5 mm <sup>2</sup> flexible without cable end
Maximum [Ie] rated operational current	2 A DC-13 24 V at 70 °C conforming to IEC 60947-5-1/1991 2 A DC-13 24 V at 70 °C conforming to VDE 0660 3 A AC-15 24 V at 70 °C conforming to IEC 60947-5-1/1991 3 A AC-15 24 V at 70 °C conforming to VDE 0660 0.1 A DC-13 250 V at 70 °C conforming to IEC 60947-5-1/1991 0.1 A DC-13 250 V at 70 °C conforming to VDE 0660 0.2 A DC-13 115 V at 70 °C conforming to IEC 60947-5-1/1991 0.2 A DC-13 115 V at 70 °C conforming to VDE 0660
Minimum switching capacity	at 12 V 10 mA
Input voltage	24 V Y1 terminal(s)
Maximum switching current	10 mA (Y1)
Input compatibility	2-wire sensors DC with leakage current < 1 mA <50 m Y1 terminal(s)
Marking	CE
Overvoltage category	III conforming to IEC 60664-1
[Ui] rated insulation voltage	250 V conforming to IEC 300 V conforming to CSA
Supply disconnection value	> 0.1 Uc
Operating position	Any position without derating
Surge withstand	2 kV conforming to IEC 61000-4-5 level 3
Power consumption in VA	0.7 VA at 24 V

<b>Maximum power consumption in W</b>	0.5 W at 24 V
<b>Terminal description</b>	(15-16-18)OC_OFF (A1-A2)CO (Y1)UNUSED
<b>Height</b>	78 mm
<b>Width</b>	22.5 mm
<b>Depth</b>	80 mm
<b>Net weight</b>	0.11 kg

## Environment

<b>Standards</b>	EN/IEC 61812-1
<b>Product certifications</b>	CSA UL GL
<b>Ambient air temperature for storage</b>	-40...85 °C
<b>Ambient air temperature for operation</b>	-20...60 °C
<b>Relative humidity</b>	15...85 % 3K3 conforming to IEC 60721-3-3
<b>Vibration resistance</b>	0.35 mm (f= 10...55 Hz) conforming to IEC 60068-2-6
<b>IP degree of protection</b>	IP20 (terminals) IP50 (casing)
<b>Pollution degree</b>	3 conforming to IEC 60664-1
<b>Dielectric test voltage</b>	2.5 kV
<b>Non-dissipating shock wave</b>	4.8 kV
<b>Resistance to electromagnetic fields</b>	10 V/m conforming to IEC 61000-4-3 level 3
<b>Resistance to fast transients</b>	2 kV conforming to IEC 61000-4-4 level 3
<b>Disturbance radiated/conducted</b>	CISPR 22 - class A CISPR 11 group 1 - class A

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Longer



#### Lifetime extension

Repair

No