

LAUBE TECHNOLOGY HIGH VOLTAGE REED RELAYS

<u>CONTACT FORM</u>	<u>CURRENT</u>	<u>PART SERIES</u>	<u>PAGE #'S</u>
(1A) SPST-NO	3 AMP	R13..L00	171~172 (Link)

HIGH VOLTAGE REED RELAY/ DRY CONTACT

R1380L00
R1329L00
R1343L00

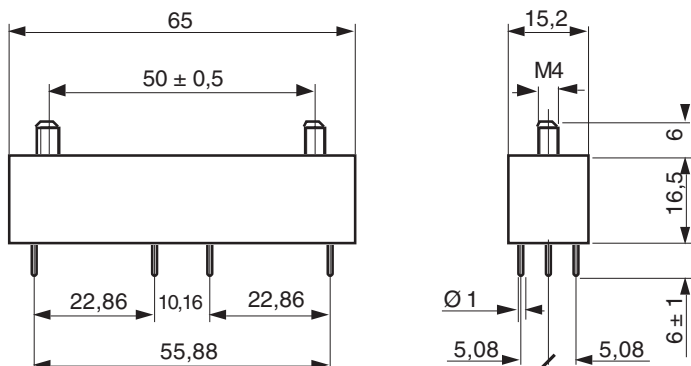
For printed circuit board or fixing screws

One normally open contact

In plastic cover

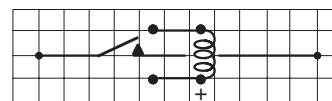
Main characteristics

Maximum switching voltage	7500 VDC (peak)
Maximum switching current	200 mA
Nominal current	3 A
Contact rating	50 W



Dimensions in mm

REF.	Marking
R1380 L00	121 R06 1380
R1329 L00	121 R12 1329
R1343 L00	121 R24 1343



Wiring : top view
step 5,08 mm

Available without screw (see below)

REF.	Marking
R1380 L87	121 R06 1380 N01
R1329 L87	121 R12 1329 N01
R1343 L87	121 R24 1343 N01

Control data _____

Power dissipated on the coil at 20 °C 480 mW

	R1380	R1329	R1343
Nominal voltage	6 V	12 V	24 V
Operate voltage to secure the function from -25 to + 70 °C	≤ 4,4 V	≤ 8,8 V	≤ 17,6 V
Release voltage	≥ 0,5 V	≥ 1 V	≥ 2 V

Electrical data _____

Initial contact resistance (100 mA/ 12 VAC) ≤ 150 mΩ

Coil resistance at 20 °C	R1380	75 Ω ± 10%
-variation 10 % each 25 °C	R1329	300 Ω ± 10%
	R1343	1200 Ω ± 10%

Hold-on voltage

- across contacts **10000 VDC**
- between coil and contacts **14000 VDC**

Insulation resistance

- across contacts **10¹² Ω**
- between coil and contacts **10¹² Ω**

Resonance frequency of the switch	900 Hz
Operate time, bounces included	4 ms
Release time	0,5 ms

For 5KV types, please, consult us

Physical data _____

Operating temperature	- 25 ~ + 70 °C
Storage temperature	- 40 ~ + 85 °C
Weight	28 gr. max.
Shocks	50 g 11 ms
Vibrations (50 to 500 Hz)	30 g