Reed relays feature 1kV stand-off at 10 Watts



Pickering Electronics' High Voltage Reed

Relays feature the highest quality instrumentation grade reed switches. They feature 1kV stand-off at 10 Watts switching up to 15kV stand-off at 50 Watts switching, making them suitable for the most demanding applications.

The Series 104 is a range of Single-In-Line reed relays intended for voltages that are beyond the capabilities of conventional SIL reed relays.

They are ideal for such applications as transformer or cable testing or any other automatic test equipment where high voltages are involved.

Where mains voltages are switched, for example to control and isolate S.C.R. or triac gates, they are an ideal choice.

One or two Form A (energize to make) or one Form B (energize to break) configurations are available.

The range features an internal mu-metal screen to eliminate problems that would otherwise be experienced due to magnetic interaction when they are closely stacked.

Three types of dry switches are available, capable of standing-off 1, 1.5 or 3kV d.c. The 3kV version has an increased clearance between the switch and coil pins to accommodate the higher voltage. Even higher voltage ratings and custom pin outs are available to special order, please contact our sales office for further information.

The Series 60/65 and 62/63 ranges of high voltage reed relays are available for up to 15kV stand-off, 12.5kV switching at 50 Watts maximum. Tungsten plated contacts ensure a long and reliable life.

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Both Form A (energize to make) and Form B (energize to break) configurations are available and it is usually possible to achieve a Form C (change-over) function by using a Form A and a Form B type together.

Series 60 are for chassis mounting with solder connections on the top face, Series 65 are Printed circuit mounting. Series 62 are for chassis mounting with push-on connections on the top face and Series 63 are for printed circuit mounting with push-on high voltage connections on the top face.

www.pickeringrelay.com [1]

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