

ASR SERIES LOW VOLTAGE REED RELAYS FOR HIGH DENSITY ATE



Compact Single-In-Line Relay Optimized for Analog and Mixed-Signal Automated Test Equipment (ATE)

Narrow SIL Relay for Dense Signal Routing

10mm Narrow SIL Package
47% Shorter Than Standard SIL Relays



Series: SIL
Length: 19 mm
Rated Power: 10 W



MS
15 mm
10 W



ASR
10 mm
10 W



UMS
7 mm
10 W



OVERVIEW

When test-system designers need more channels in less PCB space, the ASR Series delivers a narrow SIL reed relay solution for low-voltage analog and mixed-signal ATE.

With low parasitics, fast switching performance, and long operating life, ASR supports accurate signal routing in ICT, FCT, Flying Probe, JTAG, PXI/load-board matrices, and instrumentation test systems.

AT A GLANCE

The ASR Series supports dense low-voltage ATE designs with reliable reed relay switching, low signal degradation, and stable performance for analog and mixed-signal test environments.

- ✓ Narrow 10 mm SIL package
- ✓ Long operating life
- ✓ High insulation resistance
- ✓ Low parasitic capacitance
- ✓ High channel density
- ✓ Low contact resistance
- ✓ Fast operate and release times
- ✓ Ideal for analog and mixed-signal ATE

Whether you need standard relays or a fully customized solution, Standex Detect is ready to partner with you. Let's talk about your needs!

ASR SERIES REED RELAYS

Compact Single-In-Line Relay for ATE

MARKETS & APPLICATIONS

- ✓ Low-Voltage ATE
- ✓ Analog and Mixed-Signal Test
- ✓ ICT and FCT Systems
- ✓ Flying Probe Testers
- ✓ PXI and Load-Board Matrices
- ✓ Instrumentation Signal Routing
- ✓ Data Acquisition Systems
- ✓ PCBA Functional Test



ASR



SIL



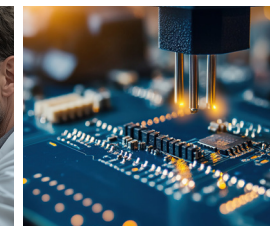
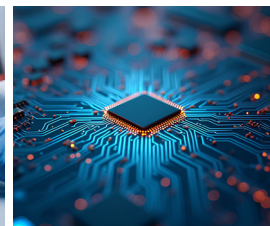
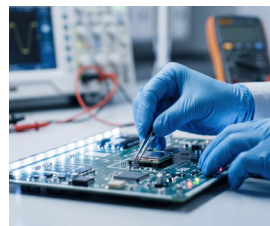
MS



UMS

Scan to Access the Product Page/Datasheet

SERIES	SIL	MS	NEW ASR	UMS
Contact Voltage VDC:	3, 5, 12, 24	5, 12	5	5
Contact Form:	1A, 1B, 1C	1A	1A	1A
Rated Power Max. W: Any DC combination of V&A not to exceed max. rated power	10	10	10	10
Switching Voltage Max. VDC: DC or peak AC	200	200	200	170
Switching Current Max. A: DC or peak AC	0.5	0.5	0.5	0.5
Carry Current Max. A: DC or peak AC	1.0	1.0	1.0	1.0
Insulation Resistance Min./Typ. Ohm: Rh<45%, 100V Test Voltage	10 ¹⁰	10 ¹⁰	10 ¹²	10 ¹¹
Dielectric Strength Min. VDC: According to EN60255-27	1500	1500	1500	1500



Please note: All technical specifications on this flyer refer to the standard product range. Modifications in the sense of technical progress are reserved. For general information only. For more specific information, please consult the product datasheet, available upon request.



A Standex **Electronics** Business

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