

SLSC MODULAR SYSTEM

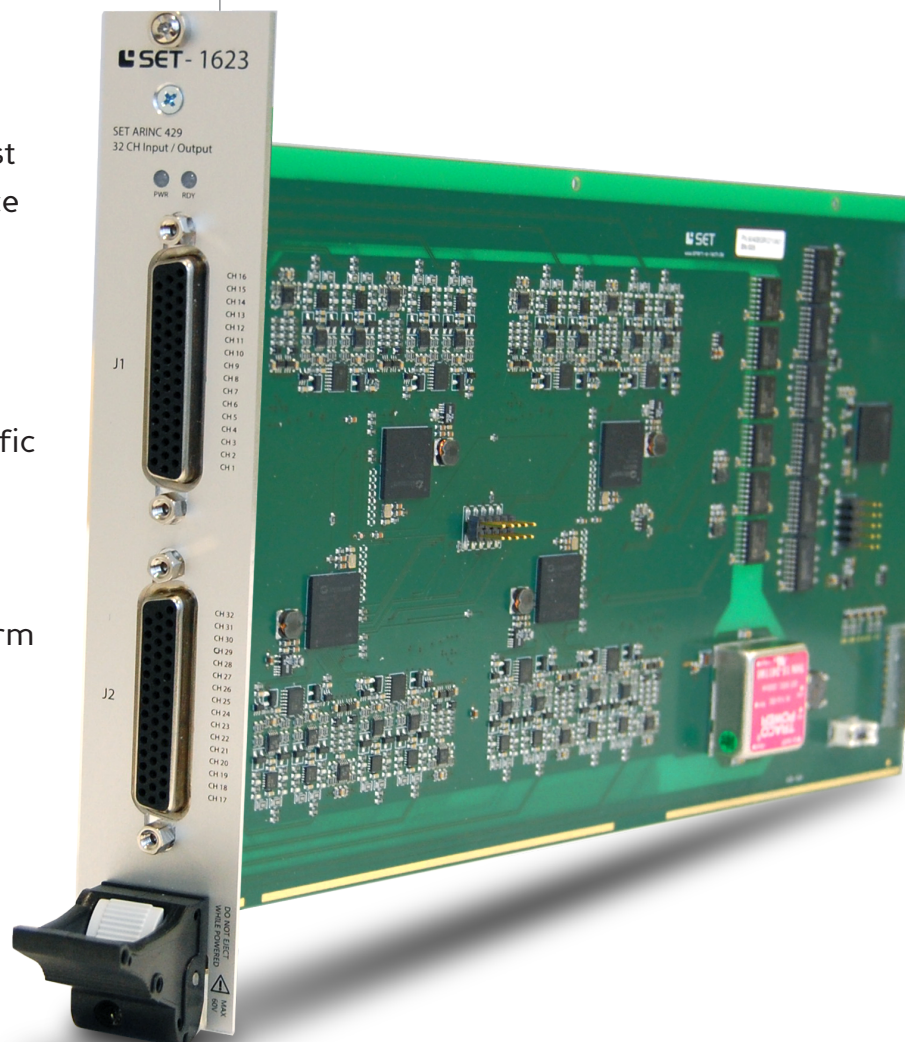
OVERVIEW



Standardized & Open Platform

The SLSC (Switch Load Signal Conditioning) platform fills the last gap in the signal chain to a Device Under Test (DUT). All components from the interface to the measurement systems, including all cables, are components of the shelf (COTS). The standardized and open platform with more than 130 modules provides a path for every industry specific signal.

As part of the National Instruments product palette offers the SLSC platform seamless integration in NI Products like VeriStand, TestStand and LabVIEW.



SLSC System

Switch Load Signal Conditioning for HiL- and functional testing

Besides signal conditioning, the SLSC platform standardizes the signal routing, switching modules and loads, can be integrated easily into all kinds of measurement systems and closes the gaps between different components of the measurement chain and the device under test.

The forced-air cooled chassis for thermic loads, the integrated error, measurement and calibration bus system as well as the one-to-one connections make the measurement system less complex and easier to maintain which in turn reduce planning, documentation and production effort.



Together with a PXI or cRIO Platform the SLSC offers all you need to fully connect to all interfaces of your DUT with COTS – all controlled with the reliably, easy to use LabVIEW programming language. The SLSC is also fully compatible with VeriStand for HIL and TestStand.

SET-SLSC available Cards

SET-1310 Isolated Input	32 ch isolated input SLSC card, constant current
SET-1320 Isolated Output	32 ch isolated output card, output enable
SET-1417 Modular Card - 8 slot input	8 slot modular AEROSpice carrier card
SET-1415 Modular Card - 8 slot output	8 slot modular AEROSpice carrier card
SET-1210 Resistor Simulation	16 ch isolated resistance simulation 1W
SET-1211 Resistor Simulation	16 ch isolated resistance simulation 5W
SET-1220 Capacitive Sensor Simulation	8 ch galvanic isolated, analog controlled
SET-2010 Routing Base Card	64 ch routing base
SET-2210 Instrument Card	Instrument connect module for SLSC 2010 routing card
SET-2310 Fault Card	Fault module for SLSC 2010 routing card
SET 1530 Ratiometric Input Card	16/32 ch ratiometric input 0-60V (in groups per 8)
SET 1531 Ratiometric Output Card	16/32 ch ratiometric output 0-60V (in groups per 8)
SET 1622 Arinc Card	16 ch input / output
SET 1623 Arinc Card	32 ch input / output
SET 1633 Arinc Fault Card	16 ch input / output



SET GmbH

August-Braun-Straße 1
D-88239 Wangen/Allgäu

T +49 75 22 916 87 - 600
F +49 75 22 916 87 - 899

info@smart-e-tech.de
www.smart-e-tech.de

