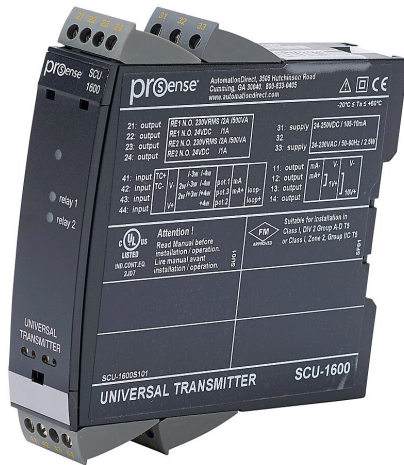


# SCU-1600 Cut Sheet



ProSense signal conditioner, isolated, current, voltage, RTD, thermocouple or potentiometer input, deg F or deg C, current, voltage or relay output, 21.6-253 VAC/19.2-300 VDC operating voltage, 35mm DIN rail mount, removable screw terminal plugs.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/SCU-1600>

## Technical Specifications

<b>Brand</b>	ProSense
<b>Item</b>	Signal conditioner
<b>Isolation</b>	Isolated
<b>Field Configurable</b>	Yes
<b>Input Current Signal Range</b>	0-20 mA, 4-20 mA
<b>Input Potentiometer Resistance</b>	10-100k Ohms
<b>Input RTD Signal Types</b>	Pt10, Pt20, Pt50, Pt100, Pt200, Pt250, Pt300, Pt400, Pt500, Pt1000, Ni50, Ni100, Ni120, Ni1000, Cu10, Cu20, Cu50 and Cu100
<b>Input Thermocouple Signal Type</b>	J, K, N, T, E, R, S, B, L, U, W3, W5, LR
<b>Input Voltage Signal Range</b>	0-1 VDC, 0.2-1 VDC, 0-5 VDC, 1-5 VDC, 0-10 VDC, 2-10 VDC, 0-12 VDC
<b>Programmable Temperature Range</b>	Deg F or deg C

<b>Output Current Signal Range</b>	0-20 mA, 4-20 mA, 20-0 mA and 20-4 mA
<b>Output Voltage Signal Range</b>	0-1 VDC, 0.2-1 VDC, 0-5 VDC, 1-5 VDC, 0-10 VDC, 2-10 VDC, 1-0 VDC, 1-0.2 VDC, 5-0 VDC, 5-1 VDC, 10-0 VDC and 10-2 VDC
<b>Relay Configuration</b>	(2) Form A (SPST) relays
<b>Load Current</b>	230 VAC 2A/24 VDC 1A maximum
<b>Operating Voltage</b>	21.6-253 VAC/19.2-300 VDC
<b>Housing Material</b>	Plastic
<b>Mounting</b>	35mm DIN rail
<b>Electrical Connection</b>	Removable screw terminal plugs
<b>Requires</b>	SCU-PDM2 for programming, sold separately

## Agency Approvals

<b>UL Listed File #</b>	E191072
<b>CE</b>	<a href="#">View CE declarations</a>
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>
<b>Other</b>	<a href="#">FM Approval Document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/SCU-1600.pdf>  
See store item page for other formats.