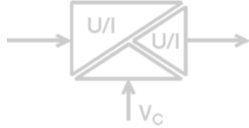
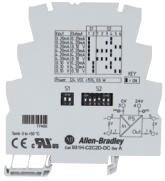
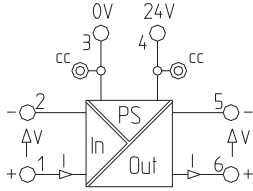


**Active Converter, 3-Way**

- Three way isolation
- Calibrated change over via DIP switch
- Power supply can be cross-connected using plug-in jumpers
- Low power loss

**931H-C2C2D-DC**

		
Specifications	<b>Active Converter, 3 Way</b>	
Wiring Diagram		
Standards Compliance	UL 508, CSA C22.2 No. 0-10, CSA C22.2 No. 14-10, EN 50178:1997, EN 61000-6-1:2007, EN 61000-6-2: 2005, EN 61000-6-3:2007, EN 61000-6-4:2007	
Certifications	cURus (NMTR2/8.E56639), CE	
<b>Input Ratings</b>		
Voltage	0...10V	
Max. Voltage	30V	
Current	0...20 mA / 4...20 mA	
Max. Current	< 100 mA	
Input Resistance (voltage/current)	100 kΩ / ≤ 5 Ω	
Voltage Drop	< 0.1V at I <sub>IN</sub> = 20 mA (current input)	
Input	Passive	
<b>Output Ratings</b>		
Voltage	0...10V	
Current	0...20 mA / 4...20 mA	
Load Impedance (voltage/current)	≥ 10 kΩ / ≤ 500 Ω	
Step Response Time	10 ms	
Accuracy	< 0.5% of final value	
Temperature Coefficient	≤ 150 ppm/K of final value	
Cut-off Frequency (-3 dB)	> 100 Hz	
Output	Active	
<b>General Specifications</b>		
Supply Voltage	24V DC ± 15%	
Power Consumption	approx. 0.6 W	
Current Carrying Capacity of Cross Connect	≤ 2 A	
Operating Temperature	0 °C...+55 °C	
Storage Temperature	-25 °C...+85 °C	
Default Settings	0...20 mA / 0...20 mA	
Rated Insulation Voltage	50V	
Isolation Voltage Input - Output	500V <sub>eff</sub> / 1 s	
Surge Category	II	
Pollution Severity	2	
L x W x H (mm)	88 x 6.1 x 97.8	
Signal Conditioner	Cat. No.	Pkg. Quantity
	931H-C2C2D-DC	1

Setting options/switch position

Input	Output	Switch							
		S1		S2					
		1	2	1	2	3	4	5	6
0 ... 20 mA	0 ... 20 mA	■	□	□	□	□	■	□	□
0 ... 20 mA	4 ... 20 mA	■	□	□	□	■	□	□	□
0 ... 20 mA	0 ... 10 V	■	□	□	□	□	□	■	■
4 ... 20 mA	0 ... 20 mA	■	□	■	■	■	□	□	□
4 ... 20 mA	4 ... 20 mA	■	□	□	□	□	□	□	□
4 ... 20 mA	0 ... 10 V	■	□	■	■	■	■	■	■
0 ... 10 V	0 ... 20 mA	□	■	□	□	■	□	□	□
0 ... 10 V	4 ... 20 mA	□	■	□	□	■	■	□	□
0 ... 10 V	0 ... 10 V	□	■	□	□	□	□	■	■

■ = on  
 □ = off

Connection

