



AVC-A420-2A420-A Datasheet

Aiming to create better and safer working environments and life experiences through the products we deliver.



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Signal Splitter

AVC-A420-2A420-A

AVCOMM AVC-A420-2A420 is 2、3、4-wire universal distributor. It has power indicator, alarm status indicator. Input and output signals can be configured, and the input/output/power channels are fully isolated. The base is centrally powered and support hot swap.



Ordering Information

Model Name	Description
AVC-A420-2A420-A1	Signal: 1 x 4-20mA input, 2 x 4-20mA output, Power input AC110-265V, Four-wire transmitter (power and signal isolated)
AVC-A420-2A420-A2	Signal: 1 x 4-20mA input, 2 x 4-20mA output, Power input AC110-265V, Two-wire loop-powered transmitter

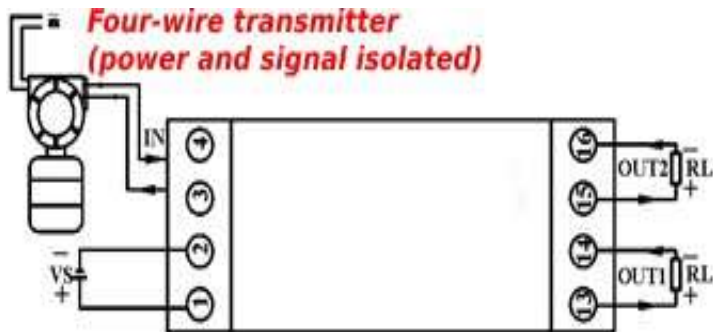
Specification

Technology	
Distribution voltage	24VDC (Maximum driving current 40mA)
Output load	0-350Ω
Response time	< 0.05s (0 ~ 90%) (TYP)
Ripple	< 10mVrms
Transmission error	The final value of 0.1%
Temperature coefficient	50ppm/K measurement /100Ω load
Insulation impedance	500VDC is greater than 100MΩ
Compressive strength	1500VAC/min
EMC compatibility	compliant with IEC61326-1
Base index	Rated voltage: DC24V, Rated current: DC5A
	Maximum voltage: DC30V
	Pressure tolerance between gold fingers: DC1500V
Power supply	110-265VAC± 25% (Power reverse protection)
Power consumption	< 1.5W
Mechanical & Environmental	
Enclosure Material	ABS flame retardant
Dimension	Terminal power supply: Thickness 13.3 x width 108 x height 110 (mm) Base power supply: Thickness 13.3 x width 113 x height 121 (mm)
Weight	~120g
Working temperature	-20°C ~ + 60°C
Working humidity	< 90% RH, Non- Condensing
Warranty	2 years



Wiring Diagram

AVC-A420-2A420-A1

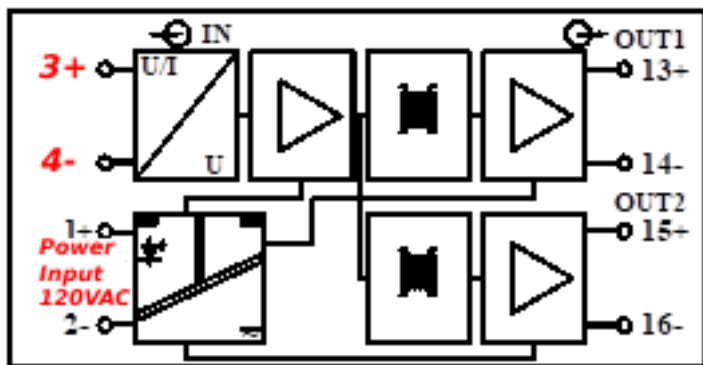


AVC-A420-2A420-A2

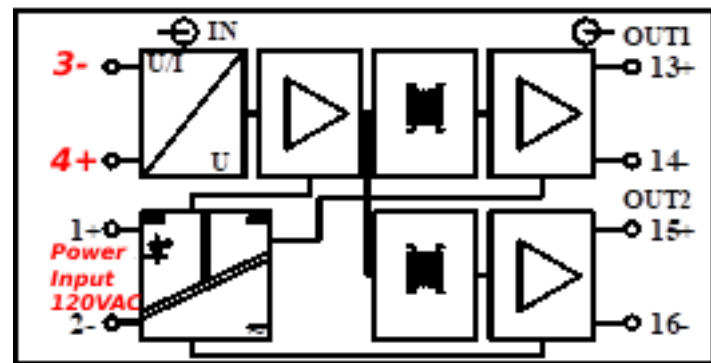


Block Diagram

AVC-A420-2A420-A1



AVC-A420-2A420-A2



Product Demission

Unit: mm

