



602310



602320



602400



600103



600100

ASCON series - Analog signal converters

The Ascon range of signal converters are compact electronic devices which measure input parameters and converts them to another signal form continuously. Converting temperature, voltage and current parameters into V, mV, mA, and RS485 outputs.

Different inputs and outputs are configurable via front mounted rotary selector dials

- 3 way - 1.5kV RMS Isolation (*Input, output and supply electrically isolated from one another*)
- Compact modular (*H*) 90.4 x (*W*) 17.5 x (*D*) 66.5 mm (*same dimensions as single pole MCB*)

type	supply voltage	selectable inputs	selectable outputs	description
------	----------------	-------------------	--------------------	-------------

ASCON 311 Signal converter (*configurable*)

602300	11 - 30 VDC	0...60mV	0...5mA	0...5V	configurable analog signal converter
		0...100mV	0...10mA	5...0V	
		0...250mV	0...20mA	0...10V	
		0...500mV	-5...5mA	10...0V	
		0...1V	-10...10mA	-5...5V	
		0...2V	-20...20mA	0...20mA	
		0...2.5V	4...20mA	20...0mA	
		0...5V	0...24mA	4...20mA	
		0...10V	4...24mA	20...4mA	
		0...20V	0...12mA	-20...20mA	

ASCON 321 PT100 converter (*configurable*)

602310	11 - 30 VDC	PT100 (2,3,4 wire) -150°C...800°C (<i>configurable</i>)	V/mA same as Ascon 311 (<i>above</i>)	configurable PT100 signal converter
--------	-------------	---	--	-------------------------------------

ASCON 331 Thermocouple converter (*configurable*)

602320	11 - 30 VDC	J:	-200°C...1200°C	V/mA same as Ascon 311 (<i>above</i>)	configurable thermocouple signal converter
		K:	-200°C...1350°C		
		E:	-200°C... 950°C		
		R:	-50°C...1750°C		
		S:	-50°C...1750°C		

ASCON 352 Signal temperature converter (*with RS485*)

602400	11 - 30 VDC	mV, V, mA	RS485	signal temperature converter to RS485
		PT100 (2,3,4 wire)		
		Thermocouple (J,K,E,R,S)		

Voltage and current transducers

Converts voltage and current signals into analog signals for monitoring/managing purposes

- 3 way - 1.5kV RMS Isolation
- Compact modular (*H*) 90.4 x (*W*) 36 x (*D*) 57.5 mm (*same dimensions as 2 pole MCB*)

VT3-AC TRMS voltage transducer

600101	85 - 265 VAC	0-24/36/54/80/120/170/25	V/mA same as Ascon 311 (<i>above</i>)	TRMS AC voltage transducer
600103	10 - 36 VDC	0/400/450/500V AC		TRMS AC voltage transducer
600105	9 - 30 VDC	(10 ranges)		loop powered voltage t/ducer

VT3-ACDC-24 TRMS voltage transducer

600106	10 - 36 VDC	0-24/54/120/250/450V AC/DC (10 ranges)	V/mA same as Ascon 311 (<i>above</i>)	TRMS AC/DC voltage transducer
--------	-------------	--	--	-------------------------------

CT3 TRMS current transducer

600100	85 - 265 VAC	0-1/2/3/4/5A AC/DC (10 ranges)	V/mA same as Ascon 311 (<i>above</i>)	TRMS AC current transducer
600102	10 - 36 VDC			TRMS AC current transducer
600104	9 - 30 VDC			loop powered current t/ducer