



602300

new



602400



600103



600106



601400

The Ascon range of signal converters are compact electronic devices which convert from one form of energy into another. Converting temperature, voltage and current parameters into V, mV, mA, and RS485 outputs. Different inputs and outputs are configurable via front mounted rotary selectors.

- 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*)

Analog signal converters

type	supply voltage	sensor type	description
ASCON 311 <i>signal converter (configurable)</i>			
Input:	mV (8 ranges) - V (12 ranges) - mA (10 ranges)		
Output:	0...5/10V, 5/10...0V, -5...5V, 0/4...20mA, 20...0/4mA, -20...20mA (10 ranges)		
602300	11-30 VDC	DC current/voltage	configurable signal converter
ASCON 321 <i>PT100 converter (configurable)</i>			
Input:	-150°C...800°C (<i>configurable</i>)		
Output:	0...5/10V, 5/10...0V, -5...5V, 0/4...20mA, 20...0/4mA, -20...20mA (10 ranges)		
602310	11-30 VDC	PT100 (2,3,4 wire)	configurable PT100 converter
ASCON 331 <i>thermocouple converter (configurable)</i>			
Input:	J, K, E, R, S (<i>configurable</i>)		
Output:	0...5/10V, 5/10...0V, -5...5V, 0/4...20mA, 20...0/4mA, -20...20mA (10 ranges)		
602320	11-30 VDC	thermocouple	configurable thermocouple converter
ASCON 352 <i>signal - temperature converter with RS485</i>			
Input:	30 signal combinations, PT100 (2,3,4 wire), Thermocouple type J, K, E, R, S		
Output:	RS485		
602400	11-30 VDC	all above	signal-temperature converter

Voltage and current transducers

Convert 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 double pole MCB*)

VT3 true RMS voltage transducer

Input:	0-24/36/54/80/120/170/250/400/450/500 VAC (10 ranges)		
Output:	0...5/10V, 5/10...0V, -5...5V, 0/4...20mA, 20...0/4mA, -20...20mA (10 ranges)		
600101	85-265 VAC	TRMS voltage	true RMS voltage transducer
600103	10-36 VDC	TRMS voltage	true RMS voltage transducer
600105	9-30 VDC	TRMS voltage	loop powered voltage transducer

Input:	0-24/54/120/250/450 VAC/DC (10 ranges)		
600106	10-36 VDC	TRMS voltage	true RMS voltage transducer

CT3 true RMS current transducer

Input:	0-1/2/3/4/5A AC (5 ranges)		
Output:	0...5/10V, 5/10...0V, -5...5V, 0/4...20mA, 20...0/4mA, -20...20mA (10 ranges)		
600100	85-26 VAC	TRMS current	true RMS current transducer
600102	10-36 VDC	TRMS current	true RMS current transducer
600104	9-30 VDC	TRMS current	loop powered current transducer

ETOR Ethernet gateway

A communication device which converts between serial and Ethernet protocols in order to monitor and control serial devices over internet network or Ethernet based devices over serial network.

- Fast data transmission for serial devices (*up to 115Kbps*)
- Integrated galvanic isolation between Ethernet, modbus and supply provides line protection
- Anti-noise circuit eliminates the effects of EMI
- Configurable over USB or WEB server thanks to dual-mode configuration
- Compact modular (*H*) 90.4 x (*W*) 17.5 x (*D*) 66.5 mm (*same dimensions as single pole MCB*)

ETOR-4 <i>Ethernet gateway (TCP/IP - RS485)</i>			
601400	18-50 VAC/DC	TCP/IP - RS485	modular Ethernet gateway
ETOR-2 <i>Ethernet gateway (TCP/IP - RS232)</i>			
601401	18-50 VAC/DC	TCP/IP - RS232	modular Ethernet gateway