



# SMARTMOD+

# SMARTMOD+

- Compact Expandable Remote I/O
- Supports Modbus TCP/IP, CANopen and Modbus RTU
- Cost effectively provide additional points of I/O
- DIN-Rail mountable
- Easier to Configure
- Capable of satisfying the requirements of small to medium size automation systems
- Maximum performance and process reliability



# SMARTMOD+ I/O MODBUS RTU

## Modbus RTU (HE379)

- Connects via RS-485 Modbus/RTU to any X-Series OCS or other OCS/RCS family controller
- Dip-switches on the front allow for easier configuration
- DIN rail mountable
- Optical Isolation
- Response time suitable for most analogue applications
- A Selection of SmartMod+ Modbus RTU modules are available to choose from including:
  - ❖ DC In, DC Out
  - ❖ Analogue In, Analogue Out
  - ❖ Relay
  - ❖ RTD
  - ❖ Thermocouple



# SMARTMOD+ I/O MODBUS RTU

## SELECTION GUIDE

	DC In	DC Out	Relay Out	mA In	V In	mA/V Out	T/C	RTD
HE379DIM616	16							
HE379DIQ516	8	8						
HE379DIQ610	8		2					
HE379ADC120				4				
HE379ADC207					8			
HE379ADC107						4		
HE379THM200							8	
HE379THM100							4	
HE379RTD200								8
HE379RTD100								4
HE379GTW100								



# SMARTMOD+ I/O CANOPEN

## CANopen (HE389)

- The CANopen communication protocol allows direct interface with any X-Series OCS or other OCS/RCS family controller
- DIN rail mountable
- Baud rate and ID Node programmable by dip-switch
- Data Transmission Baud rate up to 1 Mbps
- A Selection of CANopen SmartMod+ I/O modules are available to choose from including:
  - ❖ DC In, DC Out
  - ❖ Analogue In
  - ❖ Relay
  - ❖ RTD



# SMARTMOD+ I/O CANOPEN

## SELECTION GUIDE

	DC In	DC Out	Relay Out	mA In	V In	mA/V Out	T/C	RTD
HE389DIM610	16							
HE389DIQ516	8	8						
HE389DIQ512	8		4					
HE389ADC107						4		
HE389THM100							4	
HE389RTD100								4



# SMARTMOD+ I/O MODBUS TCP/IP

## Modbus TCP/IP (HE399)

- Two versions available, the more traditional slice and a low-profile variation.
- Connects to Ethernet via RJ45 to any X-Series OCS or other OCS/RCS family controller
- DIN rail mountable
- Removable screw-terminals
- A Selection of SmartMod+ Modbus TCP/IP modules are available to choose from including:
  - ❖ DC In, DC Out
  - ❖ Analogue In, Analogue Out
  - ❖ Relay
  - ❖ RTD
  - ❖ Thermocouple



# SMARTMOD+ I/O MODBUS TCP/IP

## SELECTION GUIDE

	DC In	DC Out	Relay Out	mA In	V In	mA/V Out	T/C	RTD
HE399DIM610	16							
HE399DIQ612	8	8						
HE399DIQ522	8		4					
HE399ADC220				8				
HE399ADC207					8			
HE399ADC107						4		
HE399DAC200						4		
HE399THM100							4	
HE399THM200							8	
HE399RTD100								4
HE399RTD200								8

