



STAREAST
INTERNATIONAL

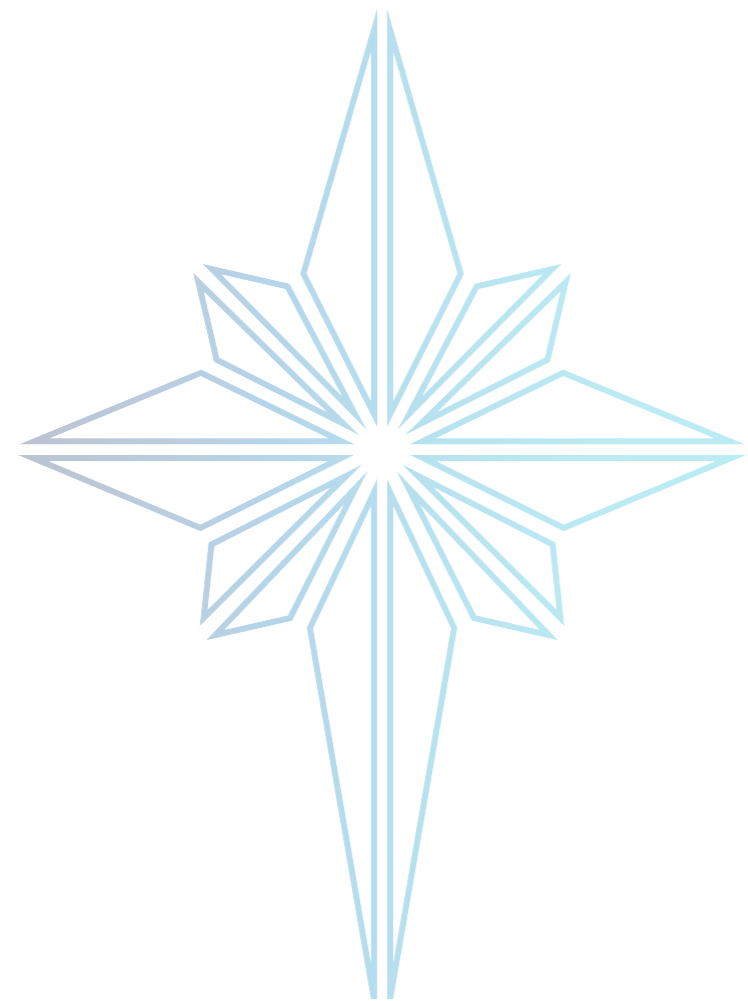


EVCO

Every Control Group

CATALOGUE





Stareast International is an Australian owned business that has successfully operated in Australia for over 50 years. Stareast International supplies to the Australian and New Zealand commercial and domestic refrigeration and air conditioning markets.

Products supplied include package units, replacement parts, quality trade tools, refrigerant, and other gases.

Services provided include system design, engineered solutions and equipment solutions.



 **Controllers for refrigeration** **2 - 18**

- Medium Temperature 3
- Low Temperature 7
- DIN Rail Mount Controllers 12
- EVBOX 13
- PC Boards + Display Face 15
- Wi-Fi Controllers - EPoCA 17

 **Universal controllers** **20 - 27**

- Temperature / Heating Controllers 21

 **Controllers for food equipment** **28 - 33**

- Humidity Controllers 29

 **Probes, transducers, protection and alarm devices** **34 - 46**

- Transformers 36
- Transducers 37
- Humidity Sensors 38
- NTC Probes / Sensors 39
- PTC Probes / Sensors 41
- PT100 RTD 42
- J' & 'K' Type Thermocouples 43
- Safety Switch 45

UPDATE IMAGE TO HIGH RES



iStock
Credit: Danllin

Controllers for refrigeration

For over twenty-five years, EVCO has been providing standard and customised solutions for refrigeration, catering and air conditioning, with excellence, reliability and innovation guaranteed.

EVCO develop new technology for monitoring and controlling cold chains, cooking processes and airconditioning systems, optimizing the efficiency, longevity and reliability of such equipment. The result is not only energy savings and reduced environmental impact, but also greater safety, in compliance with food standards.

EVCO offer the advantage of remote management through laptops, tablets and smartphones, while ensuring data protection and traceability.

EVCO use waste-free production processes and our quest for perfection follows the KAIZEN philosophy of continuous improvement. Their organization operates under the ISO 9001:2008 quality management system and the ISO 14001:2004 environmental management system, in order to achieve and increase customer satisfaction.

MEDIUM TEMPERATURE

EV3X

EV3X21N7 is an extremely small size basic controller for the management of medium temperature bottle coolers, refrigerated cabinets, tables and pizza counters with energy saving strategies. Installation is by panel, with snap-in brackets.



BACK OF PRODUCT

EVCO EV3X21N7 MEDIUM TEMPERATURE CONTROLLER

STOCK CODE: EV3X21N7

- **Temperature** - for medium temperature units
- **Depth** - extremely small
- **Power supply** - 230 | 230 VAC
- **Analog inputs** - room probe (PTC/NTC)
- **Configurable inputs** - analogue input (PTC/NTC) or digital input (multipurpose)
[the two options are mutually exclusive and can be selected by parameter]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 16 A
- **Other features** - operation with EV3KEY, cooling/heating operation, condenser overheat alarm system, adaptive defrost management and energy saving function

ALTERNATIVE PHOTO
UPDATE IMAGE TO HIGH RES



Controllers for refrigeration

For over twenty-five years, EVCO has been providing standard and customised solutions for refrigeration, catering and air conditioning, with excellence, reliability and innovation guaranteed.

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MEDIUM TEMPERATURE

EV3X

EV3X21N7 is an extremely small size basic controller for the management of medium temperature bottle coolers, refrigerated cabinets, tables and pizza counters with energy saving strategies. Installation is by panel, with snap-in brackets.



BACK OF PRODUCT

EVCO EV3X21N7 MEDIUM TEMPERATURE CONTROLLER

STOCK CODE: EV3X21N7

- **Temperature** - for medium temperature units
- **Depth** - extremely small
- **Power supply** - 230 | 230 VAC
- **Analog inputs** - room probe (PTC/NTC)
- **Configurable inputs** - analogue input (PTC/NTC) or digital input (multipurpose)
[the two options are mutually exclusive and can be selected by parameter]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 16 A
- **Other features** - operation with EV3KEY, cooling/heating operation, condenser overheat alarm system, adaptive defrost management and energy saving function

MEDIUM TEMPERATURE

EV3B

EV3B are a range of elegantly designed, small size basic controllers for the management of bottle coolers, refrigerated cabinets, tables and pizza counters with energy saving strategies. Both EV3B31N7 and EV3B32N7 have a 30 res. A @ 250 VAC electromechanical relay for the direct control of high power compressors, avoiding the use of contactors. Installation is by panel, with snap-in brackets.



BACK OF PRODUCT

EVCO EV3B31N7 MEDIUM TEMPERATURE CONTROLLER

STOCK CODE: EV3B31N7

- **Temperature** - for medium temperature units
- **Depth** - small
- **Power supply** - 230 | 230 VAC
- **Analog inputs** - room probe (PTC/NTC)
- **Configurable inputs** - analogue input (PTC/NTC) or digital input
(multipurpose)[the two options are mutually exclusive and can be selected by parameter]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 30 A
- **Other features** - operation with EV3KEY, cooling/heating operation, condenser overheat alarm system, adaptive defrost management and energy saving function

EVCO EV3B32N7 MEDIUM & LOW TEMPERATURE CONTROLLER

STOCK CODE: EV3B32N7

- **Temperature** - for medium and low temperature units
- **Depth** - small
- **Power supply** - 230 | 230 VAC
- **Analog inputs** - room probe (PTC/NTC) and auxiliary probe (PTC/NTC)
- **Digital inputs** (for NA/NC contact) - door switch/multipurpose
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 30 A and load 2 (default evaporator fan) 8 A
[configurable for defrost, evaporator fan, room light or alarm]
- **Other features** - operation with EV3KEY, cooling/heating operation, condenser overheat alarm system, adaptive defrost management and energy saving function

MEDIUM TEMPERATURE

EV3 200

The EV3 series 200 controllers are temperature regulators for the management of refrigerated cabinets, counters and islands with energy saving strategies.



BACK OF PRODUCT

EV3221N3 is a compact and stylish designed medium temperature regulator with a TTL port for MODBUS serial communication.

EVCO EV3221N3 MEDIUM TEMPERATURE CONTROLLER

STOCK CODE: EV3221N3

- **Temperature** - for medium temperature units
- **Connections** - fixed screw terminal blocks
- **Power supply** - 12-24 VAC/DC
- **Analog inputs** - cabinet probe (PTC/NTC)
- **Configurable inputs** (analogue or digital) - Auxiliary probe (PTC/NTC) or door switch/multipurpose
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 16 A
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module)
- **Other features** - alarm buzzer, operates with EV3KEY, overcooling function, energy saving function, adaptive defrost management system and cooling/heating function mode
- **Optional features** - Clock (EVIF23TSX module)

MEDIUM TEMPERATURE

EVR

EVR is a range of controllers with elegant design for the management of small cold rooms, refrigerated display units, ice-cream, pastry and butcher's shop counters.

EVR221N7 comes in a compact version. Installation is by panel (from the front), with hooking elastic fins and needs less depth.



BACK OF PRODUCT

EVCO EVR221N7 MEDIUM TEMPERATURE CONTROLLER

STOCK CODE: EVR221N7

- **Temperature** - for medium temperature units
- Comes in a compact version
- **Power supply** - 230 | 230 VAC
- **Analog inputs** - room probe (PTC/NTC)
- **Digital inputs** (for NA/NC contact) - door switch/multipurpose
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 16 A in-rush
- **Communications ports** - MODBUS TTL, for EVKEY programming key and for other EVCO products
- **Other features** - energy saving function and quick cooling function
- **Available options** - alarm buzzer

LOW TEMPERATURE

EV3B

EV3B are a range of elegantly designed, small size basic controllers for the management of bottle coolers, refrigerated cabinets, tables and pizza counters with energy saving strategies.



BACK OF PRODUCT

EVCO EV3B23N7 LOW TEMPERATURE CONTROLLER

STOCK CODE: EV3B23N7

- **Temperature** - for low temperature units
- **Depth** - small
- **Power supply** - 230 | 230 VAC
- **Analog inputs** - room probe (PTC/NTC) and auxiliary probe (PTC/NTC)
- **Digital inputs** (for NA/NC contact) - door switch/multipurpose
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 16 A, defrost 8 A and evaporator fan 5 A
- **Other features** - operation with EV3KEY, cooling/heating operation, condenser overheat alarm system, adaptive defrost management and energy saving function

EVCO EV3B24N7 LOW TEMPERATURE CONTROLLER

STOCK CODE: EV3B24N7

- **Temperature** - for low temperature units
- **NO INFORMATION AVAILABLE FOR THIS PRODUCT. (PLEASE SUPPLY MORE DETAILED CONTENT FOR THIS PRODUCT IN SIMILAR FORMAT TO THE OTHER PRODUCTS FOR CONSISTENCY)**

LOW TEMPERATURE

EV3 200

The EV3 series 200 controllers are temperature regulators for the management of refrigerated cabinets, counters and islands with energy saving strategies.



BACK OF PRODUCT

EVCO EV3223N3 LOW TEMPERATURE CONTROLLER

STOCK CODE: EV3223N3

- **Temperature** - for low temperature units
- **Connections** - fixed screw terminal blocks
- **Power supply** - 12-24 VAC/DC
- **Analog inputs** - cabinet probe (PTC/NTC) and sonda ausiliaria (PTC/NTC)
- **Digital inputs** - door switch/multipurpose
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 16 A, defrost 8 A and evaporator fans 5 A
- **Communications ports** - MODBUS TTL
- **Other features** - alarm buzzer, operates with EV3KEY, overcooling function, energy saving function, adaptive defrost management system and cooling/heating function mode
- **Additional features** (with accessories) - real-time and HACCP functions (with EVIF23TSX clock module)
- **Available options** - also available in a version for hydrocarbon equipment, as well as an option of an alarm buzzer.

LOW TEMPERATURE

EVCO EV3224N3 LOW TEMPERATURE CONTROLLER

STOCK CODE: EV3224N3

- **Temperature** - for low temperature units
- **Connections** - fixed screw terminal blocks
- **Power supply** - 12-24 VAC/DC
- **Analog inputs** - cabinet probe (PTC/NTC) and evaporator probe (PTC/NTC)
- **Digital inputs** - door switch/multipurpose
- **Configurable inputs** (analogue or digital) - Auxiliary probe (PTC/NTC) or door switch/multipurpose
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 16 A, defrost 8 A, evaporator fans 2 A and cabinet light (configurable) 16 A
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module)
- **Other features** - alarm buzzer, operates with EV3KEY, overcooling function, energy saving function, adaptive defrost management system, cooling/heating function mode and multi-deck function
- **Optional features** - Clock (EVIF23TSX module)

EVCO EV3224N9RRXRS LOW TEMPERATURE CONTROLLER

STOCK CODE: EV3224N9RRXRS

- **Temperature** - for low temperature units
- **Connections** - plug-in screw terminal blocks
- **Power supply** - 115... 230 VAC
- **Analog inputs** - cabinet probe (PTC/NTC) and evaporator probe (PTC/NTC)
- **Digital inputs** - door switch
- **Configurable inputs** (analogue or digital) - Auxiliary probe (PTC/NTC) or door switch/multipurpose
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 16 A, defrost 8 A, evaporator fans 5 A and cabinet light (configurable) 5 A
- **Communications ports** - MODBUS RS-485
- **Connectivity** - RS-485 MODBUS RTU (built-in)
- **Other features** - Clock, alarm buzzer, operates with EV3KEY, overcooling function, energy saving function, adaptive defrost management system, cooling/heating function mode and multi-deck function

LOW TEMPERATURE

EVR

A controller with an elegant design for the management of small cold rooms, refrigerated display units, ice-cream, pastry and butcher's shop counters.



BACK OF PRODUCT

EVCO EVR204N7 LOW TEMPERATURE CONTROLLER

STOCK CODE: EVR204N7

- **Temperature** - for low temperature units
- Comes in a compact version
- **Power supply** - 230 | 230 VAC
- **Analog inputs** - room probe (PTC/NTC), evaporator probe (PTC/NTC) and condenser probe (PTC/NTC)
[configurable for analog input for PTC/NTC probes or for digital input]
- **Digital inputs** (for NA/NC contact) - door switch/multipurpose and door switch/multipurpose 2
[configurable for analog input for PTC/NTC probes or for digital input]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 16 A in-rush, defrost 8 A, evaporator fan 5 A and load 4 (default room light) 8 A
[configurable for room light, demisting heaters, auxiliary, alarm, door heaters, heaters for neutral zone operation or condenser fan]
- **Communications ports** - MODBUS TTL, for EVKEY programming key and for other EVCO products
- **Other features** - low or high relative humidity percentage operation, condenser overheat alarm system, adaptive defrost management, energy saving function and quick cooling function
- **Available options** - alarm buzzer

LOW TEMPERATURE

EVJ 200

EVJ 200 (EVJumbo) are extra-large controllers for refrigerated cabinets and display units with energy saving strategies. EVJ204N7 comes in a compact version.



BACK OF PRODUCT

EVCO EVJ204N7 LOW TEMPERATURE CONTROLLER

STOCK CODE: EVJ204N7

- **Temperature** - for low temperature units
- Comes in a compact version
- **Power supply** - 230 | 230 VAC
- **Analog inputs** - cabinet probe (PTC/NTC) and evaporator probe (PTC/NTC)
- **Digital inputs** - door switch
- **Configurable inputs** - analogue input (NTC) or digital input (multipurpose)
[the two options are mutually exclusive and can be selected by parameter]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 16 A, defrost 8 A, evaporator fans 5 A and cabinet light (configurable) 8 A
- **Communications ports** - MODBUS TTL
- **Other features** - alarm buzzer, overcooling function, energy saving function, adaptive defrost management system and function for high/low relative humidity percentage
- **Additional features** (with accessories) - configuration operations, view alarms, machine status and historic HACCP data from smartphones and tablets using the EVconnect app (Evlink Bluetooth interface)
- **Available options** - also available in open-frame version, as well as available in a version for hydrocarbon equipment and option of plug-in screw terminal blocks (fixed-screw as standard)

DIN RAIL MOUNT CONTROLLERS

EV6

EV6 is a range of controllers for the management of cold rooms. They are available in compact version, in the standard size 3 DIN modules. Installation is on DIN rail, into a control panel.



BACK OF PRODUCT

EVCO EV6221P7 MEDIUM TEMPERATURE DIN RAIL MOUNT CONTROLLER

STOCK CODE: EV6221P7

- **Temperature** - for medium temperature units
- **Power supply** - 230 VAC
- **Analog inputs** - room probe (PTC/NTC) and auxiliary probe (PTC/NTC)
[configurable for analog input for PTC/NTC probes or for digital input.] [configurable for evaporator probe or condenser probe]
- **Digital inputs** (for NA/NC contact) - door switch/multipurpose [configurable for analog input for PTC/NTC probes or for digital input]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 8 A
- **Other features** - condenser overheat alarm system and defrost management
- **Available options** - alarm buzzer, as well as MODBUS TTL port, for EVKEY programming key and for other EVCO products, as well as an option of port for EVT100 remote indicator

EVCO EV6223P7 LOW TEMPERATURE DIN RAIL MOUNT CONTROLLER

STOCK CODE: EV6223P7

- **Temperature** - for low temperature units
- **Power supply** - 230 | 230 VAC
- **Analog inputs** - room probe (PTC/NTC) and evaporator probe (PTC/NTC)
- **Digital inputs** (for NA/NC contact) - door switch/multipurpose
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 16 A, defrost 8 A and vaporator fan 8 A
- **Other features** - defrost management
- **Available options** - alarm buzzer, as well as MODBUS TTL port, for EVKEY programming key and for other EVCO products, as well as an option of port for EVT100 remote indicator

EVBOX

EVBOX1

EVBOX1 is a range of electrical controllers for the management of single-phase cold rooms.

The controllers are designed to be wallmounted, with fixing screws and plugs.



BACK OF PRODUCT

EVCO EVB1204N9XXC01 EVBOX

STOCK CODE: EVB1204N9XXC01

- Switchboards with direct loads connection
- **Power supply** - 115... 230 VAC
- **Analog inputs** - room probe (PTC/NTC/Pt 1000), evaporator probe (PTC/NTC/Pt 1000) and auxiliary probe (PTC/NTC/Pt 1000)
[configurable for condenser temperature probe, critical temperature probe, evaporator 2 temperature probe or CPT probe]
- **Digital inputs** (for NA/NC contact) - door switch, multipurpose and multipurpose 2
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 30 A, defrost 16 A, evaporator fan 30 A and load 4 (default room light) 8 A
[configurable for room light, demisting heaters, auxiliary, alarm, door heaters, heaters for neutral zone operation, condenser fan, compressor 2, defrost 2, evaporator fan 2, pump down valve, on/stand-by or man in cabinet]
- **Communication ports** - MODBUS RS-485 for other EVCO products
- **Other features** - alarm buzzer, low or high relative humidity percentage operation, condenser overheat alarm system, adaptive defrost management, multideck function, energy saving function and quick cooling function
- **NO INFORMATION AVAILABLE FOR THIS PRODUCT. HAVE USED CONTENT FOR SIMILAR ITEMS EVB1204N9 AND EVB1204N9XXC HERE, AS INFO ON ITEM EVB1204N9XXC01 NOT AVAILABLE. PLEASE CHECK INFO IS CORRECT AS HAVE USED INFO FROM SIMILAR PRODUCTS.**

EVBOX

EVBOX Light J200

EVBOX Light J200 is a frontal electrical panel for managing single-phase cold rooms with on-board moto-condensing units. Equipped with 4 relay outputs, the electrical panel can regulate the most varied equipment configurations on the market with great flexibility and energy savings. The controller is compatible with the APP Evconnect and system EPoCA.



EVCO EVLJ224N7 EVBOX

STOCK CODE: EVLJ224N7

- Solution for single-phase cold rooms with on-board moto-condensing units
- **Power supply** - 230 VAC
- **Analog inputs** - cabinet probe (PTC/NTC) and evaporator probe (PTC/NTC)
- **Digital inputs** (for NA/NC contact) - door switch
- **Configurable inputs** (analogue or digital) - Auxiliary probe (PTC/NTC) or door switch/multipurpose
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor (configurable) 16 A, defrost (configurable) 8 A, evaporator fans (configurable) 5 A and cabinet light (configurable) 8 A
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module), Wi-Fi EPoCA/MODBUS TCP (optional through the EVlinking Wi-Fi module with separate 12 Vac/15 Vdc power supply) and Ethernet EPoCA/MODBUS TCP (optional through the controller/gateway EV3 200 Web)
- **Other features** - alarm buzzer, overcooling function, energy saving function, adaptive defrost management system and function for high/low relative humidity percentage
- **Optional features** - clock (EVIF23TSX module)

PC BOARDS + DISPLAY FACE

EVR

EVR is a range of controllers for small cold rooms, refrigerated display units, ice-cream, butcher's shop and pastry counters. The EVRS204N9VXB controller is for low temperature units, in split version.



BACK OF PRODUCT

EVCO EVRS204N9VXB PRODUCT NAME

STOCK CODE: EVRS204N9VXB

- Controller for low temperature units
- Comes in a split version
- 240v, 4 relays Single Compressor
- **Power supply** - 115... 230 VAC
- **Analog inputs** - 2/3 for PTC/NTC (PLEASE SUPPLY DETAILS)
- 4 relays (PLEASE SUPPLY DETAILS)
- **Compressor relay** - 30 res. A @ 250 VAC (PLEASE SUPPLY DETAILS)
- **Options** - alarm buzzer
- **Other** - digital inputs, MODBUS TTL port (PLEASE SUPPLY DETAILS)
- (PLEASE SUPPLY MORE DETAILED CONTENT FOR THIS PRODUCT IN SIMILAR FORMAT TO THE OTHER PRODUCTS FOR CONSISTENCY)

EVCO EVRS205N8VXB PRODUCT NAME

STOCK CODE: EVRS205N8VXB

- 240v, 5 Relays, Dual Compressor
- (PLEASE SUPPLY MORE DETAILED CONTENT FOR THIS PRODUCT IN SIMILAR FORMAT TO THE OTHER PRODUCTS FOR CONSISTENCY)

PC BOARDS + DISPLAY FACE

EVG

EVG Body Text Obiston sequae dolum quae sequae omniatur Obiston sequae ghe dolum quae omniatur Obiston sequae dolum quae omniatur. Obiston sequae dolum quae omniatur.



FRONT OF PRODUCT

BACK OF PRODUCT

EVCO EVG003X9X PRODUCT NAME

STOCK CODE: EVG003X9X

- 240v, 3 Relays, single Compressor
- (PLEASE SUPPLY MORE DETAILED CONTENT FOR THIS PRODUCT IN SIMILAR FORMAT TO THE OTHER PRODUCTS FOR CONSISTENCY)

EVCO EVG004X9X PRODUCT NAME

STOCK CODE: EVG004X9X

- 240v, 3 Relays, Dual Compressor
- (PLEASE SUPPLY MORE DETAILED CONTENT FOR THIS PRODUCT IN SIMILAR FORMAT TO THE OTHER PRODUCTS FOR CONSISTENCY)

WIFI CONTROLLERS - EPOCA

EV3 200 WEB

EV3 200 Web is a controller for refrigeration unit with IoT gateway for EPoCA system (up to 10 units).



BACK OF PRODUCT

EVCO EV3W24N9R WIFI CONTROLLER

STOCK CODE: EV3W24N9R

- **Connections** - plug-in screw terminal blocks
- **Power supply** - 115... 230 VAC
- **Analog inputs** - cabinet probe (PTC/NTC) and evaporator probe (PTC/NTC)
- **Digital inputs** - door switch
- **Configurable inputs** (analogue or digital) - Auxiliary probe (PTC/NTC) or door switch/multipurpose
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - compressor 16 A, defrost 8 A, evaporator fans 5 A and cabinet light (configurable) 5 A
- **Communications ports** - RS-485 MODBUS master and Ethernet
- **Other features** - clock, alarm buzzer, operates with EV3KEY, overcooling function, energy saving function, adaptive defrost management system, cooling/heating function mode, multi-deck function and Management via the EPoCA cloud platform

WIFI CONTROLLERS - EPOCA

EVBOX1

Switchboards for single-phase cold rooms with integrated Wi-Fi connectivity.



BACK OF PRODUCT

EVCO EVB1206N9XWX EVBOX1 SWITCHBOARD WITH WIFI

STOCK CODE: EVB1206N9XWX

- Switchboard with loads separated from power supply
- Compatible with the system EPoCA
- **Power supply** - 115... 230 VAC
- **Analog inputs** - 3 for PTC/NTC/2 wires Pt 1000 (PLEASE SUPPLY DETAILS)
- 6 relays (PLEASE SUPPLY DETAILS)
- **Compressor relay** - 30 res. A @ 250 VAC (PLEASE SUPPLY DETAILS)
- **Other** - real time clock, digital inputs, alarm buzzer, MODBUS RS-485 port, incorporated Wi-Fi sensor (PLEASE SUPPLY DETAILS)
- (PLEASE SUPPLY MORE DETAILED CONTENT FOR THIS PRODUCT IN SIMILAR FORMAT TO THE OTHER PRODUCTS FOR CONSISTENCY)

UPDATE IMAGE TO HIGH RES

iStock
Credit: Klinwun

Universal controllers

EVCO offers a series of universal controllers, in both the EV3 and EV6 models.

The EV3 400 range of controllers is designed for all industrial environments in which precise temperature control is of vital importance. They are available in 1, 2 and 3 step temperature with 1, 2 and 3 regulation outputs.

Also available are 1 step temperature controller in the EV6 range. The EV6 1 step temperature controllers are available in compact version, in the standard size 3 DIN modules; the user interface consists of a custom display (with decimal point and function icons), three keys and guarantees an IP54 protection rating, for easy cleaning. Some controllers have the neutral zone operation. Installation is on DIN rail, into a control panel.

TEMPERATURE / HEATING CONTROLLERS

EV3 400 series - 1 step temperature controllers

The EV3 400 range of controllers is designed for all industrial environments in which precise temperature control is of vital importance. 1 step temperature controllers are controllers with 1 regulation output.



BACK OF PRODUCT

EVCO EV3401P7 1 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV3401P7

- **Power supply** - 230 VAC
- **Analog inputs** - Regulation probe (PTC/NTC)
- **Digital inputs** - multipurpose
[not available if the analogue input is configured for Pt 100/Pt 1000/Ni 120 3 wires]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - load 16 A
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module, model EVIF24TSX)
- **Other features** - alarm buzzer and operates with EV3KEY
- **Optional features** - plug-in screw terminal blocks (fixed-screw as standard).

EVCO EV3401P3 1 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV3401P3

- **Power supply** - 12-24 VAC/DC
- **Analog inputs** - Regulation probe (PTC/NTC)
- **Digital inputs** - multipurpose
[not available if the analogue input is configured for Pt 100/Pt 1000/Ni 120 3 wires]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - load 16 A
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module, model EVIF24TSX)
- **Other features** - alarm buzzer and operates with EV3KEY
- **Optional features** - plug-in screw terminal blocks (fixed-screw as standard)

ALTERNATIVE PHOTO
UPDATE IMAGE TO HIGH RES

Universal controllers

EVCO offers a series of universal controllers, in both the EV3 and EV6 models.

The EV3 400 range of controllers is designed for all industrial environments in which precise temperature control is of vital importance. They are available in 1, 2 and 3 step temperature with 1, 2 and 3 regulation outputs.

Also available are 1 step temperature controller in the EV6 range. The EV6 1 step temperature controllers are available in compact version, in the standard size 3 DIN modules; the user interface consists of a custom display (with decimal point and function icons), three keys and guarantees an IP54 protection rating, for easy cleaning. Some controllers have the neutral zone operation. Installation is on DIN rail, into a control panel.

TEMPERATURE / HEATING CONTROLLERS

EV3 400 series - 1 step temperature controllers

The EV3 400 range of controllers is designed for all industrial environments in which precise temperature control is of vital importance. 1 step temperature controllers are controllers with 1 regulation output.



BACK OF PRODUCT

EVCO EV3401P7 1 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV3401P7

- **Power supply** - 230 VAC
- **Analog inputs** - Regulation probe (PTC/NTC)
- **Digital inputs** - multipurpose
[not available if the analogue input is configured for Pt 100/Pt 1000/Ni 120 3 wires]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - load 16 A
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module, model EVIF24TSX)
- **Other features** - alarm buzzer and operates with EV3KEY
- **Optional features** - plug-in screw terminal blocks (fixed-screw as standard).

EVCO EV3401P3 1 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV3401P3

- **Power supply** - 12-24 VAC/DC
- **Analog inputs** - Regulation probe (PTC/NTC)
- **Digital inputs** - multipurpose
[not available if the analogue input is configured for Pt 100/Pt 1000/Ni 120 3 wires]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - load 16 A
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module, model EVIF24TSX)
- **Other features** - alarm buzzer and operates with EV3KEY
- **Optional features** - plug-in screw terminal blocks (fixed-screw as standard)

TEMPERATURE / HEATING CONTROLLERS

EVCO EV3411M3 1 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV3411M3

- **Power supply** - 12-24 VAC/DC
- **Analog inputs** - Regulation probe (multi-sensor)
[PTC/NTC/J/K/Pt 100/Pt 1000/Ni 120/0-20 mA/4-20 mA/0-10 V/2-10 V]
- **Digital inputs** - multipurpose
[not available if the analogue input is configured for Pt 100/Pt 1000/Ni 120 3 wires]
- **Analog outputs** - analog output (0-10 V/PWM)
[available in models with 12-24 VAC/DC power supply if powered with 24 VAC/DC]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - load 16 A
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module, model EVIF22TSX), Bluetooth Low Energy for EVconnect app (optional through the EVlinking BLE module), Wi-Fi EPoCA/MODBUS TCP (optional through the EVlinking Wi-Fi module with separate 12 Vac/15 Vdc power supply) and Ethernet EPoCA/MODBUS TCP (optional through the controller/gateway EV3 200 Web)
- **Other features** - alarm buzzer, On-off/PID control and operates with EV3KEY
- **Optional features** - plug-in screw terminal blocks (fixed-screw as standard).

EVCO EV3411M7 1 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV3411M7

- **Power supply** - 230 VAC
- **Analog inputs** - regulation probe (multi-sensor)
[PTC/NTC/J/K/Pt 100/Pt 1000/Ni 120/0-20 mA/4-20 mA/0-10 V/2-10 V]
- **Digital inputs** - multipurpose
[not available if the analogue input is configured for Pt 100/Pt 1000/Ni 120 3 wires]
- **Analog outputs** - analog output (0-10 V/PWM)
[available in models with 12-24 VAC/DC power supply if powered with 24 VAC/DC]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - load 16 A
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module, model EVIF22TSX), Bluetooth Low Energy for EVconnect app (optional through the EVlinking BLE module), Wi-Fi EPoCA/MODBUS TCP (optional through the EVlinking Wi-Fi module with separate 12 Vac/15 Vdc power supply) and Ethernet EPoCA/MODBUS TCP (optional through the controller/gateway EV3 200 Web)
- **Other features** - alarm buzzer, On-off/PID control and operates with EV3KEY
- **Optional features** - plug-in screw terminal blocks (fixed-screw as standard)

TEMPERATURE / HEATING CONTROLLERS

EV3 400 series - 2 step temperature controllers



BACK OF PRODUCT

The EV3 400 range of controllers is designed for all industrial environments in which precise temperature control is of vital importance. 2 step temperature controllers are controllers with 2 regulation outputs.

EVCO EV3402P7 2 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV3402P7

- **Power supply** - 230 VAC
- **Analog inputs** - Regulation probe (PTC/NTC)
- **Digital inputs** - multipurpose
[not available if the analogue input is configured for Pt 100/Pt 1000/Ni 120 3 wires]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - load 1 (configurable) 16 A and load 2 (configurable) 8 A
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module, model EVIF24TSX)
- **Other features** - alarm buzzer and operates with EV3KEY
- **Optional features** - plug-in screw terminal blocks (fixed-screw as standard)

EVCO EV3421M9 2 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV3421M9

- **Power supply** - 115... 230 VAC
- **Analog inputs** - regulation probe (multi-sensor)
[PTC/NTC/J/K/Pt 100/Pt 1000/Ni 120/0-20 mA/4-20 mA/0-10 V/2-10 V]
- **Digital inputs** - multipurpose
[not available if the analogue input is configured for Pt 100/Pt 1000/Ni 120 3 wires]
- **Analog outputs** - analog output (0-10 V/PWM)
[available in models with 12-24 VAC/DC power supply if powered with 24 VAC/DC]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - load 1 (configurable) 16 A
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module, model EVIF22TSX), Bluetooth Low Energy for EVconnect app (optional through the EVlinking BLE module), Wi-Fi EPoCA/MODBUS TCP (optional through the EVlinking Wi-Fi module powered by controller) and Ethernet EPoCA/MODBUS TCP (optional through the controller/gateway EV3 200 Web)
- **Other features** - alarm buzzer, PID control with auto-tuning, On-off/PID control and operates with EV3KEY
- **Optional features** - plug-in screw terminal blocks (fixed-screw as standard)

TEMPERATURE / HEATING CONTROLLERS

EVCO EV3412M9 2 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV3412M9

- **Power supply** - 115... 230 VAC
- **Analog inputs** - regulation probe (multi-sensor)
[PTC/NTC/J/K/Pt 100/Pt 1000/Ni 120/0-20 mA/4-20 mA/0-10 V/2-10 V]
- **Digital inputs** - multipurpose
[not available if the analogue input is configured for Pt 100/Pt 1000/Ni 120 3 wires]
- **Analog outputs** - analog output (0-10 V/PWM)
[available in models with 12-24 VAC/DC power supply if powered with 24 VAC/DC]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - load 1 (configurable) 16 A and load 2 (configurable) 8 A
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module, model EVIF22TSX), Bluetooth Low Energy for EVconnect app (optional through the EVlinking BLE module), Wi-Fi EPoCA/MODBUS TCP (optional through the EVlinking Wi-Fi module powered by controller) and Ethernet EPoCA/MODBUS TCP (optional through the controller/gateway EV3 200 Web)
- **Other features** - alarm buzzer, On-off/PID control and operates with EV3KEY
- **Optional features** - plug-in screw terminal blocks (fixed-screw as standard)

EVCO EV3423M9 2 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV3423M9

- **Power supply** - 115... 230 VAC
- **Analog inputs** - regulation probe (multi-sensor)
[PTC/NTC/J/K/Pt 100/Pt 1000/Ni 120/0-20 mA/4-20 mA/0-10 V/2-10 V]
- **Digital inputs** - multipurpose
[not available if the analogue input is configured for Pt 100/Pt 1000/Ni 120 3 wires]
- **Analog outputs** - analog output (0-10 V/PWM)
[available in models with 12-24 VAC/DC power supply if powered with 24 VAC/DC]
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - load 1 (configurable) 16 A, Load 2 (configurable) 8 A and alarm (configurable) 8 A
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module, model EVIF22TSX), Bluetooth Low Energy for EVconnect app (optional through the EVlinking BLE module), Wi-Fi EPoCA/MODBUS TCP (optional through the EVlinking Wi-Fi module powered by controller) and Ethernet EPoCA/MODBUS TCP (optional through the controller/gateway EV3 200 Web)
- **Other features** - alarm buzzer, PID control with auto-tuning, On-off/PID control and operates with EV3KEY
- **Optional features** - plug-in screw terminal blocks (fixed-screw as standard)

TEMPERATURE / HEATING CONTROLLERS

EV3 400 series - 3 step temperature controllers



BACK OF PRODUCT

The EV3 400 range of controllers is designed for all industrial environments in which precise temperature control is of vital importance. 3 step temperature controllers are controllers with 3 regulation outputs.

EVCO EV3403P7 3 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV3403P7

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TEMPERATURE / HEATING CONTROLLERS

EV6 - 1 step temperature controllers

1 step temperature controllers are available in compact version, in the standard size 3 DIN modules; the user interface consists of a custom display (with decimal point and function icons), three keys and guarantees an IP54 protection rating, for easy cleaning. Some controllers have the neutral zone operation. Installation is on DIN rail, into a control panel.



EVCO EV6421P7 1 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV6421P7

- **Power supply** - 230 VAC
- **Analog inputs** - room probe (PTC/NTC)
- **Digital inputs** (for NA/NC contact) - multipurpose
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - load 8 A
- **Other features** - cooling/heating operation and defrost management
- **Optional features** - alarm buzzer and MODBUS TTL port, for EVKEY programming key and for other EVCO products.

TEMPERATURE / HEATING CONTROLLERS

EVCO EV6421P3 1 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV6421P3

- Power supply - 12-24 VAC/DC
- Analog inputs - 1 for PTC/NTC (PLEASE SUPPLY DETAILS)
- Relay - 1 rated 8 res. A @ 250 VAC (PLEASE SUPPLY DETAILS)
- Other - digital input (PLEASE SUPPLY DETAILS)
- (PLEASE SUPPLY MORE DETAILED CONTENT FOR THIS PRODUCT IN SIMILAR FORMAT TO THE OTHER PRODUCTS FOR CONSISTENCY)

EVCO EV6421M7 1 STEP TEMPERATURE CONTROLLER

STOCK CODE: EV6421M7

- **Power supply** - 230 VAC
- **Analog inputs** - room probe (multi-input)
[configurable for PTC/NTC, J/K, 2/3 wires Pt 100 and Ni 120, 2/3 wires Pt 1000, 0-20/4-20 mA and 0-10/2-10 V]
- **Digital inputs** (for NA/NC contact) - multipurpose
- **Digital outputs** (electromechanical relays; res. A @ 250 VAC) - load 16 A
- **Other features** - cooling/heating operation and defrost management
- **Optional features** - alarm buzzer and MODBUS TTL port, for EVKEY programming key and for other EVCO products.

UPDATE IMAGE TO HIGH RES



Controllers for food equipment

EVCO offers a range of humidity controllers, including those for cabinets, counters and display units.

EVK5..... >>>>[PLEASE PROVIDECONTENT]

EV3S 554 is a controller suitable for managing applications requiring temperature and humidity control, such as pastry and praline displays. It is also designed for equipment using hydrocarbons as it is fitted with sealed relays.

SUBHEADING



PRODUCT

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HUMIDITY CONTROLLERS

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NO INFORMATION AVAILABLE FOR THE BELOW PRODUCTS

EVK50017

EVK52117

EVK52113

EVK51217

EVK51213

EVJ536N2VXB

EVCO CODE PRODUCT NAME

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HUMIDITY CONTROLLERS

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HUMIDITY CONTROLLERS

PRODUCT

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HUMIDITY CONTROLLERS

EV3S 554

Temperature/humidity controller for cabinets, counters and display units, in split version. EV3S 554 is a controller suitable for managing applications requiring temperature and humidity control, such as pastry and praline displays. It is also designed for equipment using hydrocarbons as it is fitted with sealed relays.



BACK OF PRODUCT

EVCO EV3S554N9 HUMIDITY CONTROLLER

STOCK CODE: EV3S554N9

- **Display** - 2-line (4 + 4 digit) LED display
- **Power supply** - 115... 230 VAC
- **Analog inputs** - Sonda cella (PTC/NTC/NTC di EVHTP520) and dedicated humidity probe (EVHTP520)
- **Digital inputs** - door switch
- **Configurable inputs** (analogue or digital) - analogue input (NTC) or digital input (multi-purpose)
- **Analog outputs** - configurable (12 VDC max. 30 mA) and configurable (12 VDC max. 30 mA)
- **Digital outputs** (full-sealed relays; A res. @ 250 VAC) - configurable (default compressor), configurable (default evaporator fans), configurable (default defrost) and configurable (default heaters)
- **Communications ports** - MODBUS TTL
- **Connectivity** - RS-485 MODBUS RTU (optional through the EVlinking RS-485 module), Bluetooth Low Energy for EVconnect app (optional through the EVlinking BLE module), Wi-Fi EPoCA/MODBUS TCP (optional through the EVlinking Wi-Fi module with separate 12 Vac/15 Vdc power supply) and Ethernet EPoCA/MODBUS TCP (optional through the controller/gateway EV3 200 Web)
- **Other features** - alarm buzzer
- **Optional features** - clock

UPDATE IMAGE TO HIGH RES



iStock
Credit: DedMityay



Probes, transducers, protection and alarm devices

EVCO offers a series of probes and transducers able to read the temperature, humidity and pressure in applications in the refrigeration, catering and air conditioning sectors.

- The following are available:
- temperature probes for industrial environments
 - needle temperature probes for the food industry
 - humidity and temperature transducers for industrial environments
 - pressure transducers for industrial environments.

EVCO also offers a series of protection and alarm devices able to ensure the good operation of a plant, including safety transformers and safety switches.

SUBHEADING

PRODUCT



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NO INFORMATION AVAILABLE FOR THE PRODUCTS IN THE LIST - EVTP530M00 & EVTP53002. HAVE USED INFO FOR THESE SIMILAR CODES BELOW INSTEAD. PLEASE LET ME KNOW IF THE BELOW WERE THE CORRECT CODES FOR THE CATALOGUE

TRANSFORMERS

ECTSF

EVCO ECTSF is a range of safety transformers. The transformer can power the user interface.



EVCO ECTSF000 TRANSFORMER

STOCK CODE: ECTSF000

- **Primary voltage** - 230 VAC
- **Secondary voltage** - 12 VAC
- **Power** - 3 VA
- **Mounting** - on plain surface

EVCO ECTSF001 TRANSFORMER

STOCK CODE: ECTSF001

- **Primary voltage** - 230 VAC
- **Secondary voltage** - 12 VAC
- **Power** - 5.6 VA
- **Mounting** - on plain surface

EVCO ECTSF010 TRANSFORMER

STOCK CODE: ECTSF010

- **Primary voltage** - (PLEASE SUPPLY DETAILS)
- **Secondary voltage** - XXXXXXXXXXXXXXXXX
- **Power** - XXXXXXXXXXXXXXXXXXXXX
- **Mounting** - XXXXXXXXXXXXXXXXXXXXX

TRANSDUCERS

EVPT

EVPT is a range of pressure transducers for industrial environments.

They supply a 4-20 mA or 0-5 V ratiometric signal (depending upon the model), ensure a wide working range and excellent precision.

The connection is 7/16 inch.



EVCO EVPT530M00 TRANSDUCER

STOCK CODE: EVPT530M00

- **Sensor** - piezoresistive
- **Working range** - from 0 to 10 bar
- **Power supply** - 8... 30 VDC
- **Output signal** - 4-20 mA
- **Connector** - 7/16 inch, female

EVCO EVPT530M02 TRANSDUCER

STOCK CODE: EVPT530M02

- **Sensor** - piezoresistive
- **Working range** - from 0 to 30 bar
- **Power supply** - 8... 30 VDC
- **Output signal** - 4-20 mA
- **Connector** - 7/16 inch, female

HUMIDITY SENSORS



EVHP/EVHTP

EVHP/EVHTP is a range of humidity and temperature transducers for industrial environments which ensure a wide working range and high precision. The range includes a transducer with just a humidity sensor and 3 models with both humidity and temperature sensors. Depending on the model, they supply a 4-20 mA signal or a proprietary signal.



EVCO EVHP523 HUMIDITY SENSOR

STOCK CODE: EVHP523

- **Sensor** - humidity
- **Power supply** - 8... 28 VDC
- **Working range** - from 5 to 95% r.H.
- **Output signal** - 4-20 mA

EVCO EVHTP523 HUMIDITY SENSOR

STOCK CODE: EVHTP523

- **Sensor** - humidity and temperature
- **Power supply** - 8... 28 VDC
- **Working range** - from 5 to 95% r.H., from -10 to 70 °C
- **Output signal** - 2 for 4-20 mA

EVCO EVHTP520 HUMIDITY SENSOR

STOCK CODE: EVHTP520

- **Sensor** - humidity and temperature for critical environments
- **Power supply** - none
- **Working range** - from 5 to 95% r.H., from -10 to 70 °C
- **Output signal** - proprietary

NTC PROBES/SENSORS



ECSND

NO INFORMATION AVAILABLE FOR THE BELOW PRODUCTS

- ECSND5910G
- ECSND5940G
- ECSND5990G



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NTC PROBES/SENSORS

EVTP



EVTP core is a range of needle temperature probes for the food industry. They use the most common temperature sensors (PTC and NTC), are available in different executions, ensure a wide working range and good precision. All the probes have a handle to make them easier to use.



EVCO EVTPNB38F200 NTC PROBES/SENSORS

STOCK CODE: EVTPNB38F200

- **Sensor** - NTC
- **Working range** - from -40 to 110 °C
- **Type of cable** - 2 wires thermoplastic
- **Other** - conical body with right angle plastic handle
- **Cable length** - 3.8 m

PTC PROBES/SENSORS

ECSND



NO INFORMATION AVAILABLE FOR THE BELOW PRODUCTS

- ECSND0112A
- ECSND0142A
- ECSND01D1R
- ECSND013HA2

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ECSND

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NO INFORMATION AVAILABLE FOR THE BELOW PRODUCTS

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ECSND3343A

PRODUCT

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EVCO CODE PRODUCT NAME

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J' & 'K' TYPE THERMOCOUPLES

ECSND

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NO INFORMATION AVAILABLE FOR THE BELOW PRODUCTS

ECSND3313A

ECSND2313A

ECSND9X10G

PRODUCT

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J' & 'K' TYPE THERMOCOUPLES

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NO INFORMATION AVAILABLE FOR THE BELOW PRODUCTS

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SAFETY SWITCH

EVPH

A phase asymmetry, phase sequence and phase failure detector for three-phase motors.

It incorporates an electromechanical relay to signal possible anomalies in the three-phase system.



EVCO EVPHASE01 SAFETY SWITCH

STOCK CODE: EVPHASE01

- 1 DIN modules
- DIN rail mounting

SUBHEADING

PRODUCT



Body Text Obiston sequae dolum quae sequae omniatur Obiston sequae ghe dolum quae omniatur Obiston sequae dolum quae omniatur. Obiston sequae dolum quae omniatur. Obiston sequae dolum quae sequae omniatur Obiston sequae ghe dolum quae omniatur Obiston sequae dolum quae omniatur. Obiston sequae dolum quae omniatur. Obiston sequae dolum qge omniatur.

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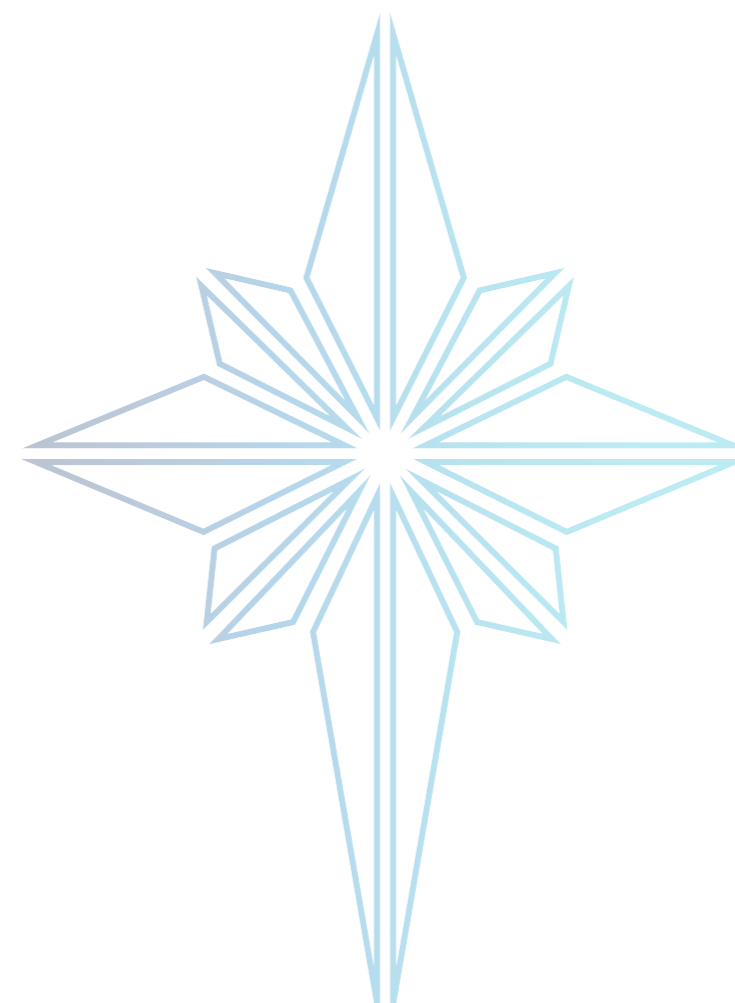
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stareast.com.au



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