



# CC2044

## Relay Output Module

The CC2044 Relay Output module offers four channels of normally open relay contacts, making it ideal for use with contactors and solenoid valves. Field wiring is simplified through the provision of 24VDC energisation and ground connections on each output channel, in addition to the normally open relay contacts themselves.

The module also provides four channels of digital input with built-in energisation for volt-free contacts, ideal for use with door switches or counter start/stop switches.

The CC2044 has dual RS485 busses allowing two PCs to simultaneously connect to the network of modules. When used with appropriate software such as enVigil-FMS, dual-redundant systems can be implemented to maximise data availability.

### Specification

- 4 Relay outputs
  - Normally open contacts
  - Contact rating: 24VDC, 3A (externally sourced)
  - Maximum total current sourced by module (from 24VDC supply): 2A
- 4 Digital inputs
  - Direct connection to volt-free contacts
- DIN rail mounted enclosure
  - Width 23mm
  - Height 85mm
  - Depth 105mm
  - Weight 120g
- Power supply
  - 24VDC  $\pm 10\%$
  - 100mA (typ.), 200mA (max.)
- Interfaces
  - RS485 host, 19k2 baud, 1.2km
  - RS485 aux, 19k2 baud, 1.2km
- Environmental
  - Operating temperature 0 to 50°C
  - Storage temperature -20 to 60°C

### Ordering Information

- CC2044 Relay Output Module, 4 relay outputs, 4 digital inputs

