

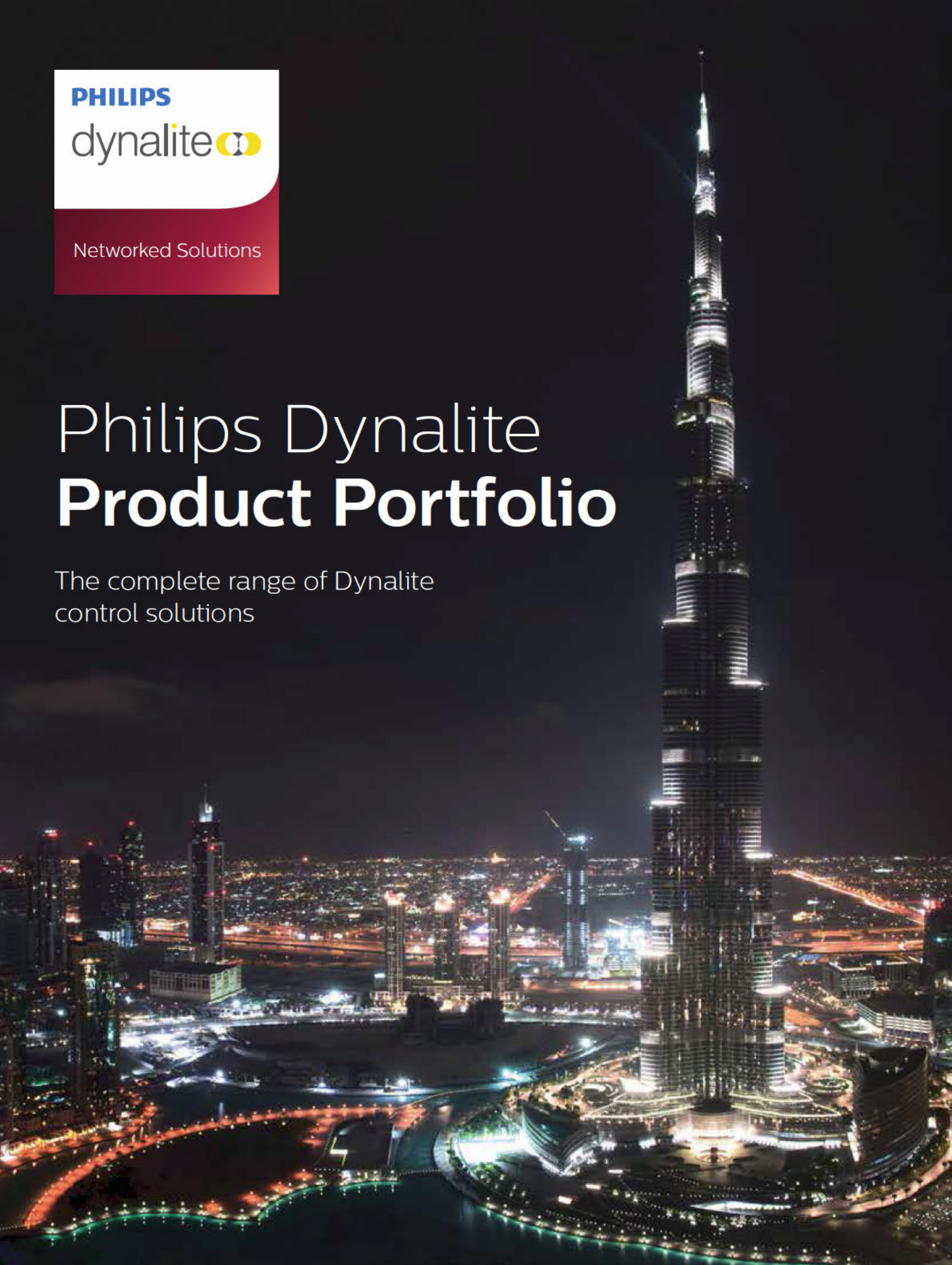
**PHILIPS**

dynalite 

Networked Solutions

# Philips Dynalite Product Portfolio

The complete range of Dynalite  
control solutions



# PATPA AntumbraTouch

## The most flexible user interface solution available

The AntumbraTouch user interface has a smooth glass finish and uses 'capacitive touch' technology to detect a persons presence. It also incorporates the latest in field effect technology. The contemporary design features a number of button configurations, with each button capable of local or site-wide control functions. The PATPA range is suitable for, but not limited to, North American, South American, Australian and New Zealand markets.

**Field effect technology** – The user interface detects an approaching user and 'wakes up', initiating a wall-wash lighting effect to encourage interaction.

**Capacitive touch technology** – Smooth glass finish detects the presence of a finger and triggers a button press action.

**Supplied as two components** – The Application Module contains buttons, rim, base and mounting plate, which can be mixed and matched to suit décor. The Communication Module contains all of the logical and network functions and is pre-programmed off-site, allowing commissioning to commence prior to finish options being finalized.

**Hidden sensory inputs** – An internal light sensor measures ambient light and adjusts lightwash effect accordingly. A built-in temperature sensor automatically adjusts air conditioning when integrated into the system.

**Multiple language and icon labeling** – Button labeling language choices include English, Chinese and Arabic. A library of common icons transcends language barriers, which is particularly useful in hospitality applications.

**Selection of rim and fascia options** – Allows décor matching to suit any environment. Refer to the User Interface Brochure for further information on color options.



**Dimensions:**  
116 mm x 75 mm x 22 mm (4.6" x 3.0" x 0.9")

**Ordering Code:**  
Please contact your local Philips Representative

# PATPE AntumbraTouch

## The most flexible user interface solution available

The AntumbraTouch user interface has a smooth glass finish and uses 'capacitive touch' technology to detect a persons presence. It also incorporates the latest in field effect technology. The contemporary design features a number of button configurations, with each button capable of local or site-wide control functions. The PATPE range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

**Field effect technology** – The user interface detects an approaching user and 'wakes up', initiating a wall-wash lighting effect to encourage interaction.

**Capacitive touch technology** – Smooth glass finish detects the presence of a finger and triggers a button press action.

**Supplied as two components** – The Application Module contains buttons, rim, base and mounting plate, which can be mixed and matched to suit décor. The Communication Module contains all of the logical and network functions and is pre-programmed off-site, allowing commissioning to commence prior to finish options being finalized.

**Hidden sensory inputs** – An internal light sensor measures ambient light and adjusts lightwash effect accordingly. A built-in temperature sensor automatically adjusts air conditioning when integrated into the system.

**Multiple language and icon labeling** – Button labeling language choices include English, Chinese and Arabic. A library of common icons transcends language barriers, which is particularly useful in hospitality applications.

**Selection of rim and fascia options** – Allows décor matching to suit any environment. Refer to the User Interface Brochure for further information on color options.



**Dimensions:**  
88 mm x 88 mm x 22 mm (3.5" x 3.5" x 0.9")

**Ordering Code:**  
Please contact your local Philips Representative

## DUS804C Multifunction Sensor

### Low profile recessed 360° flush mount ceiling sensor

The DUS804C is a recess mountable 360 degree multifunction sensor that combines motion detection (PIR), Infrared remote control reception (IR) and ambient light level detection (PE) into one device in applications such as offices, lecture theaters and homes.

**Motion detection feature** – Detects the presence or absence of motion and adjusts lights accordingly.

**Segmented click-up bezel** – Surrounds the motion sensor element and enables a portion of the sensing field to be masked. This prevents nuisance detection from adjacent doorways or corridors.

**Ambient light level detection and daylight harvesting** – In applications where it is critical to maintain precise light, the PE function reads ambient levels and adjusts artificial light accordingly.

**Infrared receive capability** – Manually adjust light levels using a hand-held remote control, via the inbuilt IR receive sensor of the DUS804C.

**Daylight Harvesting mode** – Delivers automatic energy savings.

**Dimensions:**  
72 mm dia. x 35 mm (2.8" dia. x 1.4")

**Ordering Code:**

Standard Product	12NC – 913703071009
Slight motion sensitivity	12NC – 913703071109
2 x RJ12 network sockets	12NC – 913703071209
2 x RJ12 sockets/slight motion	12NC – 913703071309



## DUS804C-DALI Multifunction Sensor

### Low profile sensor powered by the DALI network

The DUS804C-DALI is a recess mountable 360 degree multifunction sensor that combines motion detection (PIR) and ambient light level detection (PE) in one device. The DUS804C-DALI is powered and communicates to the networked control system via a DALI bus.

**Powered directly by the DALI network** – Eliminates the need for additional network field wiring.

**Works with DALI master controller** – Requires a DALI MultiMaster controller, such as the DDBC120-DALI, to operate.

**Motion detection feature** – Detection of motion within a scanned area triggers a programmed lighting action.

**Segmented click-up bezel** – Surrounds the motion sensor element and enables a portion of the sensing field to be masked. This prevents nuisance detection from adjacent doorways or corridors.

**Ambient light level detection and daylight harvesting** – In applications where it is critical to maintain precise light, the PE function reads ambient levels and adjusts artificial light accordingly.

**Daylight Harvesting mode** – Delivers automatic energy savings.

**Dimensions:**  
72 mm dia. x 35 mm (2.8" dia. x 1.4")

**Ordering Code:**  
12NC – 913703570409



# DUS804C-RJ-DA EcoSet Motion Sensor

## EcoSet ceiling mount motion sensor

The EcoSet DUS804-RJ-DA is a recess mountable 360 degree motion sensor that combines motion detection (PIR), Infrared remote control reception (IR) and ambient light level detection (PE) into the one device. The EcoSet DUS804-RJ-DA is a component of the EcoSet system and is a switch-settable sensor with time-out, designed to allow intelligent control of luminaires in combination with the EcoSet DMRC210-RJ-DA relay controller.

**Low profile design** – Flush-mounted 360 degree ceiling-mount motion detection (PIR) sensor.

**No software set-up** – All functionality can be achieved with the built-in dipswitches for area addressing, no-motion time-out and other advanced features.

**Rapid configuration** – Up to 31 individual addressing areas of control.

**User-selectable options** – No-motion time-out selectable to 30 seconds, 5 minutes, 15 minutes or 30 minutes.

**Corridor hold** – Links corridor areas with adjacent rooms so they remain lit while occupancy is detected.

**Dimensions:**  
72 mm dia. x 35 mm (2.8" x 1.4")  
**Ordering Code:**  
12NC – 913703071409



# DUS804C-UP Multifunction Sensor

## Surface mount ceiling sensor with ultrasonic capability

The DUS804C-UP is a surface mountable 360 degree multifunction sensor that combines ultrasonic (UP), motion detection (PIR), Infrared remote control reception (IR) and ambient light level detection (PE) into one device in applications such as offices, lecture theaters and homes.

**Motion detection feature** – Detection of motion within scanned area triggers a programmed lighting action.

**Ambient light level detection and daylight harvesting** – In applications where it is critical to maintain precise light, the PE function reads ambient levels and adjusts artificial light accordingly.

**Infrared receive capability** – Manually adjust light levels using a hand-held remote control, via the inbuilt IR receive sensor of the DUS804C-UP.

**Daylight Harvesting mode** – Delivers automatic energy savings.

**Dimensions:**  
90 mm dia. x 32 mm (3.5" x 1.3")  
**Ordering Code:**  
12NC – 913703070409



# DDRC420FR Relay Controller

## Robust control of switched loads

The Philips Dynalite DDRC420FR provides control of any type of switched load, including difficult lighting loads. The four channel device supports all types of switched loads up to 20A inductive.

### Feed-through power circuit design –

Electrically equivalent to a 4 pole contactor, with the added advantage of each pole being separately controllable via the DyNet network.

### Flexible mounting solution –

A DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled circuit.

### Inbuilt diagnostic functionality –

Features circuit run time tracking on each channel and Device Online/Offline status indication.

### Multiple wiring schemes supported –

Controls Single Phase and Neutral or Three Phase and Neutral (Star) wiring configurations.

**Hardware override** – Service override switch accessible from front panel.

### Dimensions:

95 mm x 105 mm x 75 mm (3.8" x 4.1" x 2.9")

### Ordering Code:

Standard Product	12NC – 913703051009
Breaker trip detection	12NC – 913703053109



# DDRC810DT-GL Relay Controller

## Designed to operate any type of switched load

The Philips Dynalite DDRC810DT-GL is ideal for controlling bi-directional motors, such as curtain and blind motors. It is an eight channel device suitable for any switched load up to 10A per channel, with a maximum box load of 40A.

**Voltage free changeover SPDT output relays** – Perfect for controlling bi-directional motors.

### Flexible mounting solution –

A DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled circuit.

### Inbuilt diagnostic functionality –

Features circuit run time tracking on each channel.

### Standalone or networked operation –

Can operate as a discrete standalone unit, or as part of an integrated control system when connected to the DyNet network.

### Dimensions:

94 mm x 211 mm x 75 mm (3.7" x 8.3" x 2.9")

### Ordering Code:

12NC – 913703052009



## DDRC810GL Relay Controller

### On/Off control of all types of mains rated equipment

The Philips Dynalite DDRC810GL provides on/off control of any type of switched load. The device features 8 x switched SPST common supply outputs, with a maximum total box load of 20A.

**Common supply SPST output relays** – Suitable for on/off control of all types of mains rated equipment.

**Flexible mounting solution** – A DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled circuit.

**Inbuilt diagnostic functionality** – Features circuit run time tracking on each channel and Device Online/Offline status indication.

**Standalone or networked operation** – Can operate as a discrete standalone unit, or as part of an integrated control system when connected to the DyNet network.

**Dimensions:**  
94 mm x 211 mm x 75 mm (3.7" x 8.3" x 2.9")  
**Ordering Code:**  
12NC – 913703051509



## DDRC820FR-CS-BT Relay Controller

### Robust control of switched loads

The Philips Dynalite DDRC820FR-CS-BT provides control of any type of switched load. The eight channel device supports all types of switched loads up to 20A inductive.

**Feed-through power circuit design** – Electrically equivalent to an 8 pole contactor, with the added advantage of each pole being separately controllable via the DyNet network.

**Flexible mounting solution** – A DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled circuit.

**Inbuilt diagnostic functionality** – Features circuit run time tracking on each channel and Device Online/Offline status indication.

**Multiple wiring schemes supported** – Controls Single Phase and Neutral or Three Phase and Neutral (Star) wiring configurations.

**Hardware override** – Service override switch accessible from front panel.

**Dimensions:**  
94 mm x 211 mm x 75 mm (3.7" x 8.3" x 2.9")  
**Ordering Code:**  
12NC – 913703053309



## DDBC1200 Signal Dimmer Controller

### Choice of HF driver control methodologies

The Philips Dynalite DDBC1200 features 12 independent output channels, each selectable to DALI Broadcast, 0-10 V or DSI. The device can also be linked to a separate relay module for control of 1-10V HF fluorescent drivers.

#### Multiple protocols supported –

Compatible with a range of fittings and devices including; DSI HF fluorescent drivers, DSI electronic low voltage transformers, DALI HF fluorescent drivers (broadcast mode only), DALI electronic low voltage transformers (broadcast mode only), 1-10 V HF fluorescent drivers and devices that require 0-10 V analog control signals.

**LED status indicators** – Instant visual feedback on channel status of all 12 outputs.

#### Flexible mounting solution –

A DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled lighting circuit.

#### Inbuilt diagnostic functionality –

Features lamp and driver failure reporting, driver run time tracking for each driver and Device Online/Offline status indication.

#### Dimensions:

94 mm x 211 mm x 75 mm (3.7" x 8.3" x 2.9")

#### Ordering Code:

Standard Product	12NC – 913703031309
Manual Override	12NC – 913703031409



## DMBC110 Signal Dimmer & Relay Controller

### Intelligent networked control of individual lighting fixtures

The DMBC110 provides intelligent networked control of individual lighting fixtures. The compact design enables mounting directly within the gear enclosure of many lighting fixtures.

**Incorporates one relay output and one HF driver output** – Used to provide dimming control of DALI, 1-10V and DSI compatible drivers and transformers.

**Gear enclosure mounting** – Compact design allows the device to be mounted directly within the gear enclosure of many light fittings.

**Fully rated device** – Robust relays provide reliable control of difficult lighting loads.

#### Inbuilt diagnostic functionality –

Features Device Online/Offline status indication.

#### Dimensions:

240 mm x 45 mm x 38 mm (9.4" x 1.8" x 1.5")

#### Ordering Code:

12NC – 913703030009



# EnvisionGateway 10/100 BaseT Gateway

## Multipurpose Ethernet connection

EnvisionGateway provides a multipurpose Ethernet connection to a Philips lighting control system. It supports access to both the home or office lighting via a dedicated Philips app as well as providing a web interface delivering access to the inbuilt timeclock and schedule editor functions. It provides bridging functionality between Ethernet backbone and the DyNet fieldbus devices.



**Large storage capacity** – The device stores large project files internally, which apps use to autoconfigure their settings. This saves configuration time and ensures accuracy for phone and tablet control.

**Inbuilt web server** – Allows the user to check system settings via the Network Hardware Checker and System Roll Call tools.

**No technical skills needed** – Inbuilt timeclock and schedule manager allow the user to manage operation and task scheduling without advanced technical knowledge.

**Powerful custom task engine** – Allows users or third-party systems to run macros, such as 'After Hours', 'Shut Down', 'Welcome' and more.

**Advanced interoperability** – Supports management of Philips Dynalite and LightMaster-IP fittings on a single system.

**Dimensions:**  
97 mm x 110 mm x 38 mm (3.8" x 4.3" x 1.5")

**Ordering Code:**  
12NC – 913703013809

# DDNG232 RS232 Network Gateway

## Cost-effective serial port integration

The Philips Dynalite DDNG232 network gateway provides cost-effective serial port integration between a DyNet network and third-party systems.

**Seamless integration with third-party systems** – Including AV systems, lighting desks, data projectors, HVAC, BMS and security systems.

**Internal controls** – Including programmable logic controller capable of comprehensive conditional and sequential logic and arithmetic function processing.

**Utilize data format library or create your own** – A library of data formats is available for systems integrators, or can be created using the onboard conditional logic engine to assemble and transmit user-defined data strings.

**Macro functions available** – To simplify the control of multiple devices.

**Flexible mounting solution** – DIN-rail mountable, designed to be installed into a distribution board or other electrical enclosure.

**Dimensions:**  
94 mm x 211 mm x 75 mm (3.7" x 8.3" x 2.9")

**Ordering Code:**  
12NC – 913703081809

