EcoStruxure™
Innovation At Every Level

EasyLogic RP-C
Room Controllers

EcoStruxure™ Building

Introduction

EasyLogic™ RP-C is a room-purpose, fully programmable, BACnet MS/TP based field controller that suits a wide range of HVAC applications. The RP-C can either be used as a standalone field controller or as part of an EcoStruxure BMS with a SpaceLogic AS-P or AS-B server or an Enterprise Server as the parent server.

The RP-C has the following features:

- Native BACnet MS/TP support
- Full range of controller models
- Versatile onboard I/O point mix
- Built-in isolated power supply

- Optional covers
- Advanced monitoring
- Configurable RS-485 port
- Sensor bus for SpaceLogic living space sensors
- EasyLogic living space sensors
- Modbus RTU subnetwork
- Commission mobile application for commissioning of the controller before the BMS is in place
- Full EcoStruxure Building Operation software support, providing efficient engineering tools
- Upgrade with signed firmware

www.se.com/buildings

Life Is On | Schneider Electric

EasyLogic RP-C

Native BACnet MS/TP support

The EasyLogic range of RP and MP controllers and RP-IO I/O modules natively communicate with automation servers and field devices using the BACnet MS/TP protocol.

The RS-485 port with 3-pole screw terminal block is used for connection to the BACnet MS/TP network.

The other RS-485 port (Com A), with RJ45 interface, can be configured to support either sensor bus or Modbus network. For more information, see section "Configurable RS-485 port".

Full range of controller models

The EasyLogic RP-C range of BACnet MS/TP based controllers includes three different models, which offer three different sets of I/O point types, named 12A, 12B, and 16A. The three models support 24 VAC/DC power supply.

RP-C-12A-M-24V

- Power supply: 24V
- BACnet MS/TP (M)
- I/O set: 12A, 12B, or 16A
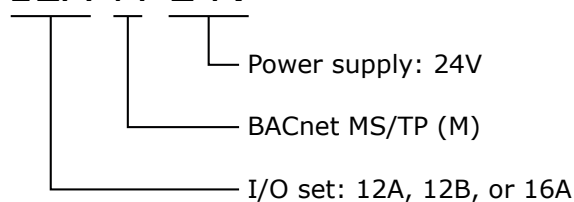
Models with a versatile mix of I/O points

The RP-C-12A, -12B, and -16A models provide 12 or 16 I/O points, consisting of three different sets of I/O point types. The versatile mix of I/O point types match a wide variety of applications. The universal inputs/outputs are highly flexible and can be configured as either inputs or outputs.

I/O Point Types by RP-C Models

I/O Point Types	RP-C-12A model	RP-C-12B model	RP-C-16A model
Universal I/O Type Ub	8	8	8
Solid-state relay outputs (MOSFET)	4	-	4
Relay outputs Form A	-	3	3
High power relay outputs Form C	-	1	1

Configurations by I/O Point Types

Configurations	Universal I/O Type Ub	Solid-state Relay Outputs (MOSFET)	Relay Outputs Form A	High Power Relay Outputs Form C
Digital inputs	yes	-	-	-
Counter inputs	yes	-	-	-
Supervised inputs	yes	-	-	-
Voltage inputs (0 to 10 VDC)	yes	-	-	-
Current inputs (0 to 20 mA)	yes	-	-	-
Temperature inputs	yes	-	-	-
Resistive inputs	yes	-	-	-
Voltage outputs (0 to 10 VDC)	yes	-	-	-
Digital outputs	-	yes	yes	yes
Digital pulsed outputs	-	yes	yes	yes
PWM outputs	-	yes	yes	yes

EasyLogic RP-C

Configurations	Universal I/O Type Ub	Solid-state Relay Outputs (MOSFET)	Relay Outputs Form A	High Power Relay Outputs Form C
Tristate outputs	-	yes	yes	-
Tristate pulsed outputs	-	yes	yes	-

Universal inputs/outputs

The universal inputs/outputs are ideal for any mix of temperature, pressure, flow, status points, and similar point types in a building control system.

As counter inputs, the universal inputs/outputs are commonly used in energy metering applications. As supervised inputs, they are used for security applications where it is critical to know whether or not a wire has been cut or shorted. These events provide a separate indication of alarms and events in the system.

For all analog inputs, maximum and minimum levels can be defined to automatically detect over-range and under-range values.

The universal inputs/outputs are capable of supporting analog outputs of type voltage outputs. Therefore, the universal inputs/outputs support a wide range of devices, such as actuators.

Only devices with safe extra low voltage equipment (SELV/PELV) inputs/outputs should be connected to the universal inputs/outputs.

Solid-state relay outputs

The solid-state relay (SSR) outputs can be used in many applications to switch 24 VAC or 24 VDC on or off for external loads such as actuators, relays, or indicators. SSRs are silent and are not adversely affected by relay contact wear.

Relay outputs

The relay outputs support digital Form A point types. The Form A relays are designed for direct load applications.

High power relay output

The high power relay output is of type Form C. The normally-open (NO) contact is ideal for switching resistive loads of up to 12 A, such as electrical heating elements. The normally-closed (NC) contact can be used to switch inductive loads of up to 3 A.

I/O expansion

For applications that require more I/O resources, the EasyLogic RP-IO modules provide a versatile mix of I/O points for any application. For more information, see the EasyLogic RP-IO Specification Sheet.

Built-in isolated power supply

The device has a built-in power supply designed to accommodate 24 VAC or 24 VDC input power. The AC/DC power input is galvanically isolated from the electronics. This minimizes the risk of damage due to earth currents and permits the input power to be wired without concern for AC polarity matching. With the isolated AC/DC power input, you can use a central transformer for many devices, instead of one transformer for each device, to reduce installation costs.

Optional covers

All RP-C models can be equipped with optional covers to reduce access to the screw terminals and wires.

Advanced monitoring

The RP and MP controllers support local trends, schedules, and alarms, enabling local operation when the controller is offline or used in standalone applications.

The battery-free power backup of the memory and real-time clock (only available on RP-C-16A-M-24V) helps prevent data loss and allows seamless and quick recovery after a power disruption.

In WorkStation, you update the firmware of multiple RP and MP controllers at the same time and with minimum down time. The EcoStruxure BMS server keeps track of the installed firmware to support backup, restore, and replacement of the controllers and sensors. The server can host controllers of different firmware versions.

Configurable RS-485 port

The RP-C controller has one configurable RS-485 port (Com A), which can be configured to support two different types of networks:

• Sensor bus

• Modbus network

The controller can host one of the network types.

EasyLogic RP-C

Sensor bus for SpaceLogic living space sensors

The RP and MP controllers provide an interface designed for the SpaceLogic Sensor family of living space sensors. The SpaceLogic Sensor devices offer an efficient way to sense the temperature, humidity, CO_2, and occupancy in a room. The SpaceLogic Sensor devices are available with different combinations of sensor types and various covers and user interface options, such as touchscreen, setpoint and override buttons, and blank covers. For more information, see the SpaceLogic Sensors - SXWS Sensors for MP and RP IP Controllers - Specification Sheet.
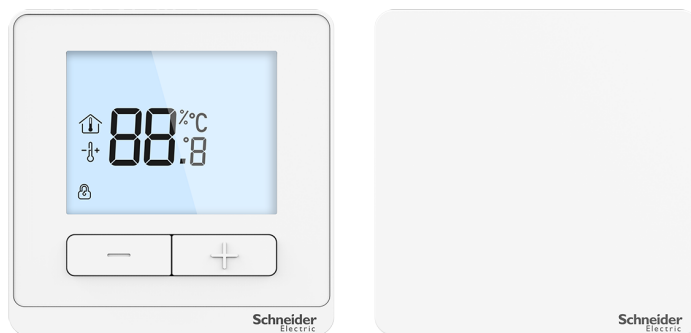

SpaceLogic Sensor devices

The RP controller sensor bus provides both power and communications for up to four sensors that are daisy-chained using standard Cat 5 (or higher) cables. This maximum number of sensors that can be connected to a controller is regardless of the sensor model and the combination of cover and sensor base type:

- Blank covers: Up to four sensors of any combination of sensor base types

- 3-button and touchscreen covers: Up to four sensors of any combination of sensor base types

- SpaceLogic LCD temperature sensors: Up to four sensors are supported

The maximum total length of the sensor bus is 61 m (200 ft). For more information, see the SpaceLogic Sensors - SXWS Sensors for MP and RP IP Controllers - Specification Sheet.

EasyLogic living space sensors

The EasyLogic Sensor devices provide a cost-effective solution to measure, control, and communicate the temperature. The sensors are connected to analog inputs of the RP or MP controller. The EasyLogic Sensor devices are available in two models with different user interfaces, a blank cover or an LCD display with buttons for setpoint control. For more information, see the EasyLogic Sensors - Temperature Sensors – Analog - Specification Sheet.

EasyLogic Sensor devices

Modbus RTU subnetwork

The RP controller Modbus network allows standard Modbus devices to be connected to the controller.

The Modbus RTU protocol is used for the communication. The RP controller acts as the Modbus client and the connected devices act as servers.

For connection to Modbus devices, it is recommended to use the non-isolated RS-485 adapter to provide screw termination. The adapter converts an RS-485 RJ45 interface to screw terminals. The adapter can be ordered from Schneider Electric. For more information, see the RS-485 Adapters Specification Sheet.

To connect the adapter, it is recommended that you use a Cat 5 (or higher) UTP cable with eight conductors and RJ45 connectors. The cable should be rated for the target environment and have a maximum length of 0.3 m (12 in.). The cable is not included and needs to be purchased separately.

The maximum number of Modbus devices that can be connected to an RP controller depends on the type of Modbus device and the number of Modbus registers.

The EasyLogic RP controller Modbus network supports up to 10 connected Modbus devices with the following restrictions:

- Maximum of 250 Modbus registers per network

64-bit Modbus registers are supported, which can be used in energy metering.

EasyLogic RP-C

Modbus device types

Modbus device types are pre-configured Modbus applications for quick and easy Modbus device integration in EcoStruxure Building Operation solutions. For information on the Modbus devices supported using Modbus device types, see the document EcoStruxure Building - Modbus Device Integration - Supported Device Brochure.

Commission mobile application

The Commission mobile application is designed for local configuration, field deployment, and commissioning of RP and MP controllers. The mobile application reduces the commissioning time, allows flexibility in project execution, and minimizes dependencies on network infrastructure.

The mobile application is designed for use with Android, Apple (iOS), and Microsoft Windows 10 and Windows 11 devices. For more information, see the EcoStruxure Building Commission Specification Sheet.
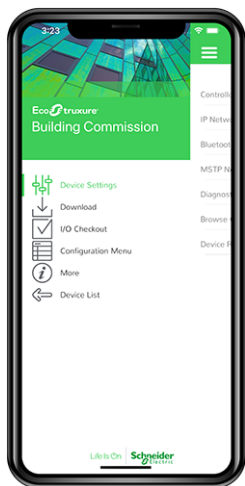
Commission mobile application

Using the Commission mobile application, you can connect to an RP controller. To connect to the RP controller, you use the SpaceLogic Bluetooth Adapter connected to a SpaceLogic Sensor.

Device configuration

With the Commission mobile application, you can easily discover RP controllers on the BACnet network. You can change the configuration of each controller, including the BACnet network settings, location, and parent server. To save engineering time, you can save common device settings and then reuse them for controllers of the same model.

Field deployment and I/O checkout

The Commission mobile application does not require an EcoStruxure BMS server or a network infrastructure to be in place. You can use the mobile application to load the controller application directly into the local controller and deploy the controller. The controller application can be created offline using Project Configuration Tool or WorkStation. You can also perform an I/O checkout to verify that the controller's I/O points are configured, wired, and operating correctly.

Full EcoStruxure Building Operation software support

The power of the RP and MP controllers is fully realized when it is part of an EcoStruxure BMS, which provides the following benefits:

- WorkStation/WebStation interface
- Script and Function Block programming options
- Device discovery
- Engineering efficiency

WorkStation/WebStation interface

WorkStation and WebStation provide a consistent user experience regardless of which EcoStruxure BMS server the user is logged on to. The user can log on to the parent EcoStruxure BMS server to engineer, commission, supervise, and monitor the RP or MP controller and its I/O as well as its attached SpaceLogic Sensor devices. For more information, see the WorkStation and WebStation specification sheets.

Script and Function Block programming options

The fully programmable RP and MP controller models have both Script and Function Block programming options. Existing programs can easily be reused between the EcoStruxure BMS server and the controller.

Device discovery

The enhanced Device Discovery in WorkStation enables you to easily identify RP and MP controllers on a BACnet network and to associate the controllers with their parent server.

Engineering efficiency

The engineering and maintenance of RP and MP controllers can be done very efficiently using the EcoStruxure Building Operation reusability features. With these features, you can create library items (Custom Types) for a complete controller application that contains programs and all necessary objects such as trends, alarms, and schedules. The controller application in the Custom Types library is reusable across all controllers of the same model. You can use the controller application as a base for creating new controllers intended for similar applications. You can then edit the controller application, and the changes are automatically replicated to all controllers, while each controller keeps its local values.

WorkStation supports both online and offline engineering of RP and MP controllers. You can make the configuration changes

EasyLogic RP-C

online or use database mode to make the changes offline. In database mode, the changes are saved to the EcoStruxure Building Operation database so that you can apply the changes to the controllers later.

Project Configuration Tool enables you to perform all the engineering off site, without the need for physical hardware, which minimizes the time you need to spend on site. You can run the EcoStruxure BMS servers virtually and engineer the RP and MP controllers before you deploy your server and controller applications to the servers and controllers on site. For more information, see the Project Configuration Tool specification sheet.

Upgrade with signed firmware

Using digitally signed firmware provides more secure upgrading of the device. During an upgrade, the device verifies that the firmware is authentic and uncompromised Schneider Electric firmware. If the device detects discrepancies in the authenticity or integrity of the firmware, it will reject the upgrade. Once the device is upgraded with signed firmware, all upgrades thereafter must be with a signed firmware version.

Part Numbers for EasyLogic RP-C

Product	Part number
RP-C-12A-M-24V	SXWRCF12AM10001
RP-C-12B-M-24V	SXWRCF12BM10001
RP-C-16A-M-24V	SXWRCF16AM10001

Part Numbers for RP-C Accessories

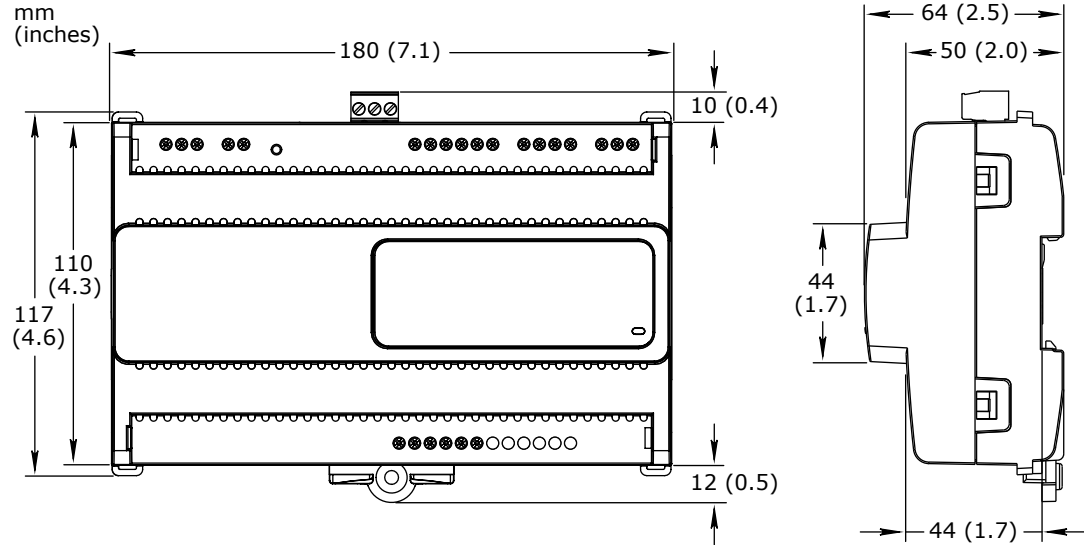| Product	Part number
Optional covers	SXWRPCCOV10001
DIN-RAIL-CLIP, DIN-rail end clip package of 25 pieces	SXWDINEND10001
Non-isolated RS-485 adapter	SXWNISORS48510001
SpaceLogic Bluetooth Adapter	SXWBTAECXX10001

For more information on part numbers for Network Connectivity Accessories, see the Product Selection Guide - EcoStruxure Building.

Specifications

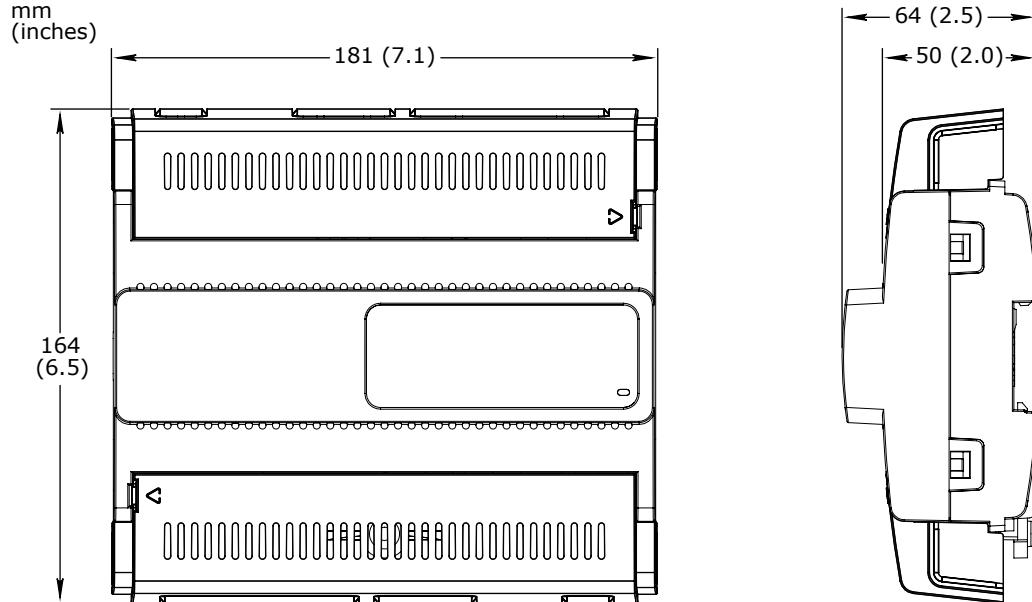| EasyLogic RP-C		
AC input		
Nominal voltage		24 VAC
Operating voltage range		+/-15 %
Frequency		50/60 Hz
Maximum power consumption		14 VA
Base Load Including All I/O	SpaceLogic Sensors on Sensor Bus	Total
9.4 VA	4.6 VA[a]	14 VA
a) The example of 4.6 VA for the Sensor Bus (Com A) is based on a 2.8 W load on Com A. This gives an approximate conversion factor of 1.644 VA per Watt, which can be applied to the Com A load, which should not exceed 3 W.		
Power input protection		MOV suppression and internal fuse

EasyLogic RP-C

DC input	
Nominal voltage	24 to 30 VDC
Operating voltage range	21 to 33 VDC
Maximum power consumption	8 W
Power input protection	MOV suppression and internal fuse

Environment	
Ambient temperature, operating	0 to 50 °C (32 to 122 °F)
Ambient temperature, storage	-40 to +70 °C (-40 to +158 °F)
Maximum humidity	95 % RH non-condensing

Material	
Plastic flame rating	UL94 V-0
Ingress protection rating	IP 20

Mechanical	
Dimensions	180 W x 110 H x 64 D mm (7.1 W x 4.3 H x 2.5 D in.)

Weight, RP-C-12A-M-24V	0.336 kg (0.741 lb)
Weight, RP-C-12B-M-24V	0.358 kg (0.789 lb)
Weight, RP-C-16A-M-24V	0.360 kg (0.794 lb)
Recommended installation	DIN rail or flat surface in a cabinet[a]

a) It is recommended to install the device in an enclosure (cabinet), unless local regulations allow an exception.

Terminal blocks	Power and I/O: Fixed BACnet MS/TP communications: Removable

EasyLogic RP-C

Optional covers

Dimensions	181 W x 164 H x 64 D mm (7.1 W x 6.5 H x 2.5 D in.)

mm
(inches)

← 181 (7.1) →

164
(6.5)

← 64 (2.5) →

← 50 (2.0) →

Weight, optional covers	0.070 kg (0.154 lb)

Compatibility

EcoStruxure BMS server communication EcoStruxure Building Operation	version 5.0.1 and later

Agency compliances

Emission	RCM; BS/EN 61000-6-3; BS/EN IEC 63044-5-2; FCC Part 15, Sub-part B, Class B
Immunity	BS/EN 61000-6-2; BS/EN IEC 63044-5-3
Safety standards	BS/EN 60730-1; BS/EN 60730-2-11; BS/EN IEC 63044-3; UL 916 C-UL US Listed[a]

a) The RP-C-12A, -12B, and -16A models are marked "Open Energy Management Equipment".

Fire performance in air-handling spaces[a]	UL 2043

a) The RP-C-12A, -12B, and -16A models are approved for plenum applications.

Real-time clock

RP-C-16A-M-24V Only

Accuracy, at 25 °C (77 °F)	+/-1 minute per month
Backup time, at 25 °C (77 °F)	7 days minimum

Communication ports

RS-485 port Com A	24 VDC, 3 W, RS-485 (RJ45) Transient voltage suppressors on communication and power signals
RS-485 port	RS-485 (3-pole screw terminal block) Transient voltage suppressors on communication signals

EasyLogic RP-C

Continued

RS-485 transceiver characteristics	
Transceiver type	Failsafe Non-isolated
External biasing	None required
Total Unit Load (UL) per device	Maximum 0.5 UL

Communications	
BACnet	BACnet MS/TP, maximum bus length: 1200 m (4000 ft), maximum baud rate: 76800 BTL B-AAC (BACnet Advanced Application Controller)[a]

a) See the BTL Product Catalog for up-to-date details on BTL listed firmware revisions on BACnet International's home page.

CPU	
Frequency	500 MHz
Type	ARM Cortex-A7 single-core
Internal SRAM	6 MB
NOR flash memory	32 MB
Memory backup	128 kB[a], FRAM, non-volatile

a) RP-C-12A-M-24V and RP-C-12B-M-24V with hardware version earlier than 01 and RP-C-16A-M-24V with hardware version earlier than 03 have a FRAM memory with a size of 8 kB. For these hardware versions, the use of Script programs is recommended to save FRAM memory space.

Universal inputs/outputs	
Channels, RP-C-12A-M-24V	8 Ub, Ub1 to Ub8
Channels, RP-C-12B-M-24V	8 Ub, Ub1 to Ub8
Channels, RP-C-16A-M-24V	8 Ub, Ub1 to Ub8
Absolute maximum ratings	-0.5 to +24 VDC
A/D converter resolution	16 bits
Universal input/output protection	Transient voltage suppressor on each universal input/output

Digital inputs	
Range	Dry contact switch closure or open collector/open drain, 24 VDC, typical wetting current 2.4 mA
Minimum pulse width	150 ms

Counter inputs	
Range	Dry contact switch closure or open collector/open drain, 24 VDC, typical wetting current 2.4 mA
Minimum pulse width	20 ms
Maximum frequency	25 Hz

Supervised inputs	
5 V circuit, 1 or 2 resistors Monitored switch combinations	Series only, parallel only, and series and parallel
Resistor range For a 2-resistor configuration, each resistor must have the same value +/- 5 %	1 to 10 kohm

EasyLogic RP-C

Voltage inputs	
Range	0 to 10 VDC
Accuracy	+/-(7 mV + 0.2 % of reading)
Resolution	1.0 mV
Impedance	1 Mohm
Current inputs	
Range	0 to 20 mA
Accuracy	+/-(0.01 mA + 0.4 % of reading)
Resolution	1 µA
Impedance	47 ohm
Resistive inputs	
10 ohm to 10 kohm accuracy R = Resistance in ohm	$+/-(7 + 4 \times 10^{-3} \times R)$ ohm
10 kohm to 60 kohm accuracy R = Resistance in ohm	$+/-(4 \times 10^{-3} \times R + 7 \times 10^{-8} \times R^2)$ ohm
Temperature inputs (thermistors)	
Range	-50 to +150 °C (-58 to +302 °F)
Supported thermistors	
Honeywell	20 kohm
Type I (Continuum)	10 kohm
Type II (I/NET)	10 kohm
Type III (Satchwell)	10 kohm
Type IV (FD)	10 kohm
Type V (FD w/ 11k shunt)	Linearized 10 kohm
Satchwell D?T	Linearized 10 kohm
Johnson Controls	2.2 kohm
Xenta	1.8 kohm
Balco	1 kohm
Measurement accuracy	
20 kohm	-50 to -30 °C: +/-1.5 °C (-58 to -22 °F: +/-2.7 °F) -30 to 0 °C: +/-0.5 °C (-22 to +32 °F: +/-0.9 °F) 0 to 100 °C: +/-0.2 °C (32 to 212 °F: +/-0.4 °F) 100 to 150 °C: +/-0.5 °C (212 to 302 °F: +/-0.9 °F)
10 kohm, 2.2 kohm, and 1.8 kohm	-50 to -30 °C: +/-0.75 °C (-58 to -22 °F: +/-1.35 °F) -30 to +100 °C: +/-0.2 °C (-22 to +212 °F: +/-0.4 °F) 100 to 150 °C: +/-0.5 °C (212 to 302 °F: +/-0.9 °F)

EasyLogic RP-C

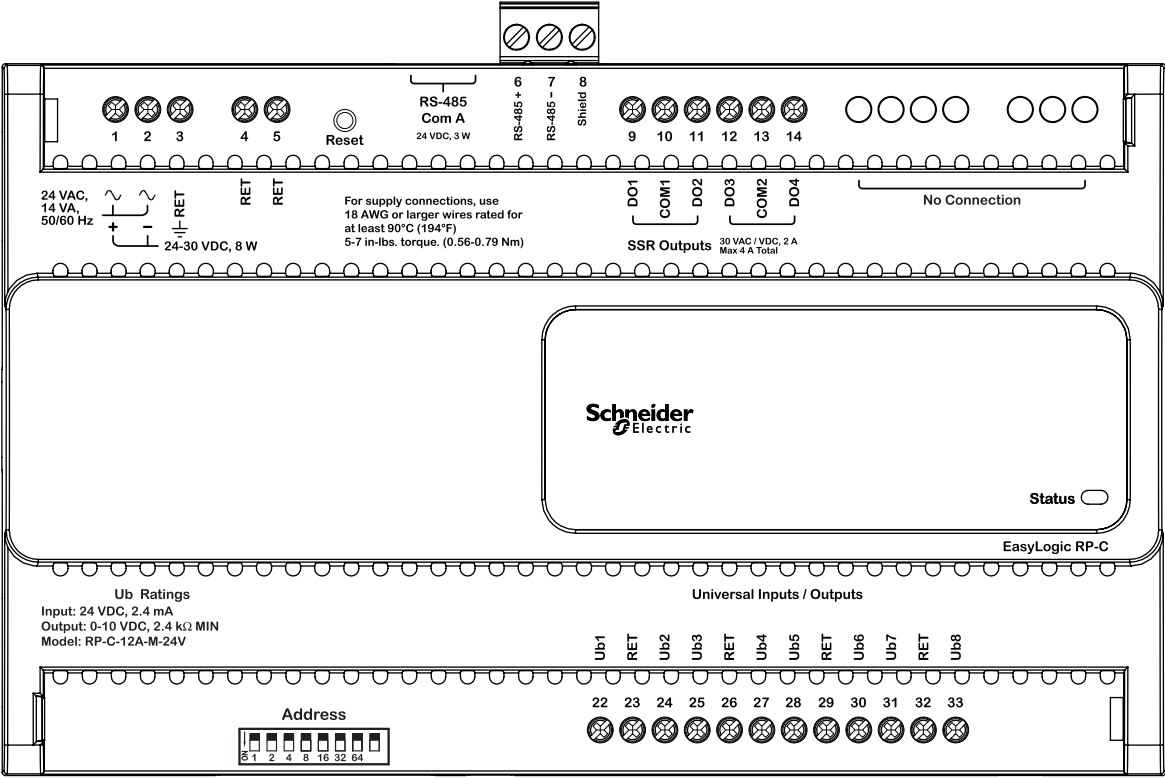|	
Linearized 10 kohm	-50 to -30 °C: +/-2.0 °C (-58 to -22 °F: +/-3.6 °F) -30 to 0 °C: +/-0.75 °C (-22 to +32 °F: +/-1.35 °F) 0 to 100 °C: +/-0.2 °C (32 to 212 °F: +/-0.4 °F) 100 to 150 °C: +/-0.5 °C (212 to 302 °F: +/-0.9 °F)
1 kohm	-50 to +150 °C: +/-1.0 °C (-58 to +302° F: +/-1.8 °F)
Voltage outputs	
Range	0 to 10 VDC
Accuracy	+/-60 mV
Resolution	10 mV
Minimum load resistance	2.4 kohm
Source current	+4.2 mA
Sink current	-1 mA (0 to 0.4 VDC) -4.2 mA (0.4 to 10 VDC)
Relay outputs, DO	
Channels, RP-C-12A-M-24V	0
Channels, RP-C-12B-M-24V	3, DO1 to DO3
Channels, RP-C-16A-M-24V	3, DO5 to DO7
Contact rating	Pilot Duty (C300) Resistive load: 250 VAC/30 VDC, 4 A (cos phi = 1) Inductive load: 250 VAC/30 VDC, 4 A (cos phi = 0.4)
Switch type	Form A Relay Single Pole Single Throw Normally Open
Commons	COM1 for DO1, DO2, and DO3 (on RP-C-12B model) COM3 for DO5, DO6, and DO7 (on RP-C-16A models)
Isolation contact to system ground	3,000 VAC
Cycle life	At least 100,000 cycles
Minimum pulse width	100 ms
High power relay outputs, DO	
Channels, RP-C-12A-M-24V	0
Channels, RP-C-12B-M-24V	1, DO4
Channels, RP-C-16A-M-24V	1, DO8
Contact rating	Pilot Duty (B300) Minimum current: 100 mA (5 VDC) Normally Open contact, resistive load: 250 VAC/24 VDC, 12 A (cos phi = 1) Normally Closed contact, inductive load: 250 VAC/24 VDC, 3 A (cos phi = 0.4)
Switch type	Form C Relay Single Pole Double Throw Normally Open and Normally Closed
Isolation contact to system ground	5,000 VAC

EasyLogic RP-C

Continued

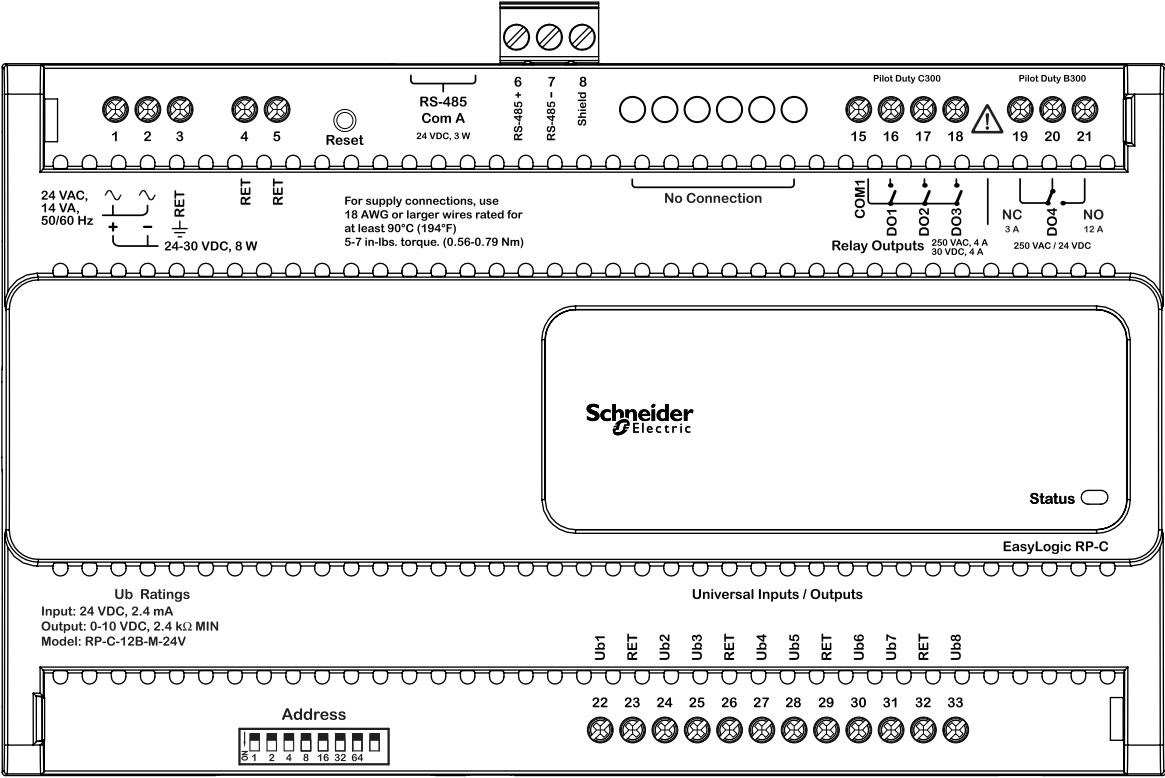|	
Cycle life	At least 100,000 cycles
Minimum pulse width	100 ms
Solid-state relay outputs, DO	
Channels, RP-C-12A-M-24V	4, DO1 to DO4
Channels, RP-C-12B-M-24V	0
Channels, RP-C-16A-M-24V	4, DO1 to DO4
Output rating	Maximum 2 A load per output Maximum 4 A total load for the 4 outputs
AC voltage range	Maximum 30 VAC
DC voltage range	Maximum 30 VDC
Commons	COM1 for DO1 and DO2 (on RP-C-12A and -16A models) COM2 for DO3 and DO4 (on RP-C-12A and -16A models)
When the SSR outputs are used to switch AC, the common terminals can be connected to 0 to 30 VAC. When the SSR outputs are used to switch DC, the common terminals can be connected to -30 VDC to +30 VDC.	
Common voltage range (AC)	0 to 30 VAC
Common voltage range (DC)	-30 to +30 VDC
Minimum pulse width	100 ms
Solid-state relay output protection	Transient voltage suppressor across each solid-state relay (SSR) output

Terminals

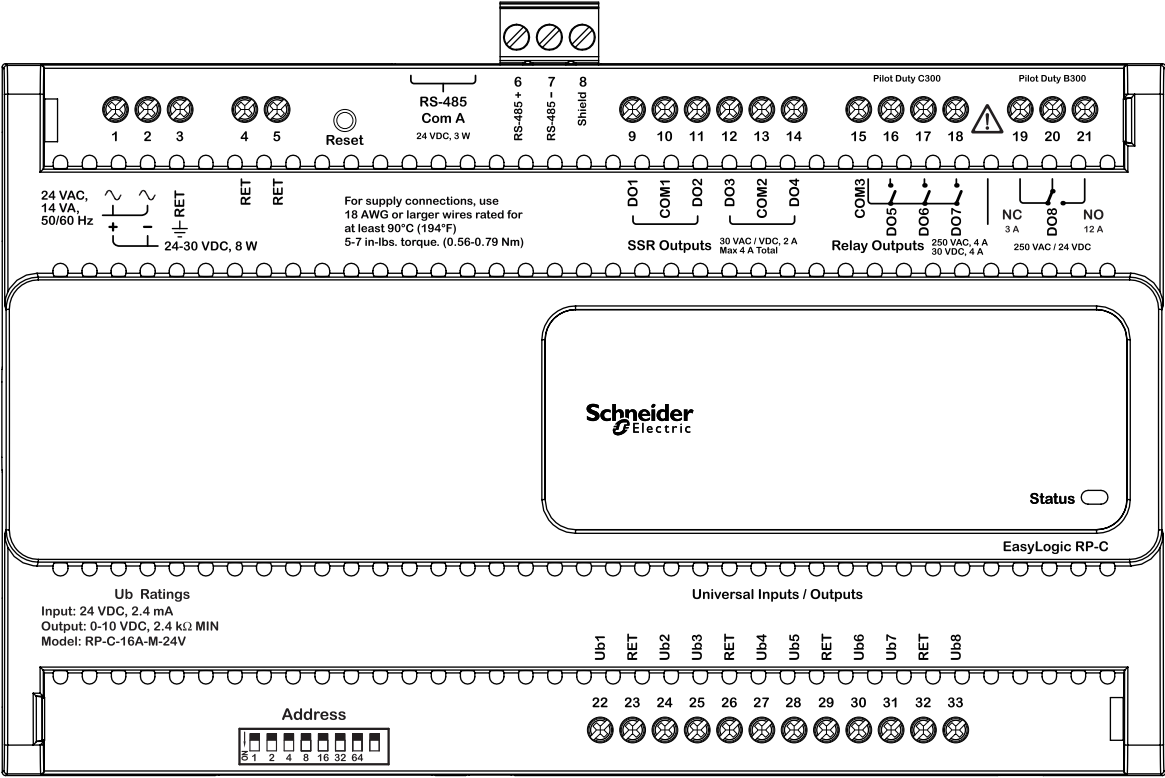For more information on wiring, see Hardware Reference Guide.

EasyLogic RP-C

RP-C-12A-M-24V model

Diagram labels:

1 2 3 4 5 Reset

RS-485 Com A 24 VDC, 3 W

6 RS-485 +
7 RS-485 –
8 Shield

9 10 11 12 13 14

24 VAC, 14 VA, 50/60 Hz
RET RET RET
24-30 VDC, 8 W

For supply connections, use 18 AWG or larger wires rated for at least 90°C (194°F)
5-7 in-lbs. torque. (0.56-0.79 Nm)

DO1 COM1 DO2 DO3 COM2 DO4

SSR Outputs   30 VAC / VDC, 2 A Max 4 A Total

No Connection

Status

EasyLogic RP-C

Ub Ratings
Input: 24 VDC, 2.4 mA
Output: 0-10 VDC, 2.4 kΩ MIN
Model: RP-C-12A-M-24V

Universal Inputs / Outputs

Ub1 RET Ub2 Ub3 RET Ub4 Ub5 RET Ub6 Ub7 RET Ub8

22 23 24 25 26 27 28 29 30 31 32 33

Address
1 2 4 8 16 32 64

EasyLogic RP-C

RP-C-12B-M-24V model

EasyLogic RP-C

RP-C-16A-M-24V model

EasyLogic RP-C

Regulatory Notices

Federal Communications Commission
FCC Rules and Regulations CFR 47, Part 15, Class B
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including interference that may cause undesired operation.
Industry Canada
This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Regulatory Compliance Mark (RCM) - Australian Communications and Media Authority (ACMA)
This equipment complies with the requirements of the relevant ACMA standards made under the Radiocommunications Act 1992 and the Telecommunications Act 1997. These standards are referenced in notices made under section 182 of the Radiocommunications Act and 407 of the Telecommunications Act.

CE - Compliance to European Union (EU)
2014/30/EU Electromagnetic Compatibility Directive
2014/35/EU Low Voltage Directive
2011/65/EU Restriction of Hazardous Substances (RoHS) Directive
2015/863/EU amending Annex II to Directive 2011/65/EU
This equipment complies with the rules, of the Official Journal of the European Union, for governing the Self Declaration of the CE Marking for the European Union as specified in the above directive(s).

WEEE - Directive of the European Union (EU)
This equipment and its packaging carry the waste of electrical and electronic equipment (WEEE) label, in compliance with European Union (EU) Directive 2012/19/EU, governing the disposal and recycling of electrical and electronic equipment in the European community.

UK Conformity Assessed
S.I. 2016/1091 - Electromagnetic Compatibility Regulations 2016
S.I. 2016/1101 - Electrical Equipment (Safety) Regulations 2016
S.I. 2012/3032 - Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
S.I. 2013/3113 - Waste Electrical and Electronic Equipment Regulations 2013
This equipment complies with the rules, of the UK regulations, for governing the UKCA Marking for the United Kingdom specified in the above directive(s).

UL 916 Listed products for the United States and Canada, Open Class Energy Management Equipment. UL file E80146.

www.se.com/buildings

Life Is On | Schneider Electric