

Product data sheet

Specifications



Light expansion module, SpaceLogic RP Expansion Modules, DALI [TAA]

SXWREDALI110001

Product availability: Stock - Normally stocked in distribution facility

Main

Range	EcoStruxure Building Operation
product name	SmartX Room Purpose Controller
Device short name	RP-C-EXT-DALI-1
Product brand	Schneider Electric
Product or Component Type	Bus extension module
[Us] rated supply voltage	100...277 V AC
Discrete input number	4, dry contact
Discrete output number	4 lamp
Discrete output voltage	100...277 V AC power supply output
Discrete output current	64 mA lamp DA+, DA-)

Complementary

Supply voltage limits	90...304 V
Network Frequency	50 Hz 60 Hz
Maximum power consumption in VA	10 VA
Power supply input current	2.2 mA 5 V
Input type	Digital
Range compatibility	EcoStruxure Building Operation software
Maximum current per output common	250 mA DA+, DA-
Processor name	ARM Cortex-M4
Memory description	Flash 1024 kB Internal RAM 320 kB
Data backed up	16 MB flash memory
Function Available	Light control DALI bus terminal
Control type	ADDRESS 0...9 rotary
Communication port protocol	Ethernet Modbus TCP/IP daisy chain RS485
Port Ethernet	10/100BASE-T 2 RJ45
Local signalling	LED (green/red) for status indication
Electrical connection	2-pin terminal block, 4 input circuit 2-pin terminal block, 4 output 3-pin terminal block, 1 power supply

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Mounting support	DIN rail surface mount
Color	Black
Height	4.3 in (110 mm)
Depth	2.5 in (64 mm)
Width	7.8 in (198 mm)

Environment

Standards	EN 60730-1 EN 60730-2-11 EN 50491-3 UL 916
Product certifications	RCM
Electromagnetic compatibility	Electromagnetic emission conforming to EN 61000-6-3 Electromagnetic emission conforming to EN 50491-5-2 Electromagnetic emission class B conforming to FCC part 15 Subpart B Immunity to electromagnetic emissions conforming to EN 50491-5-3 Immunity to electromagnetic emissions conforming to EN 61000-6-2
Ambient air temperature for operation	32...122 °F (0...50 °C)
Ambient Air Temperature for Storage	-4...158 °F (-20...70 °C)
Relative humidity	20...90 %, non-condensing
IP degree of protection	IP20
pollution degree	2
Flame retardance	UL94-V0
Overvoltage category	III

Ordering and shipping details

Category	US1BMS180230
Discount Schedule	BMS1
GTIN	3606489856854
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.43 in (21.4 cm)
Package 1 Width	5.35 in (13.6 cm)
Package 1 Length	2.68 in (6.8 cm)
Package 1 Weight	14.1 oz (400 g)

Compliance

Compliance	TAA
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	32
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	64614fbb-7734-463c-be32-233b0315899a
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative

