

Room Light Transmitter BRLT511

DESCRIPTION

The BRLT511 is a loop powered LUX or light intensity transmitter mounted in a standard HPM Excel style switch plate. Standard output is 4 - 20mA with a minimum supply voltage of 6.3V. This enables the BRLT511 to be used in 12V battery supply systems. Typical applications include lighting control for building automation and energy management.



GENERAL SPECIFICATIONS

Size: 74W x 117H x 25D (including terminal block at the back)
 Mounting: Choice of 8 holes after removing decorator plate.
 Connection: Plug in terminal block / 0.5 – 1.5mm².
 Calibration accuracy: < 5% of range.
 Operating temperature range: -10...+65°C.
 Temperature drift error: <0.5% within operating range.
 Supply voltage: 6.3-40V continuous (50V 30 seconds).
 Load for 4-20mA output: $RL_{max} = \frac{\text{Supply V} - 6.3V}{0.02} \Omega$
 Load change effect: 0.1% up to RL max.
 Response time: 0.2 sec for T90.
 Input range: Dip switch or solder blob select from 200 up to 187000 LUX range.
 Electromagnetic compatibility: Complies with AS/NZS 4251.1, CE EN 50081.

Ordering Information

*) RLT511-11 = 4 - 20mA 2-wire output , dip-switch selectable range see table below.
 RLT511-12 = 4 - 20mA 2-wire output , specify LUX range when ordering e.g. 0 – 1000 LUX

*) = Price Extra.

Input LUX setting available with "RLT511-11" model

SET \ LUX	1	2	3	4	5	6
0 – 200	X	-	-	-	-	-
0 – 500	-	X	-	-	-	-
0 – 1000	-	-	X	-	-	-
0 – 2000	-	-	-	X	-	-
0 – 5000	-	-	-	-	X	-
0 – 10000	-	-	-	-	-	X
Any combination is also available: e.g.						
0-1700	X	X	X	-	-	-

X = switch on, - = switch off.

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