

LTE communicator for PowerMaster panels — Technical Specifications

Modem type	LE910-EU V2 for 433 MHz and 868 MHz PowerMaster panels
Communication	Data, SMS, Voice/Audio ¹
Supply voltage	3.4 – 4.2 VDC Recommended voltage: 3.8 VDC
Bands	LE910-EU V2: GSM/GPRS: 1800, 900MHz WCDMA: 2100, 900 MHz LTE: 2100, 1800, 2600, 900, 800 MHz
Transmission maximum power	GSM/GPRS: Low bands – Class 4 (2W) High bands – Class 1 (1W) WCDMA: Class 3 (0.25W) LTE: Class 3 (0.2W)
Sensitivity	LE910-EU V2 DCS 1800 MHz –110 dBm GSM 900 MHz –109 dBm WCDMA 2100 MHz –111 dBm WCDMA 900 MHz –110 dBm LTE 2100 MHz –103 dBm LTE 1800 MHz –101.5 dBm LTE 2600 MHz –101.5 dBm LTE 900 MHz –102.5 dBm LTE 800 MHz –101.5 dBm
Control	By AT commands (07.05, 07.07, and TELIT enhancement)
Ports	2 UART ports 1 digital audio port ¹
CODEC types¹	GSM: FR, HR, EFR, AMR WCDMA: AMR LTE: AMR
GPRS class	Class 10
External SIM card voltage	3.0V/1.8V
Average current consumption in idle mode	GSM: 14 mA WCDMA: 15 mA LTE: 13 mA
Average current consumption in idle mode	GPRS: Low band 580 mA High band 350 mA GSM voice: Low band 300 mA High band 180 mA WCDMA data: 440 mA maximum WCDMA voice: 140 mA LTE data: 190 mA, Maximum 500 mA
Dimensions	50 x 59 x 20.6 mm

¹Applicable only for PowerMaster panels that support Voice / Audio capabilities.

© 2022 Johnson Controls. All rights reserved. JOHNSON CONTROLS, TYCO and VISONIC are trademarks of Johnson Controls.

D-308297 Rev. 1 (03/22) LTE communicator for PowerMaster panels — Technical Specifications



D-308297