Connective Peripherals Pte Ltd.

178 Paya Lebar Road, #07-03 Singapore 409030
Tel: +65 67430980 Fax: +65 68416071
E-Mail: sales@connectiveperipherals.com Web: http://www. Connectiveperipherals.com

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Product Change Notification

Product Part Number	ES-R-2101B-M to ES-R-2101C-M	
Description of Change	Update to internal power supply circuitry	ES-R-2101C-M will begin shipping once current inventory is depleted
Reason for Change	Updated circuit for the voltage regulator and DC: DC converter	
Detailed Description	The following changes have been made: • Internal voltage regulator has been replaced with a different model • The internal DC: DC converter has been replaced with a different model • The inductor has also been replaced with a different part number • The schematic and layout of the internal PCB is accordingly changed • There is no change to the RS232-RS422/485 circuit and so the revision B and revision C units are functionally equivalent in terms of the RS232-RS422/485 Serial conversion. • There is no change to the enclosure and the shape of the product compared to ES-R-2101B-M. The two versions look identical externally, the differences are only visible when the enclosure is opened • The input range for the power supply in revision C is now 9V DC to 36V DC (the revision B units had an input range of 9V DC to 48V DC). Therefore, the user must ensure that the power supply used with the revision C unit is within the range 9V to 36V.	
Impact to Data sheet	The revision C units have a reduced maximum power supply voltage and operate with a 9V DC to 36V DC supply. The datasheet spec has been revised accordingly to change the specification from "9V DC to 48V DC" to "9V DC to 36V DC".	
Benefit of Change	Improved internal power supply to the internal serial conversion components	
Markings to distinguish revised from:	There are no external changes to the enclosure. The updated version can be identified by the part number: The ES-R-2101B-M is replaced by the ES-R-2101C-M	
Sample Availability	Available now	
Risk Assessment, Fit Form and Function & reliability	Not applicable	
PDF Download	https://connectiveperipherals.com/pages/resources	

Additional Information

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