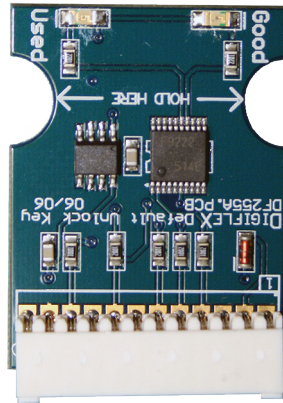


CM255B Factory Default Module



Security Systems

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Installer Reference Guide
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CM255B - FACTORY DEFAULT MODULE

Selected Solution control panels include a software option that when selected will disable the factory defaulting option. If this option has been set, then you must know the current installer PIN code to access programming mode or to default the panel. Table 2 lists the current panels which support the CM255B default module.

To determine if the panel has been factory default disabled, remove all power to the panel and then re-apply the power. If the on board relay pulses or clicks five times then defaulting has been disabled.

In the field many situations arise where it is not possible to determine the current installer PIN code. Until now, the only remedy for this was to remove the control panel and return it to the distributor for factory defaulting. Panel removal, transportation costs, installer labour and the possibility of damage during transit make this a costly exercise.

The CM255B factory default module has been designed to eliminate the need to un-wire the control panel or spend the time and money returning it to the factory for defaulting.

Indicators

The CM255B includes Red and Green indicators which identify the condition of the module.

Module Indicators		
Indicator	Condition	Action
Red LED	ON Steady	Module has already been used and can't be used again. Discard module.
Green LED	ON Steady	Default module is good. Remove power to panel and then re-apply to initiate the defaulting procedure.
Red & Green LEDs	Alternate Flashing	Factory defaulting initiated, module can be removed and discarded.

Table 1: Module Indicators

The CM255B is a ONE TIME USE ONLY device. Discard after use!

Testing

If required it is possible to test the state of the CM255B module to see if it has already been used. To do this you must make sure that the panel is powered up and running **BEFORE** connecting the CM255B module. Once connected, if the Green indicator is ON then the module is good and if the Red indicator is ON then the module has been used and should be discarded.

Operation

Before you are able to use the CM255B you will need to open the control panel cabinet and locate the port on the circuit board labelled "Serial Port" or "Direct Link Port".

**WARNING all current control panel programming may be lost if you continue.
Read this sheet completely before proceeding.**

- 1) Remove battery and AC power from the control panel.
- 2) Plug the CM255B into the connector marked "Serial Port" or "Direct Link Port" paying attention to orientation. See Figure 1.
- 3) Apply AC power to the control panel and connect the battery.
- 4) The red and green indicators on the CM255B should start to flash.
If only the RED indicator comes on then the CM255B has already been used and should be discarded.
- 5) Once the RED and GREEN indicators are flashing remove the CM255B and discard.

Compatibility

The CM255B is compatible with the following Solution control panels. For more information please contact your nearest Bosch branch or Bosch security products distributor.

CM255B Module Compatibility		
Panel Type	Supported	Default Type Performed
Solution 16i	Yes	Complete Factory Default
Solution 16+	Yes	Complete Factory Default
Solution 64	Yes	Complete Factory Default
Solution 144	Yes	Installer code & RAS Pin Defaulted Only

Table 2: CM255B Module Compatibility

Warranty

There is no warranty provided with this product because of its disposable nature. Once used the module should be discarded.

CM255B Connection Diagram

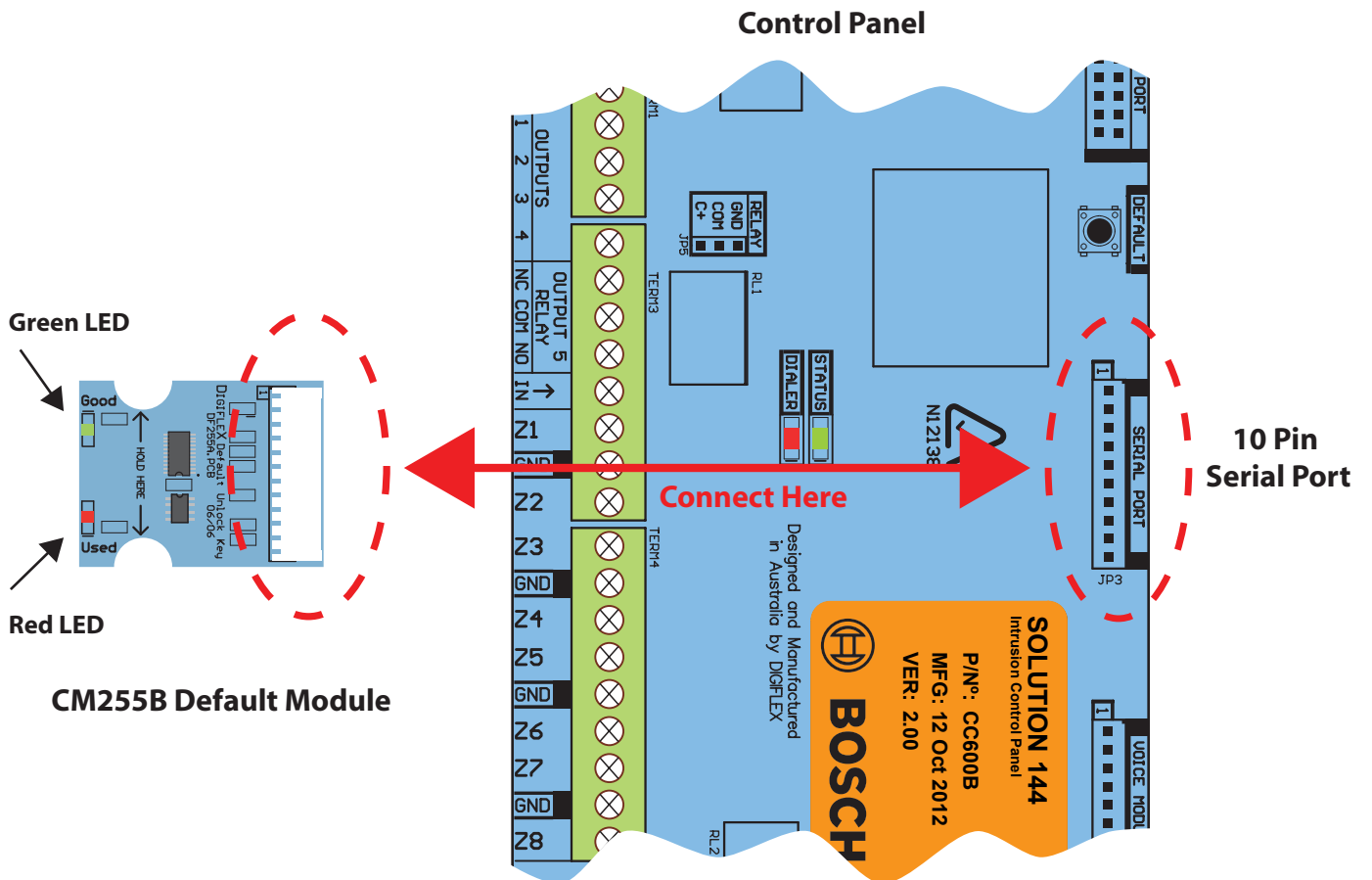


Figure 1: CM255B Connection Diagram

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