BusCon M 10 H Panel and Bus Terminal Module

Product reference	
Part No.	5100056-01A
Manufacturer	Consilium / Salwico
Model	BusCon M 10 H



Product overview

Terminal module for M4.3 panel functions and external BBE RS485 communication.

Key features

- BBE is not galvanically isolated; the original diagram separately labels serial channel 3 isolated.
- Select either RS232 or RS485.
- Complete manufacturer SKU 5100056-01A; historical marks do not establish current certification.

Installation & compatibility

- Terminal 34 must not be connected.
- Preserve both original pages for panel/BBE connector arrangements, LED states and mounting.

Technical specifications

Manufacturer Article Number	5100056-01A	BBE isolation limitation	BusCon M10 does NOT provide galvanically isolated BBE bus communication
Operating voltage range	19-30 VDC	Separate serial channel 3	Original panel-function table separately labels channel 3 ISOLATED SERIAL INTERFACE: RS232 Rx11/Tx12/CTS13/SG14 or RS485 D+23/D-24
Current consumption (at 24V)	3 mA	Panel programmable outputs	I/O70 output1: 21+/22-; output2: 31+/32-. Each is marked 24 V /70 mA in the original table
Cable terminals	2.5 mm²	BBU / prohibited terminal	33: BBU plus basic backup signal. Terminal 34: DO NOT CONNECT
Operating temperature range	-5°C to +55°C	BBE channel terminals	BBE1: D+41/D-42; BBE2: D+43/D-44. Preserve original diagram and channel distinctions
Weight (with housing)	130g	Communication indicators	RS485 COM1/COM2 Tx and Rx LEDs: green=OK, no light=no communication
Spare part no. without housing	5100055-A01	Panel connector arrangement	Original p2 diagram shows M4.3 P5 to BusCon M10 P5 and M4.3 P4 to BusCon M20 P4; preserve model-specific connector arrangement
Manufacturer-listed systems	Salwico Cargo, Cruise, LNG, Offshore, Ro/Pax, Workboat, Yacht, Navy, OEM Extinguish (2014 D source)	BBE connection arrangement	Original diagram links BusCon M10 by BBE to Control Panel M4.3, Control/Repeater M4.3 or another BusCon M10
Functions / compatibility	Terminal board for Control Panel M4.3 and Control/Repeater M4.3 functions, and for external Backbone Bus BBE RS485 Repeater; functions may be used together or individually	Dimensions	102 mm height; 112 mm overall depth/105 mm body depth; 29 mm overall width/23 mm front width
Serial communication selection	One connection for either RS232 or RS485 communication; not two simultaneous independent serial connections	Mounting / system instructions	Horizontal 35 mm DIN rail; use system Installation Manual for assembly and common system terms