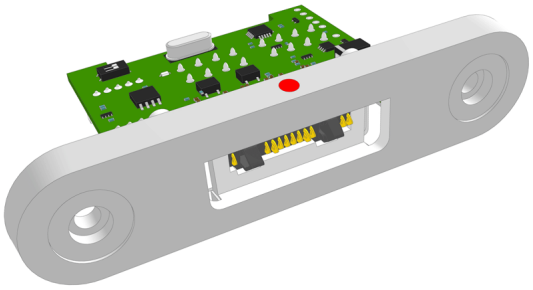
Medical Rail Socket

Features

- Simple installation into medical rails
- Safe Release socket for teleCARE IP patient handset
- Supports all types of teleCARE IP handsets
- Supports two lamp switching circuits
- Supports the teleCARE IP speech module
- Supports stereo TV audio via the TV interface module
- Supports the socket extension module and is prepared for the NIMA module
- Supports an external call switch contact.
- Available with gray or white body



Description

The Medical Rail Socket is a teleCARE IP peripheral. It is designed to be flush mounted by two screws in an opening in a medical rail.

The Medical Rail Socket is connected to the teleCARE IP room bus by a 4-pin connector. The room bus connector includes the 5.5Vdc power supply for the NIMS2.

The Medical Rail Socket includes a Safe Release socket for connecting a patient handset. A red dot on the mounting flange indicates the location of the Safe Release socket.

The Medical Rail Socket has on-board diagnostics with an LED which will illuminate if a room bus failure is detected.

The Medical Rail Socket supports an external call contact. The external call connection includes an open collector call lamp output and a 5.5Vdc output.

The Medical Rail Socket has two bidirectional solid state relays with normally open contacts for control of two lamp switching relays.

The Medical Rail Socket supports stereo TV audio input from the television interface module.

Note 1: *The TV stereo input must be via the TV interface module (Item. no. 660382)*

Note 2: *The 4-pole connector terminals are accessories and must be ordered separately*

Technical Specifications

Markets:		**EU**	**US**	**UK**	**ANZ**
Item number:	**NIMS2 GAA:** gray (NCS S2005 - R80B)	•			
	NIMS2 WAA: white (NCS 0603-G80Y)	•	•	•	•
Housing material	PC/ABS, Flammability class: HB				
Dimensions (W x H x D)	86 x 20 x 46 mm / 3.39 x 0.79 x 1.81 inch				
Mounting screws:	2 x 3.5mm / 0.14 inch self-tapping				
Processor	Type ATtiny 2313 universal				
Memory	2kB Flash 128 RAM 64 bytes EEPROM				
Connection Socket	1 x 12-pin Safe Release socket for a patient handset				
Electrical connections	1 x 4-pin connector for the room bus				
	1 x 4-pin connector for external call contact and a lamp output				
	1 x 4-pin connector for audio input				
	1 x 4-pin connector for 2 light switching relays				
	1 x 5-pin connector for an NISP speech module				
	1 x 5-pin connector for an NIMA multi medical alarm module				
Power input	5.5Vdc (from the room bus)				
Current consumption	Idle:11mA Max. 100mA (including handset and one lamp relay activated)				
Lamp relay contacts	2 x Max. 300mA at 30Vdc				
External lamp output	Max. 50mA at 5.5Vdc				
Environment:	Operating temperature: 0°C to 40°C / 32°F to 104°F Storage temperature: -25°C to 55°C / -13°F to 131°F Relative Humidity: 30 to 85% (non condensing) Enclosure protection rating: IP40	•		•	•
Environment: (UL 2560 installations)	Operating temperature: 10°C to 49°C / 50°F to 120°F Storage temperature: -25°C to 55°C / -13°F to 131°F Relative Humidity: 0 to 95%, non condensing at 40°C / 104°F Enclosure protection rating: IP40		•		

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Markets:		EU	US	UK	ANZ
Regulatory Compliance EU/EFTA	 VDE 0834 RoHS 2011/65/EU and EMC 2014/30/EU Complies with the relevant dates and amendments of the following EN standards (the valid references to dates and amendments are stated in the Declaration of Conformity): EN 55032 EN 55024 EN 60950-1	•		•	
Regulatory Compliance US/CAN	 ANSI/UL 2560 CAN/CSA C22.2 No. 205 FCC part 15B ICES-003		•		
Regulatory Compliance Australia / New Zealand	 EMC: EN 55032 AS 3811				•
Accessories:	NICT-4AA: Connector terminal 4-pole	•	•	•	•