HSA-67 MODBUS

Mountings holes suitable for socket head M3 screw

All dimensions are in mm.

General Specification

Rated Operational Voltage	24 V
Current Rating	200 mA (per channel)
Insulation Resistance	≥ 100 MΩ
Temperature Range	-25... +75°C
Degree of Protection	IP67#
Channel Input	PNP Type
Protocol	MODBUS/RTU
Data Baud Rate	9600
Slave Address	01 to 16 (Selectable)
Function Code	03
Quantity of Register	01
Address of Register	0000

Material Specification

Grip Material	PU
Contact	Cu-Zn
Contact Plating	Gold Plated
Contact Carrier	Nylon 66
Grip Colour	Black
Coupling Nut	Brass Nickel-Plated
Hub Material	ABS
Hub Dimension (mm)	115 x 75 x 30

Cable Specification

Cable Length	Refer Table 1
Cable Type (T1)	4 Core PVC Multi Strand
Cable Type (C1 to C8)	3 Core PVC Multi Strand
Sheath Colour	Black
Cross Section of Wire (T1)	4 x 0.34 sq. mm
Cross Section of Wire (C1 to C8)	3 x 0.25 sq. mm
Cable Diameter (T1)	∅4.9 ± 0.1 mm
Cable Diameter (C1 to C8)	∅4.4 ± 0.1 mm
Core Diameter (T1)	∅1.3 mm
Core Diameter (C1 to C8)	∅1.25 mm

Specifications are subject to change without notice.
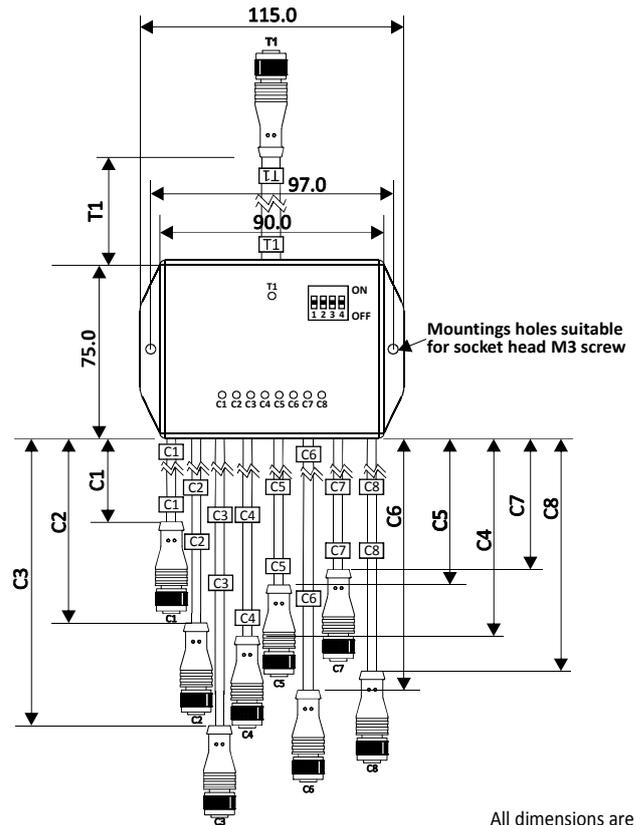
Slave-ID	Switch-1	Switch-2	Switch-3	Switch-4
01	OFF	OFF	OFF	OFF
02	OFF	OFF	OFF	ON
03	OFF	OFF	ON	OFF
04	OFF	OFF	ON	ON
05	OFF	ON	OFF	OFF
06	OFF	ON	OFF	ON
07	OFF	ON	ON	OFF
08	OFF	ON	ON	ON
09	ON	OFF	OFF	OFF
10	ON	OFF	OFF	ON
11	ON	OFF	ON	OFF
12	ON	OFF	ON	ON
13	ON	ON	OFF	OFF
14	ON	ON	OFF	ON
15	ON	ON	ON	OFF
16	ON	ON	ON	ON

Pin Assignment

2(D-)
1(+24 V)
3(GND)
4(D+)

T1

2(NOT USED)
1(+24 V)
3(GND)
4(O/P)

C1 to C8
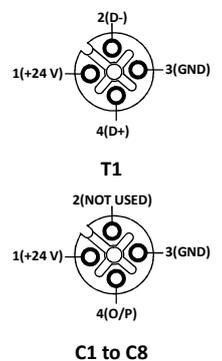
Table 1

Channels	Cable Length	Connector Size	Connector Type	Head Design	No. of Pins
T1	10m	M12	Molded	Straight	4
C1	5m	M12	Molded	Straight	4
C2	5m	M12	Molded	Straight	4
C3	5m	M12	Molded	Straight	4
C4	5m	M12	Molded	Straight	4
C5	5m	M12	Molded	Straight	4
C6	5m	M12	Molded	Straight	4
C7	5m	M12	Molded	Straight	4
C8	5m	M12	Molded	Straight	4

Your Part No : 1213814

NOTE : # - Not applicable for Hub when protruded component Viz. Antenna, slide switch etc.

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