

Junction Box With Wire Connection

Specifications

Electrical

| | |
|---------------------|-------------------------|
| Supply | 24 V DC \pm 10% |
| Rated Current | Max. 2A per Port |
| Total Rated Current | Max. 8A |
| Connection | Through Cable |
| I/Os Connection | M12, 5pin Female Socket |
| Port | 6 |

Mechanical Characteristics

| | |
|---------------------------|-----------------|
| Housing Material | PBT Plastic |
| Material of Moulding Mass | Nylon 66 |
| Contact Carrier Material | Nylon 66 |
| Contact Material | Brass-Ni Plated |
| Contact Surface Material | Gold Plated |
| Material O-Ring | Neoprene |
| Protection | IP65 / IP67 |

Environment Limits

| | |
|-----------------------|------------|
| Operating Temperature | 0 ... 55°C |
| Storage Temperature | 0 ... 70°C |

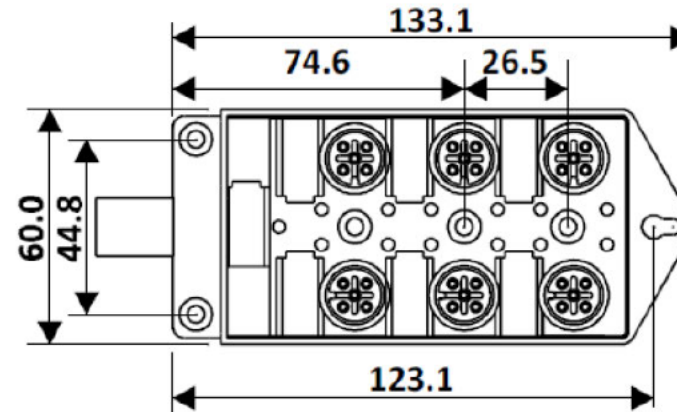
Indications

| | |
|------------|------------|
| Yellow LED | Power |
| Red LEDs | NC I/O (B) |
| Green LEDs | NO I/O (A) |

Cable Specification

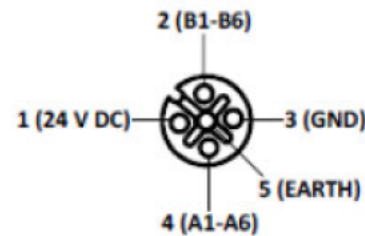
| | |
|-----------------------|----------------------------------|
| Cable Length | 10 m |
| Cable Type | PVC 15 Core Multi Strand |
| Sheath Colour | Black |
| Cross Section of Wire | 3 x 0.5 sq. mm, 12 x 0.25 sq. mm |
| Cable Dia | 10.8 \pm 0.1 mm |
| Termination | Partially Stripped |



Dimensions: (mm)



| | |
|----------------|---------|
| Brown | 24 V DC |
| Blue | GND |
| Red | B1 |
| Orange | A1 |
| Yellow | B2 |
| White - Blue | A2 |
| Green | B3 |
| White - Yellow | A3 |
| Pink | B4 |
| White - Green | A4 |
| Violate | B5 |

| | |
|----------------|-------|
| Black | A5 |
| Grey | B6 |
| White | A6 |
| Yellow - Green | Earth |



| | | | | |
|---|--------|---|------------|--|
| TOLERANCE | |  | | |
| SCALE | UNIT | | | |
| DRAW | Brown | DATE | 31.10.2018 | TITLE SM C10 B06-12P5B-CB10 |
| CHECK | Walter | REV | | |
|  | | DESCRIPTION Junction Box With Wire Connection | | |