



## DISTRIBUTION BOXES



## DISTRIBUTION BOXES

### GENERAL FEATURES:

**Type of terminations :**

Terminal block with screws.

**SIGNAL per OUTLET:**

Single.

**Max. screw torque IEC60947-1 :**

M8 coupling nut torque 0.2N\*m.

**Flammability resistance :**

UL94-V2 - Standard.

**Cable Gland :**

PG11 :  $\varnothing$  CABLE 6.5 - 9.5mm.

**Rated voltage:**

10-30V DC.

**M8 Contact material and treatment :**

Brass + Gold flash.

**Protection class :**

IP 67 (assembled).

**Conductor cross section :**

0.14(26AWG)...1mm<sup>2</sup>(17AWG).

**Rated current:**

Current carrying capacity per I/O signal: 2A.  
Current carrying capacity per slot: 2A.  
Total rated current: 8A.

**Housing material :**

PA66 UL94-V2.

**Operating temperature :**

-40°C +90°C.

**Circuit type :**

PNP circuit.  
NPN circuit (upon request).

**Fixing system :**

M8 coupling nut.

**Internal core material :**

PA66 UL94-V2.

**Coupling nut material :**

Brass + Nickel plated.

**Local diagnostic :**

Supply voltage: Green Led.  
Status display I/O: Red Led.

J 08 T 6 B 3 - ##

**SERIES**

J : DISTRIBUTION BOX.

**TYPE**

08 : M8 CIRCULAR CONNECTOR.

**GENDER**

T : DISTRIBUTION BOX FIELD ATTACHABLE.

**NUMBERS OF POSITIONS**

6 : 6 POSITIONS. 8 : 8 POSITIONS. 10 : POSITIONS.

**COLOUR**

B : BLACK.

**NUMBERS OF POLES**

3 : 3POLES.

**SOME VARIABLES**

Y : WITHOUT H.T.P.LOGO.

WL : WITHOUT LED.

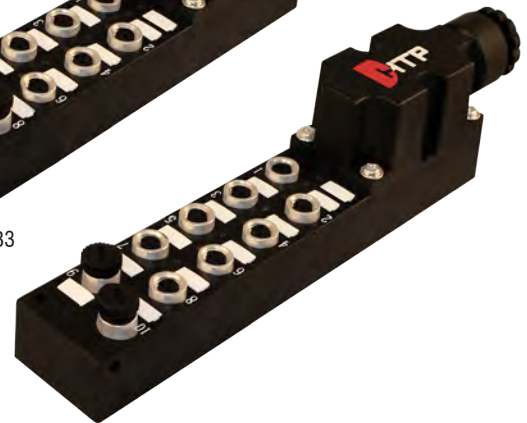
NPN : NPN CIRCUIT.



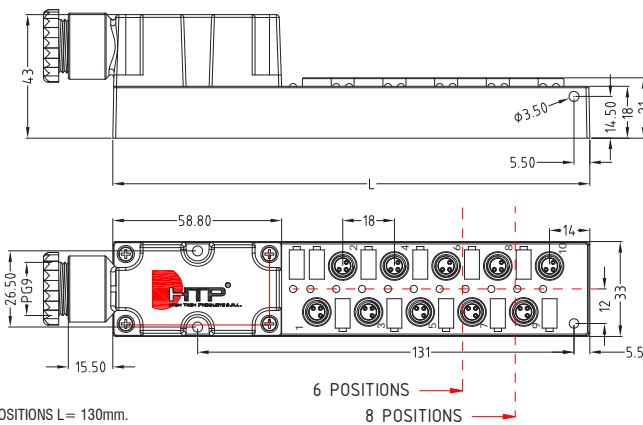
J08T6B3



J08T8B3



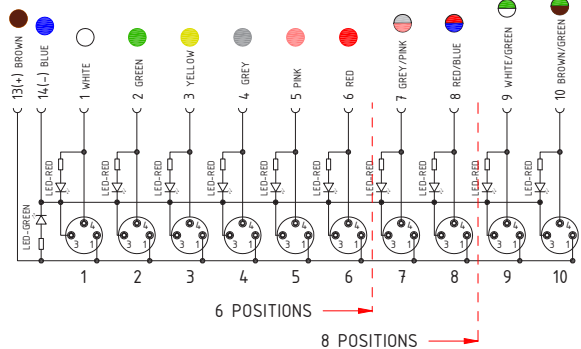
J08T10B3



6 POSITIONS L = 130mm.

8 POSITIONS L = 150mm.

10 POSITIONS L = 166mm.



## DISTRIBUTION BOXES

### GENERAL FEATURES:

**Type of terminations :**  
Moulded cable.

**Rated voltage:**  
10-30V DC.

**M8 Contact material and treatment :**  
Brass + Gold flash.

**Protection class :**  
IP 67 (assembled).

**Circuit type :**  
PNP circuit.  
NPN circuit (upon request).

**Rated current:**  
Current carrying capacity per I/O signal: 2A.  
Current carrying capacity per slot: 2A.  
Total rated current: 8A.

**Housing material :**  
PA66 UL94-V2.

**Operating temperature :**  
-40°C +90°C.

**Local diagnostic :**  
Supply voltage: Green Led.  
Status display I/O: Red Led.

**Fixing system :**  
M8 coupling nut.

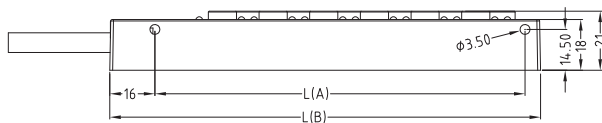
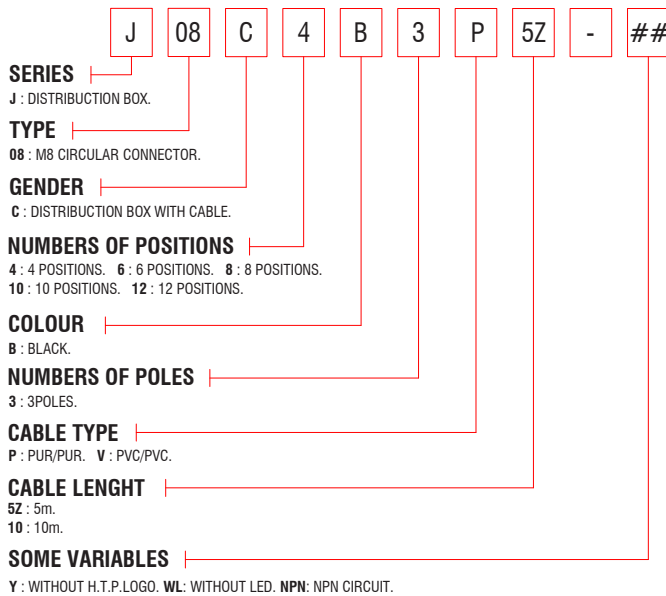
**Internal core material :**  
PA66 UL94-V2.

**Coupling nut material :**  
Brass+Nickel plated.

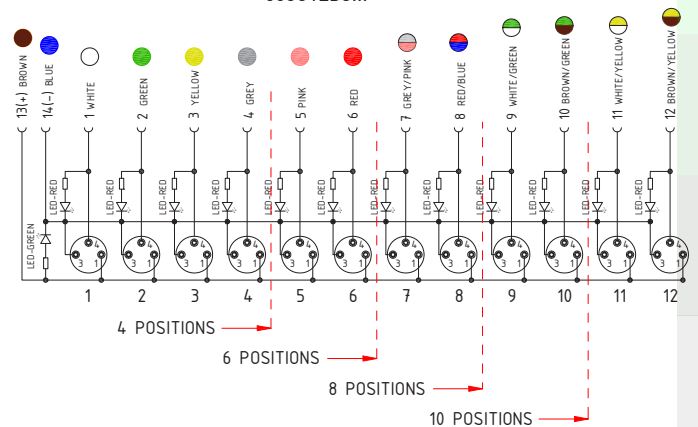
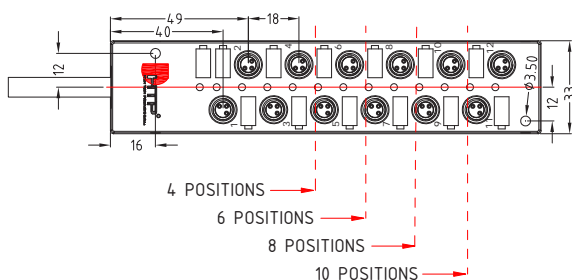
**SIGNAL per OUTLET:**  
Single.

**Max. screw torque IEC60947-1 :**  
M8 coupling nut torque 0.2N\*m.

**Flammability resistance :**  
UL94-V2 - Standard.



4 POSITIONS L(A) = 59.50mm. L(B) = 81mm  
6 POSITIONS L(A) = 77.50mm. L(B) = 99mm.  
8 POSITIONS L(A) = 95.50mm. L(B) = 117mm.  
10 POSITIONS L(A) = 113.50mm. L(B) = 135mm.  
12 POSITIONS L(A) = 131.50 mm. L(B) = 153mm.



## DISTRIBUTION BOXES

### GENERAL FEATURES:

**Type of terminations :**  
M12 connector.

**Rated voltage:**  
10-30V DC.

**Max. screw torque IEC60947-1 :**  
M8 coupling nut torque 0.2N\*m  
M12 coupling nut torque 0.4N\*m

**Flammability resistance :**  
UL94-V2 - Standard.

**Cable Gland :**  
PG11 :  $\varnothing$  CABLE 6.5 - 9.5mm.

**Rated Current (4-6-12 positions):**  
Current carrying capacity per I/O signal: 2A.  
Current carrying capacity per slot: 2A.  
Total rated current: 2A.

**M8 Contact material and treatment :**  
Brass + Gold flash.

**Protection class :**  
IP 67 (assembled).

**Circuit type :**  
PNP circuit.  
NPN circuit (upon request).

**Rated Current (8 positions):**  
Current carrying capacity per I/O signal: 1.5A.  
Current carrying capacity per slot: 1.5A.  
Total rated current: 1.5A.

**Housing material :**  
PA66 UL94-V2.

**Operating temperature :**  
-40°C +90°C.

**Local diagnostic :**  
Supply voltage: Green Led.  
Status display I/O: Red Led.

**Fixing system :**  
M8 coupling nut.

**Coupling nut material :**  
Brass + Nickel plated.

**SIGNAL per OUTLET:**  
Single.

J 08 M 4 B 3 - ##

**SERIES**  
J : DISTRIBUTION BOX.

**TYPE**  
08 : M8 CIRCULAR CONNECTOR.

**GENDER**  
M : DISTRIBUTION BOX WITH M12.

**NUMBERS OF POSITIONS**  
4 : 4 POSITIONS. 6 : 6 POSITIONS. 8 : 8 POSITIONS.  
10 : 10 POSITIONS. 12 : 12 POSITIONS.

**COLOUR**  
B : BLACK.

**NUMBERS OF POLES**  
3 : 3POLES.

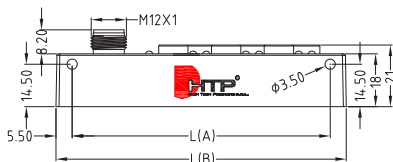
**SOME VARIABLES**  
Y : WITHOUT H.T.P.LOGO.  
WL : WITHOUT H.T.P.LOGO.  
NPN : NPN CIRCUIT.



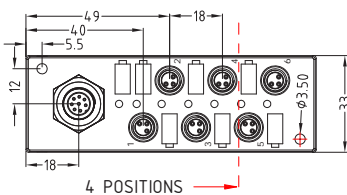
J08M4B3



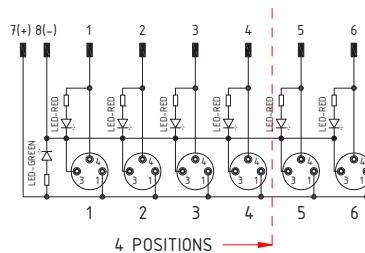
J08M6B3



4 POSITIONS L(A) = 70mm. L(B) = 81mm.  
6 POSITIONS L(A) = 88mm. L(B) = 99mm.



4 POSITIONS

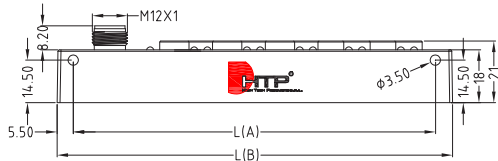


4 POSITIONS

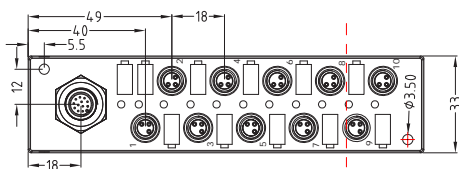
## DISTRIBUTION BOXES



J08M8B3



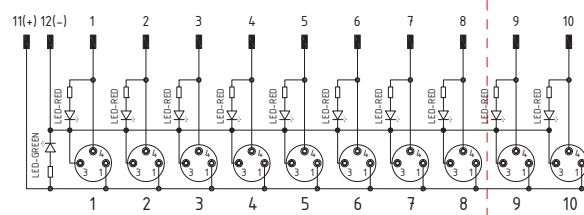
8 POSITIONS L(A) = 105.75mm. L(B) = 116.75mm.  
 10 POSITIONS L(A) = 123.50mm. L(B) = 134.90mm.



8 POSITIONS



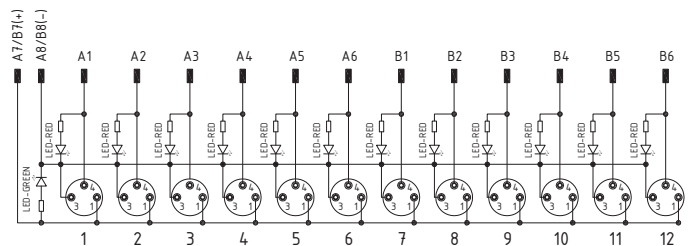
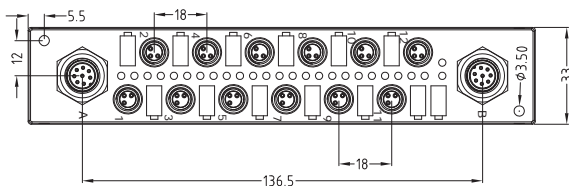
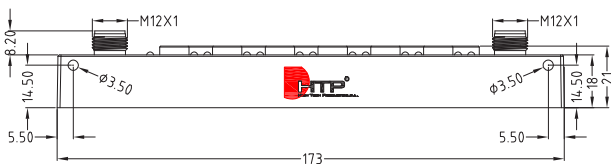
J08M10B3



8 POSITIONS



J08M12B3



## DISTRIBUTION BOXES

### • GENERAL FEATURES:

**Type of terminations :**  
Terminal block with screws.

**Cable Gland :**  
PG13.5 : ø CABLE 7 - 12mm.

**Conductor cross section :**  
0.14(26AWG)...1.5mm<sup>2</sup>(16AWG).

**Circuit type :**  
PNP circuit.  
NPN circuit (upon request).

**Local diagnostic :**  
Supply voltage: Green Led.  
Status display I/O: Red Led.

**SIGNAL per OUTLET:**  
Double.  
Single (upon request).

**Rated voltage:**  
10-30V DC.

**Rated current:**  
Current carrying capacity per I/O signal: 2A.  
Current carrying capacity per slot: 4A.  
Total rated current: 10A.

**Fixing system :**  
M12 coupling nut.

**Max. screw torque IEC60947-1 :**  
M12 coupling nut torque 0.4N\*m.

**M12 Contact material and treatment :**  
Brass + Gold flash.

**Housing material :**  
PA66 UL94-V2.

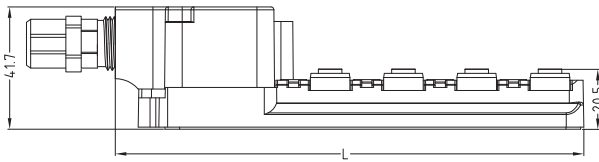
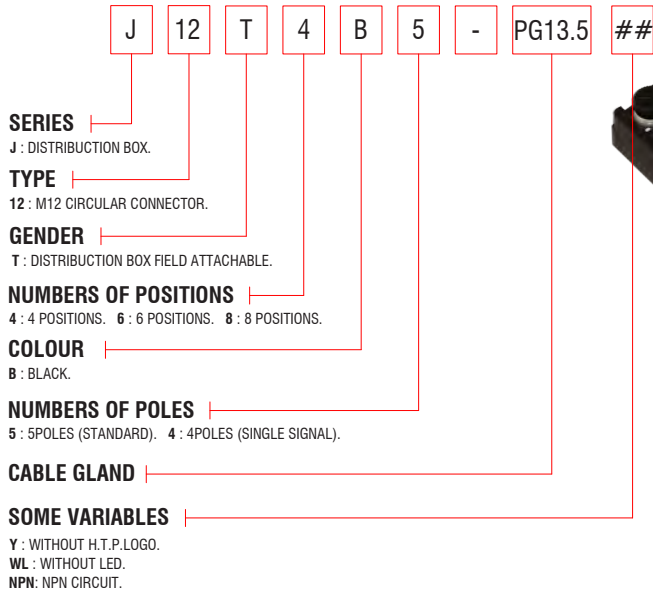
**Internal core material :**  
PA66 UL94-V2.

**Coupling nut material :**  
Brass+Nickel plated.

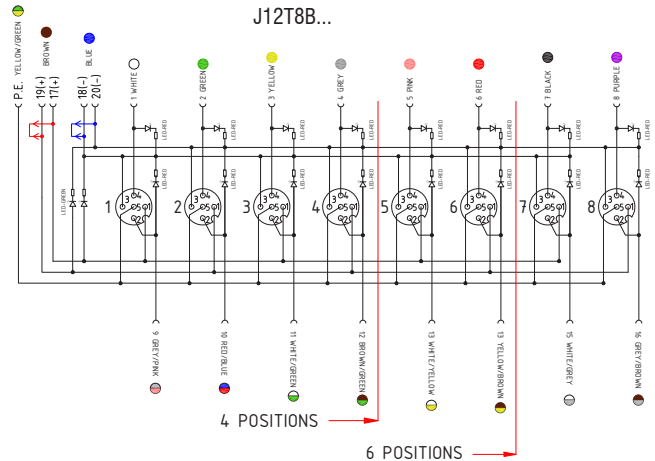
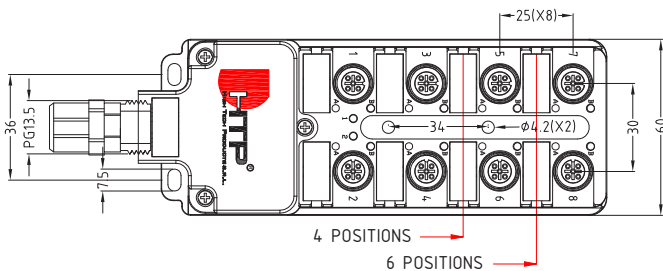
**Flammability resistance :**  
UL94-V2 - Standard.

**Protection class :**  
IP 67 (assembled).

**Operating temperature :**  
-40°C +90°C.



4 POSITIONS L = 110mm.  
6 POSITIONS L = 135mm.  
8 POSITIONS L = 160mm.





## DISTRIBUTION BOXES

### GENERAL FEATURES:

**Type of terminations :**  
Moulded cable.

**Rated voltage:**  
10-30V DC.

**M12 Contact material and treatment :**  
Brass + Gold flash.

**Flammability resistance :**  
UL94-V2 - Standard.

**Circuit type :**  
PNP circuit.  
NPN circuit (upon request).

**Rated current:**  
Current carrying capacity per I/O signal: 2A.  
Current carrying capacity per slot: 4A.  
Total rated current: 10A.

**Housing material :**  
PA66 UL94-V2.

**Protection class :**  
IP 67 (assembled).

**Local diagnostic :**  
Supply voltage: Green Led.  
Status display I/O: Red Led.

**Fixing system :**  
M12 coupling nut.

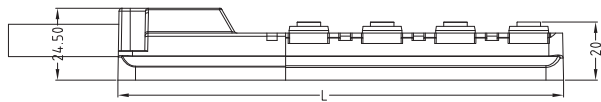
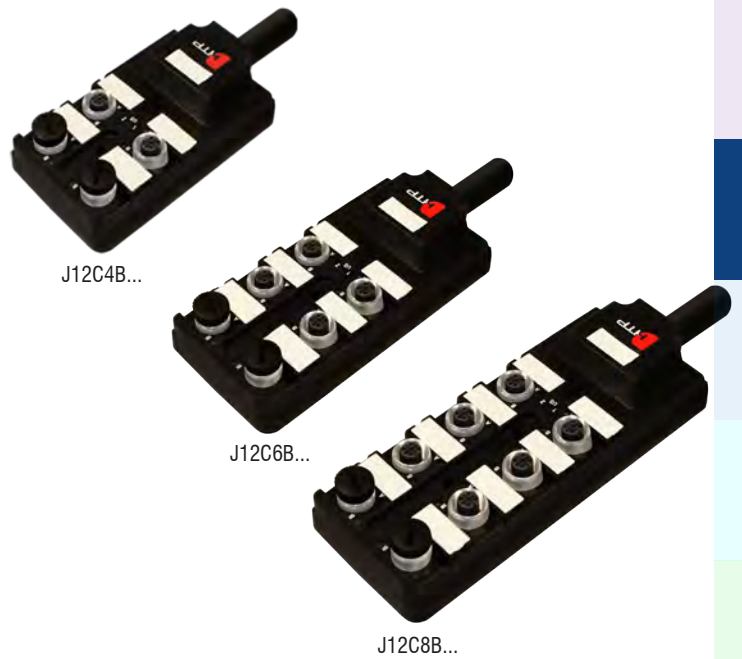
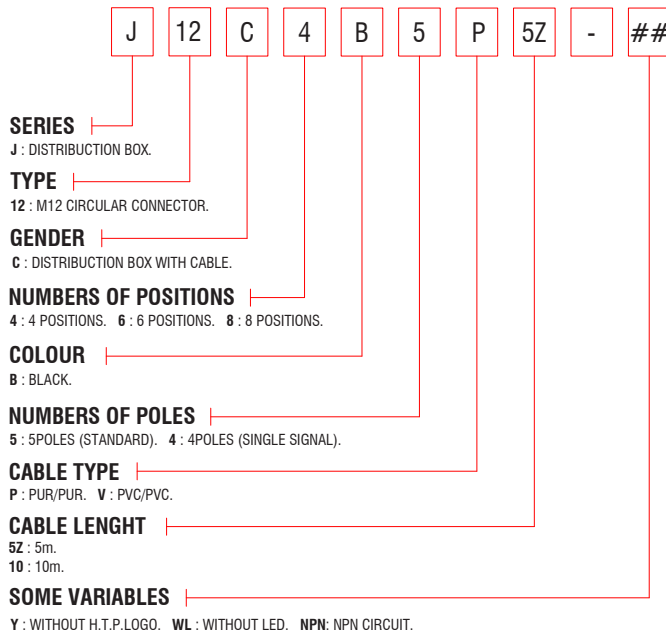
**Internal core material :**  
PA66 UL94-V2.

**Operating temperature :**  
-40°C +90°C.

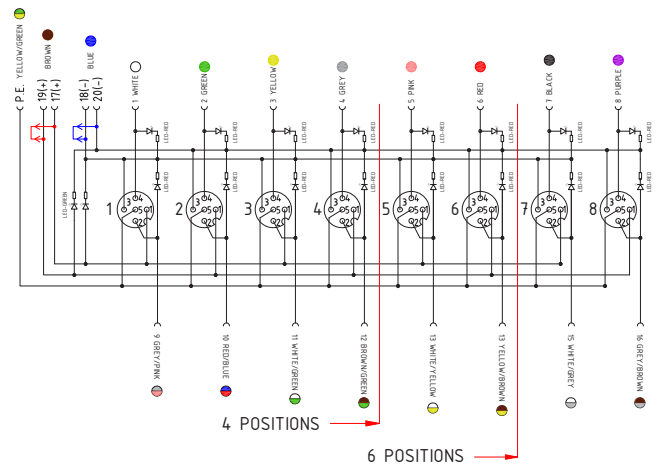
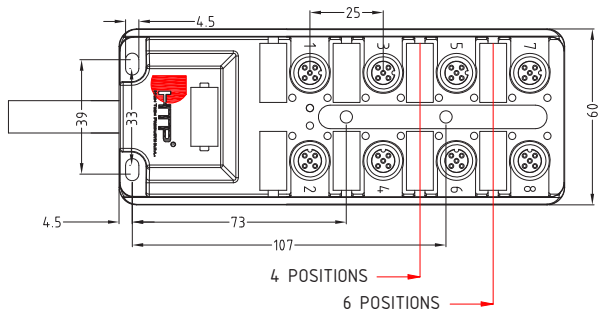
**SIGNAL per OUTLET:**  
Double.  
Single (upon request).

**Max. screw torque IEC60947-1 :**  
M12 coupling nut torque 0.4N\*m.

**Coupling nut material :**  
Brass+Nickel plated.



4 POSITIONS L = 102mm.  
6 POSITIONS L = 130mm.  
8 POSITIONS L = 150mm.



## DISTRIBUTION BOXES

### GENERAL FEATURES:

**Type of terminations :**  
M23 connector.

**Rated voltage:**  
10-30V DC.

**Contact material and treatment :**  
Brass + Gold flash.

**Protection class :**  
IP 67 (assembled).

**Circuit type :**  
PNP circuit.  
NPN circuit (upon request).

**Rated current:**  
Current carrying capacity per I/O signal: 2A.  
Current carrying capacity per slot: 4A.  
Total rated current: 12A.

**Housing material :**  
PA66 UL94-V2.

**Operating temperature :**  
-40°C +90°C.

**Local diagnostic :**  
Supply voltage: Green Led.  
Status display I/O: Red Led.

**Fixing system :**  
M12 coupling nut.

**Internal core material :**  
PA66 UL94-V2.

**Coupling nut material :**  
Brass+Nickel plated.

**SIGNAL per OUTLET:**  
Double.  
Single(Upon request).

**Max. screw torque IEC60947-1 :**  
M12 coupling nut torque 0.4 N\*m.

**Flammability resistance :**  
UL94-V2 - Standard.

J 12 N 8 B 5 - ##

#### SERIES

J : DISTRIBUTION BOX.

#### TYPE

12: M12 CIRCULAR CONNECTOR.

#### GENDER

N : DISTRIBUTION BOX WITH M23.

#### NUMBERS OF POSITIONS

8 : 8 POSITIONS.

#### COLOUR

B : BLACK.

#### NUMBERS OF POLES

5 : 5 POLES.

#### SOME VARIABLES

Y : WITHOUT H.T.P. LOGO.

WL : WITHOUT LED.

NPN: NPN CIRCUIT.



J12N8B5

