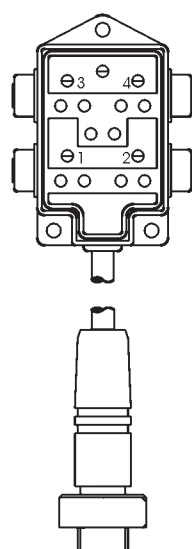
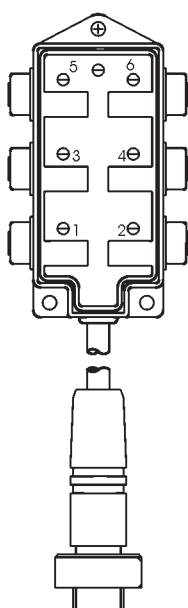
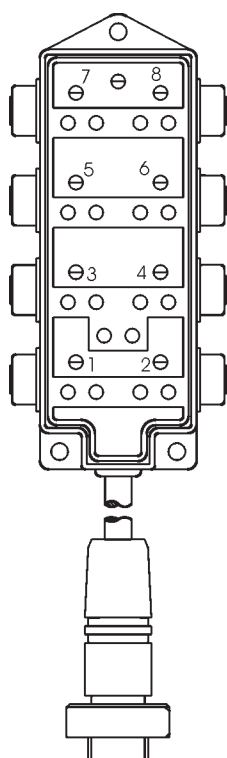
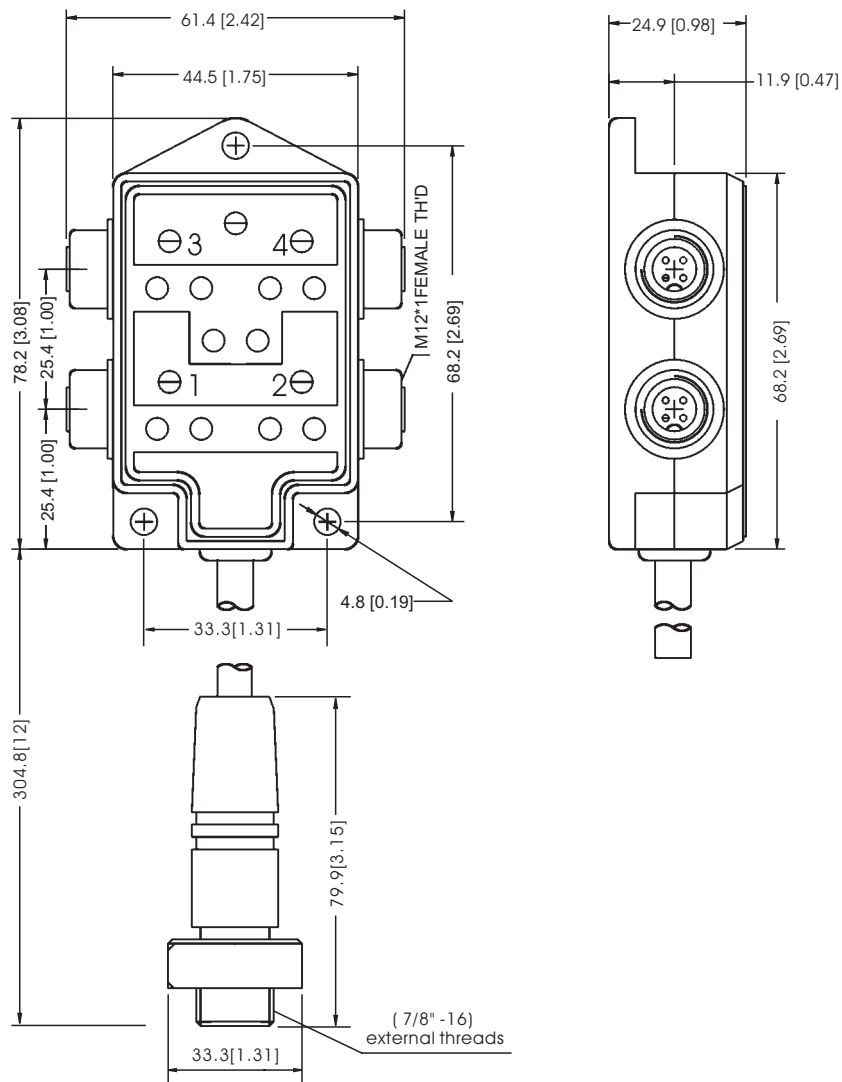


Page H24
Page H26
Page H28

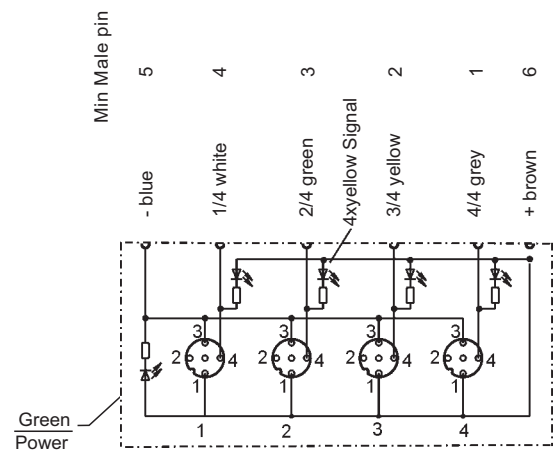


Page H30
Page H32
Page H34

Dimensional data



View



DISTRIBUTION BOXES (DBRSP-SERIES)

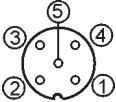
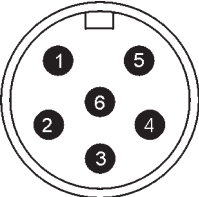
Description

Distribution Boxes, 4 ports, Pigtail
5 poles 3 wires,with built-in LED,with two dust covers and ten attachable molds

Technical Data

1. Application Class:	-25℃ to +90℃	Working Voltage:	10-30VDC
2. Materials:		Insulation Resistance:	>10 ⁹ Ω
Housing :	Nylon 6/6	4. Mechanical Data:	
Contact:	Brass,gold over nickel plating	Insertion Force	
Coupling Nut:	Aluminum,Black anodized	(contact)	≤ 2.0N (0.45LBS)
Receptacle Shell:	Brass,nickel plated	Withdrawal Force	
Insert:	PUR(Polyurethane),black	(contact):	≥ 0.5N (0.11LBS)
O-Ring:	Viton	Protection:	IP68,NEMA 6P(only in fully locked position)
Molded Body:	PUR,Yellow	Shock:	IEC-68-2-27
Male Insert:	PUR,Yellow	Vibration:	IEC-68-2-6
3. Electrical Data:		5. CE Conformity with Standards:	
Contact Resistance:	≤ 5mΩ		
Current Rating:	4 Amps per outlet		
	12 Amp max per box		EN50082-1, EN50082-2 and IEC60947-5-2

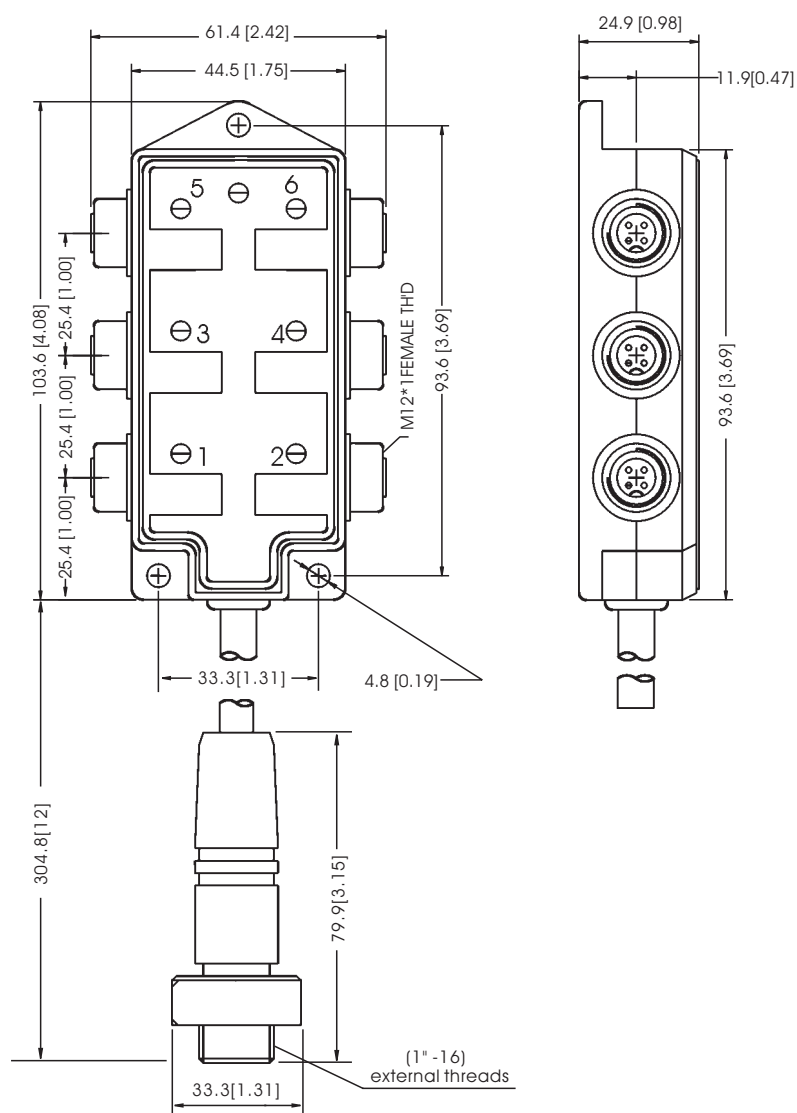
Order Information

Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASSR4-5/3NA-PZ6			7/8"-16	1=	4/4
				2=	3/4
				3=	2/4
				4=	1/4
				5=	1~4/3(-)
				6=	1~4/1(+)
	Pigtail length		Number of cable		
4 ports	305mm		30		

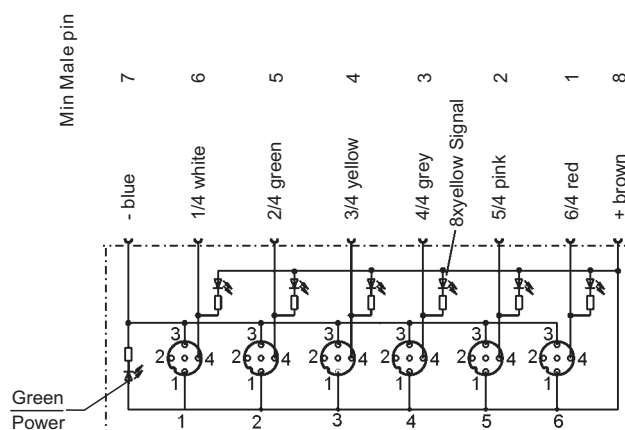
Reference pages J-1~J-17 for additional cable specification

DISTRIBUTION BOXES(DBRSP-SERIES)

Dimensional data



View



DISTRIBUTION BOXES (DBRSP-SERIES)

Description

Distribution Boxes, 6 ports, Pigtail

5 poles 3 wires,with built-in LED,with two dust covers and ten attachable molds

Technical Data

1. Application Class: -25°C to +90°C

2. Materials:

Housing : Nylon 6/6
Contact: Brass,gold over nickel plating
Coupling Nut: Aluminum,Black anodized
Receptacle Shell: Brass,nickel plated
Insert: PUR(Polyurethane),black
O-Ring: Viton
Molded Body: PUR,Yellow
Male Insert: PUR,Yellow

3. Electrical Data:

Contact Resistance: $\leq 5m\Omega$
Current Rating: 4 Amps per outlet
12 Amp max per box

Working Voltage: 10-30VDC

Insulation Resistance: $>10^9 \Omega$

4. Mechanical Data:

Insertion Force (contact) $\leq 2.0N$ (0.45LBS)
Withdrawal Force (contact): $\geq 0.5N$ (0.11LBS)
Protection: IP68,NEMA 6P(only in fully locked position)
Shock: IEC-68-2-27
Vibration: IEC-68-2-6

5. CE Conformity with Standards:

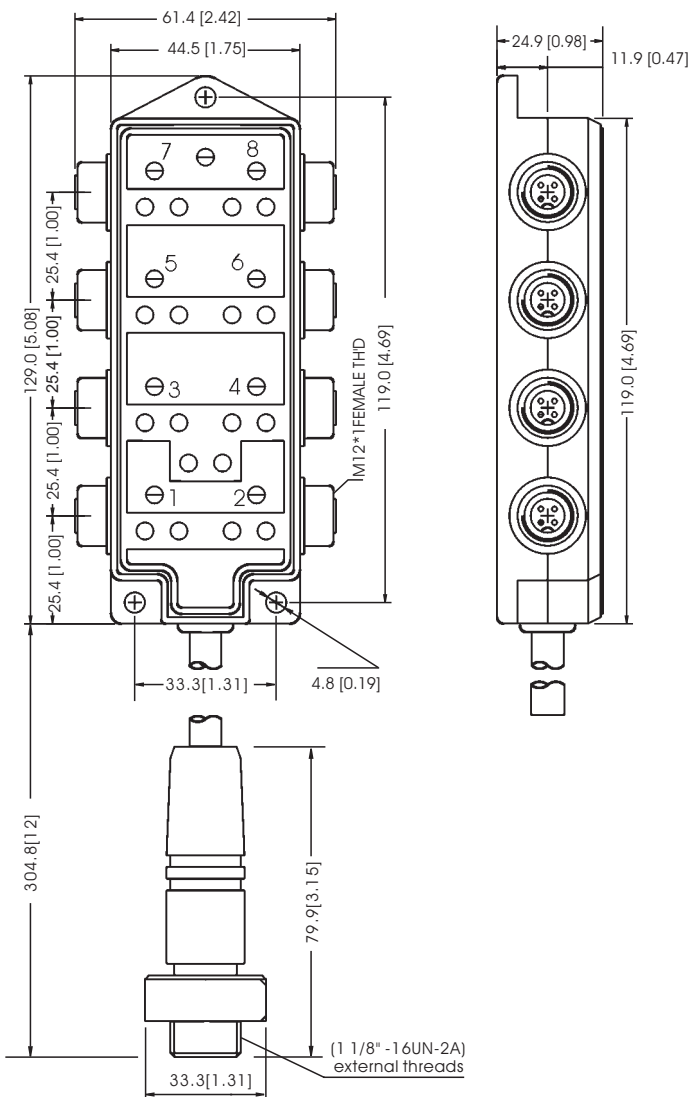
EN50082-1, EN50082-2 and IEC60947-5-2

Order Information

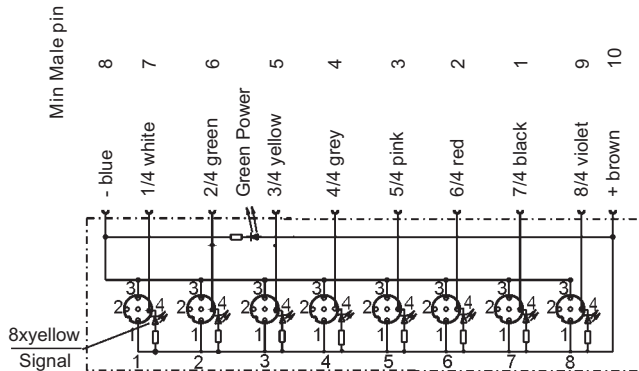
Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASSR6-5/3NA-PZ8			1"-16	1=	6/4
				2=	5/4
				3=	4/4
				4=	3/4
				5=	2/4
				6=	1/4
				7=	1~6/3(-)
				8=	1~6/1(+)
	Pigtail length		Number of cable		
6 ports	305mm		33		
Reference pages J-1~J-17 for additional cable specification					

DISTRIBUTION BOXES(DBRSP-SERIES)

Dimensional data



View



DISTRIBUTION BOXES (DBRSP-SERIES)

Description

Distribution Boxes, 8 ports, Pigtail

5 poles 3 wires, with built-in LED, with two dust covers and ten attachable molds

Technical Data

1. Application Class: -25°C to +90°C

2. Materials:

Housing : Nylon 6/6
Contact: Brass, gold over nickel plating
Coupling Nut: Aluminum, Black anodized
Receptacle Shell: Brass, nickel plated
Insert: PUR (Polyurethane), black
O-Ring: Viton
Molded Body: PUR, Yellow
Male Insert: PUR, Yellow

3. Electrical Data:

Contact Resistance: $\leq 5\text{m}\Omega$
Current Rating: 4 Amps per outlet
12 Amp max per box

Working Voltage: 10-30VDC

Insulation Resistance: $>10^9\ \Omega$

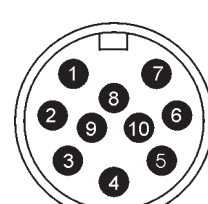
4. Mechanical Data:

Insertion Force (contact) $\leq 2.0\text{N}$ (0.45LBS)
Withdrawal Force (contact) $\geq 0.5\text{N}$ (0.11LBS)
Protection: IP68, NEMA 6P (only in fully locked position)
Shock: IEC-68-2-27
Vibration: IEC-68-2-6

5. CE Conformity with Standards:

EN50082-1, EN50082-2 and IEC60947-5-2

Order Information

Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASSR8-5/3NA-PZ10			1 1/8"-16	1=	7/4
				2=	6/4
				3=	5/4
				4=	4/4
				5=	3/4
				6=	2/4
				7=	1/4
				8=	1~8/3(-)
				9=	8/4
				10=	1~8/1(+)
					Pigtail length
8 ports	305mm		32		
Reference pages J-1~J-17 for additional cable specification					

Dimensional data

Technical drawing of the M12*1 FEMALE TH/D connector, showing three views: front, side, and detail of the bottom connector.

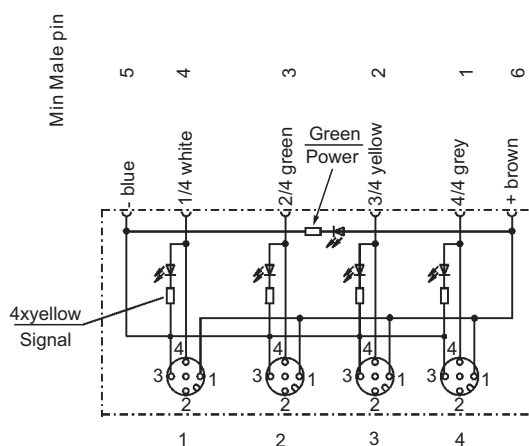
Front View Dimensions:

- Overall width: 61.4 [2.42]
- Internal width: 44.5 [1.75]
- Overall height: 78.2 [3.08]
- Mounting hole spacing (center-to-center): 25.4 [1.00]
- Mounting hole diameter: 4.8 [0.19]
- Bottom connector width: 33.3 [1.31]
- Bottom connector height: 79.9 [3.15]
- Bottom connector width (at base): 33.3 [1.31]
- Bottom connector thread specification: (7/8" -16) external threads

Side View Dimensions:

- Overall width: 24.9 [0.98]
- Internal width: 11.9 [0.47]
- Overall height: 68.2 [2.69]

View



DISTRIBUTION BOXES (DBRSP-SERIES)

Description

Distribution Boxes, 4 ports, Pigtail

5 poles 3 wires, with built-in LED, with two dust covers and ten attachable molds

Technical Data

1. Application Class: -25°C to +90°C

2. Materials:

Housing : Nylon 6/6
Contact: Brass, gold over nickel plating
Coupling Nut: Aluminum, Black anodized
Receptacle Shell: Brass, nickel plated
Insert: PUR (Polyurethane), black
O-Ring: Viton
Molded Body: PUR, Yellow
Male Insert: PUR, Yellow

3. Electrical Data:

Contact Resistance: $\leq 5\text{m}\Omega$
Current Rating: 4 Amps per outlet
12 Amp max per box

Working Voltage: 10-30VDC

Insulation Resistance: $>10^9\Omega$

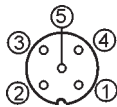
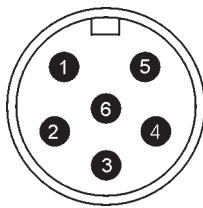
4. Mechanical Data:

Insertion Force (contact) $\leq 2.0\text{N}$ (0.45LBS)
Withdrawal Force (contact) $\geq 0.5\text{N}$ (0.11LBS)
Protection: IP68, NEMA 6P (only in fully locked position)
Shock: IEC-68-2-27
Vibration: IEC-68-2-6

5. CE Conformity with Standards:

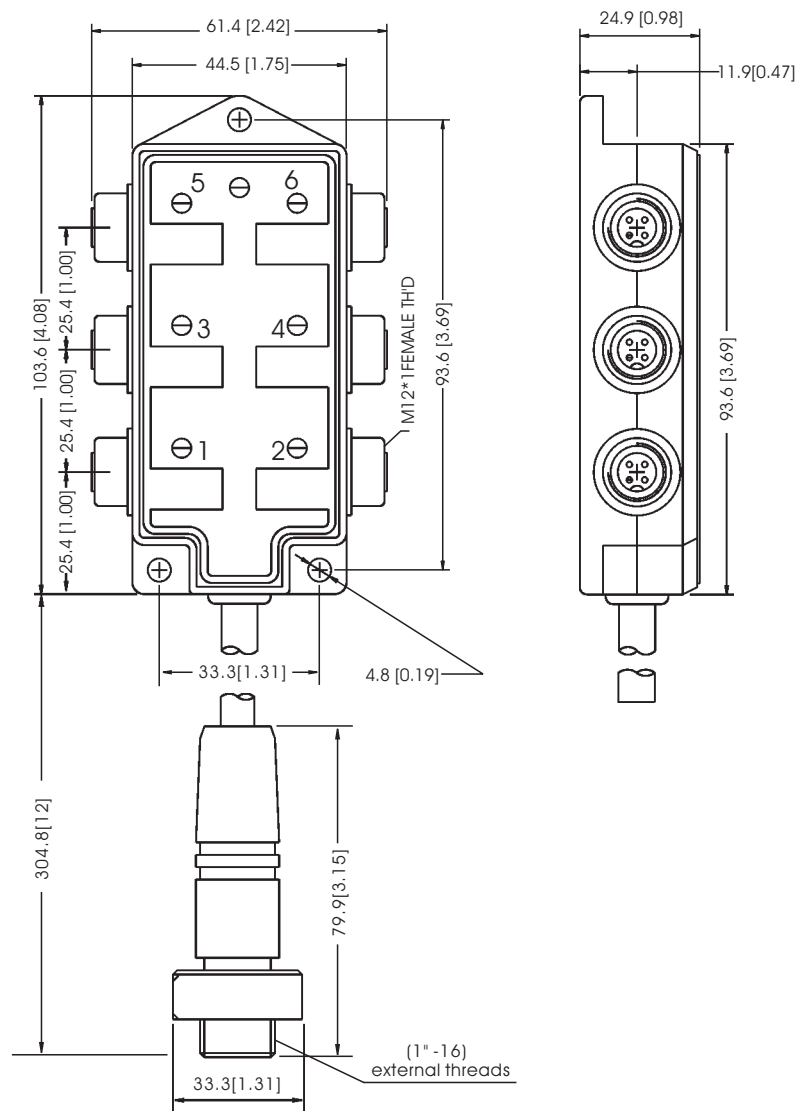
EN50082-1, EN50082-2 and IEC60947-5-2

Order Information

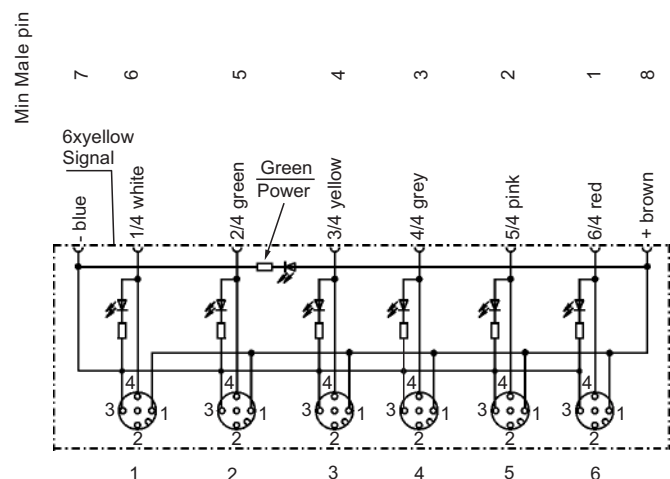
Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASSR4-5/3PA-PZ6			7/8"-16		
				1=	4/4
				2=	3/4
				3=	2/4
				4=	1/4
				5=	1~4/3(-)
				6=	1~4/1(+)
	Pigtail length		Number of cable		
4 ports	305mm		30		
Reference pages J-1~J-17 for additional cable specification					

DISTRIBUTION BOXES(DBRSP-SERIES)

Dimensional data



View



DISTRIBUTION BOXES (DBRSP-SERIES)

Description

Distribution Boxes, 6 ports, Pigtail

5 poles 3 wires,with built-in LED,with two dust covers and ten attachable molds

Technical Data

1. Application Class: -25°C to +90°C

2. Materials:

Housing : Nylon 6/6
Contact: Brass,gold over nickel plating
Coupling Nut: Aluminum,Black anodized
Receptacle Shell: Brass,nickel plated
Insert: PUR(Polyurethane),black
O-Ring: Viton
Molded Body: PUR,Yellow
Male Insert: PUR,Yellow

3. Electrical Data:

Contact Resistance: $\leq 5m\Omega$
Current Rating: 4 Amps per outlet
12 Amp max per box

Working Voltage: 10-30VDC

Insulation Resistance: $>10^9\Omega$

4. Mechanical Data:

Insertion Force (contact) $\leq 2.0N$ (0.45LBS)
Withdrawal Force (contact): $\geq 0.5N$ (0.11LBS)
Protection: IP68,NEMA 6P(only in fully locked position)
Shock: IEC-68-2-27
Vibration: IEC-68-2-6

5. CE Conformity with Standards:

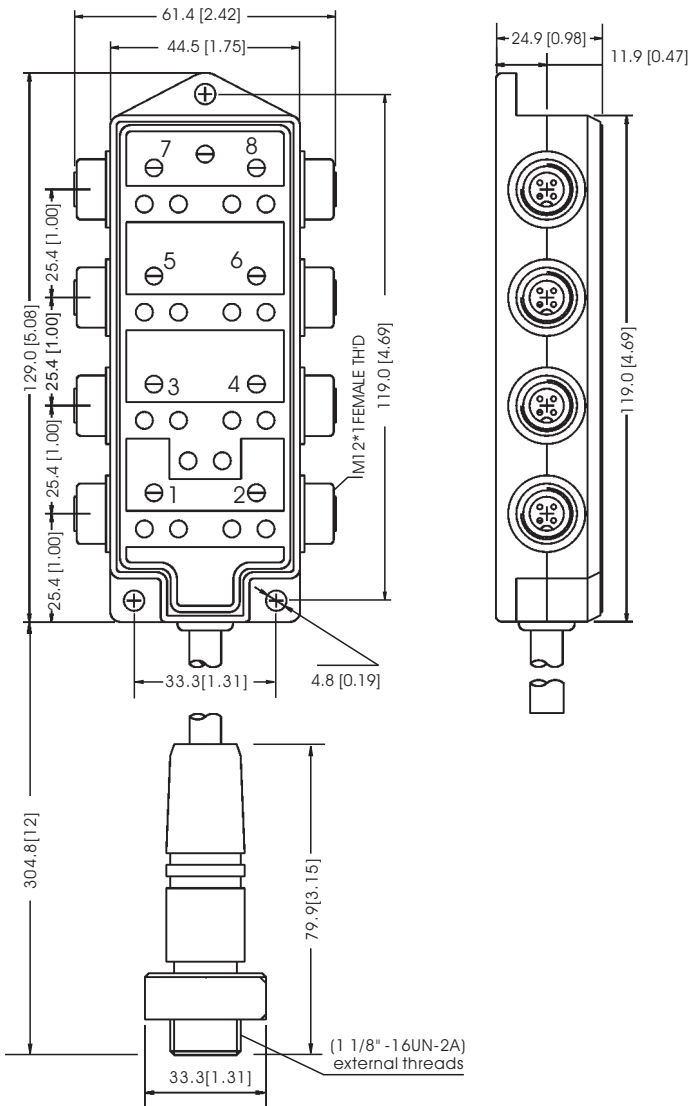
EN50082-1, EN50082-2 and IEC60947-5-2

Order Information

Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASSR6-5/3PA-PZ8			1"-16	1=	6/4
				2=	5/4
				3=	4/4
				4=	3/4
				5=	2/4
				6=	1/4
				7=	1~6/3(-)
				8=	1~6/1(+)
	Pigtail length		Number of cable		
6 ports	305mm		33		
Reference pages J-1~J-17 for additional cable specification					

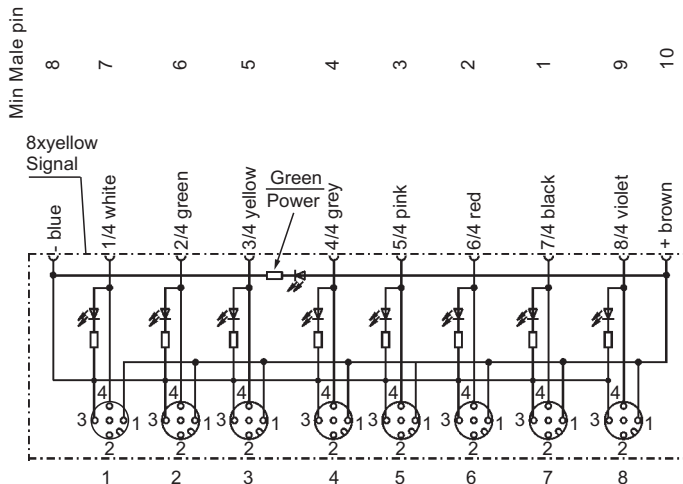
DISTRIBUTION BOXES(DBRSP-SERIES)

Dimensional data



View

Dimensional data



DISTRIBUTION BOXES (DBRSP-SERIES)

Description

Distribution Boxes, 8 ports, Pigtail

5 poles 3 wires,with built-in LED,with two dust covers and ten attachable molds

Technical Data

1. Application Class: -25°C to +90°C

2. Materials:

Housing : Nylon 6/6
Contact: Brass,gold over nickel plating
Coupling Nut: Aluminum,Black anodized
Receptacle Shell: Brass,nickel plated
Insert: PUR(Polyurethane),black
O-Ring: Viton
Molded Body: PUR, Yellow
Male Insert: PUR, Yellow

3. Electrical Data:

Contact Resistance: $\leq 5m\Omega$
Current Rating: 4 Amps per outlet
12 Amp max per box

Working Voltage: 10-30VDC

Insulation Resistance: $>10^9\Omega$

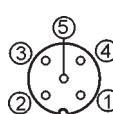
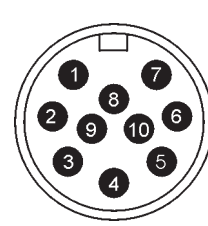
4. Mechanical Data:

Insertion Force (contact) $\leq 2.0N$ (0.45LBS)
Withdrawal Force (contact) $\geq 0.5N$ (0.11LBS)
Protection: IP68,NEMA 6P(only in fully locked position)
Shock: IEC-68-2-27
Vibration: IEC-68-2-6

5. CE Conformity with Standards:

EN50082-1, EN50082-2 and IEC60947-5-2

Order Information

Part Number	Face View Outlets	Face View of Male Plug		Wiring Diagram	
		Poles	Thread	Mini Male Pin	Outlet Pin
ASSR8-5/3PA-PZ10			11/8"-16	1= 2= 3= 4= 5= 6= 7= 8= 9= 10=	7/4 6/4 5/4 4/4 3/4 2/4 1/4 1~8/3(-) 8/4 1~8/1(+)
	Pigtail length		Number of cable		
8 ports	305mm		32		
Reference pages J-1~J-17 for additional cable specification					