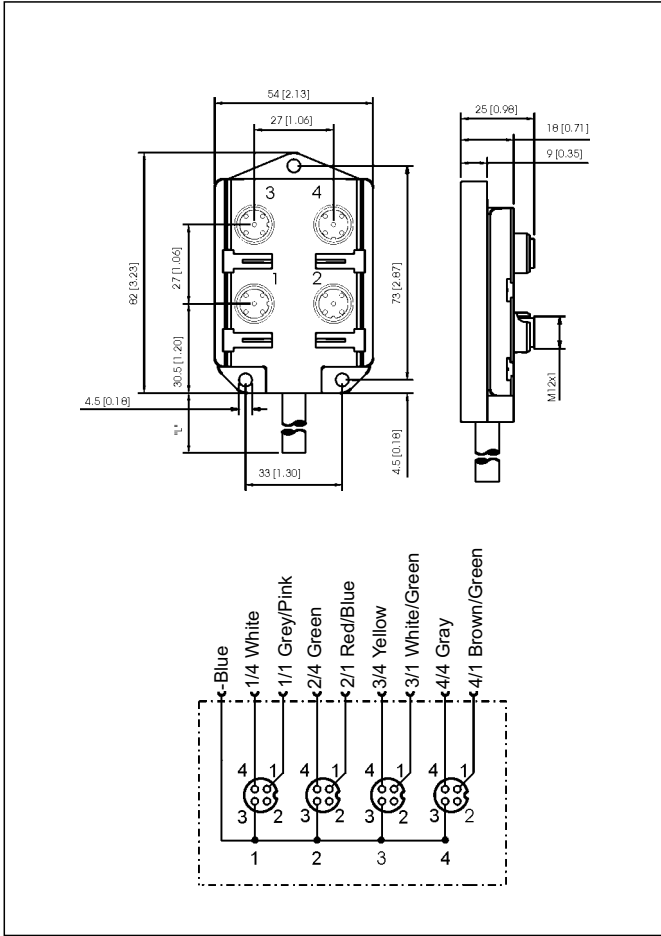


DISTRIBUTION BOXES(DBR-SERIES)

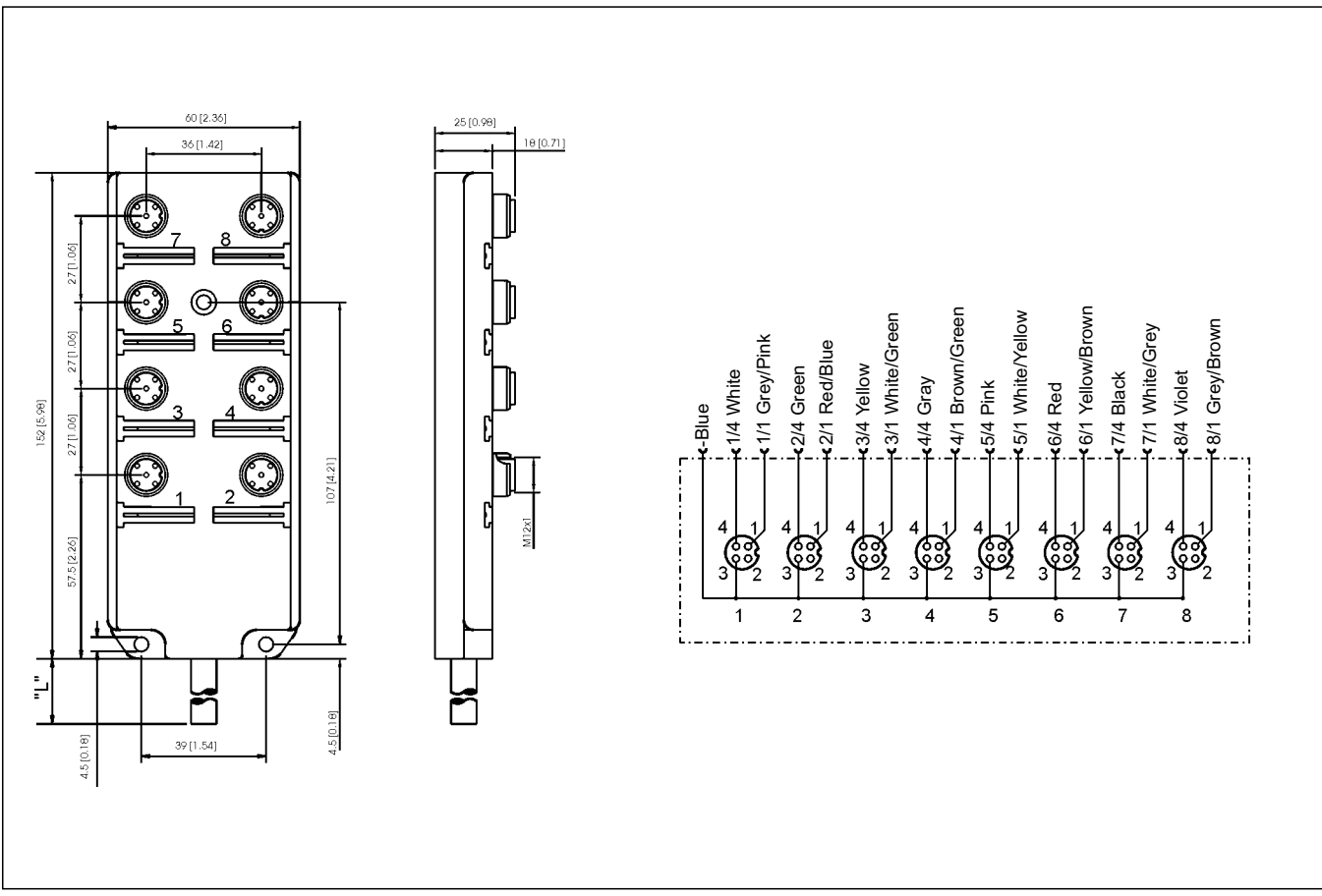
View



Dimensional data



Dimensional data



DISTRIBUTION BOXES (DBR-SERIES)

Description

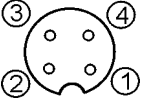
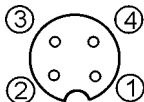
Distribution Boxes,4-8 port-Cable Version

4 poles 3 wires module for DC applications,with two dust covers and ten attachable molds

Technical Data

- | | |
|---|--|
| <p>1. Application Class: -15°C to +90°C</p> <p>2. Materials: Housing: Nylon 6/6 Contact: Brass,gold over nickel plating Receptacle Shell: Brass.nickel plated Insert: PUR(Polyurethane),black O-Ring: Viton</p> <p>3. Electrical Data: Contact Resistance: $\leq 5m\Omega$ Current Rating: 4 Amps per outlet 12 Amp max per box Working Voltage: 60VAC/75VDC Insulation Resistance: $>10^9\Omega$</p> | <p>4. Mechanical Data: Insertion Force (contact): $\leq 2.0N(.45LBS)$ Withdrawal Force (contact): $\geq 0.5N(.11LBS)$ Protection: IP68,NEMA 6P(only in fully locked position) Shock: IEC-68-2-27 Vibration: IEC-68-2-6</p> <p>5. CE Conformity with Standards: EN50082-1, EN50082-2 and IEC60947-5-2</p> |
|---|--|

Order Information

| Part Number | Poles | Color Code | Cable Type | | |
|------------------|-------|---|--|--------------|---------|
| | | | Lead(mm ²) | Outer Jacket | |
| ASTR4-4/3UZ-40XX | 4 |  <p>1=grey/pink (1) red/blue (2) white/green (3) brown/green(4) 2=no wire 3=blue 4=white (1) green (2) yellow (3) grey (4)</p> | 3x0.80(160xφ0.08) 6x0.40(80xφ0.08) | φ9.0 | PUR/PVC |
| DLTR8-4/3UZ-41XX | 4 |  <p>1=grey/pink (1) red/blue (2) white/green (3) brown/green (4) white/yellow (5) yellow/brown (6) white/grey (7) grey/brown (8) 2=no wire 3=blue 4=white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8)</p> | 1x0.80(160xφ0.08) 16x0.40(80xφ0.08) | φ9.0 | PUR/PVC |

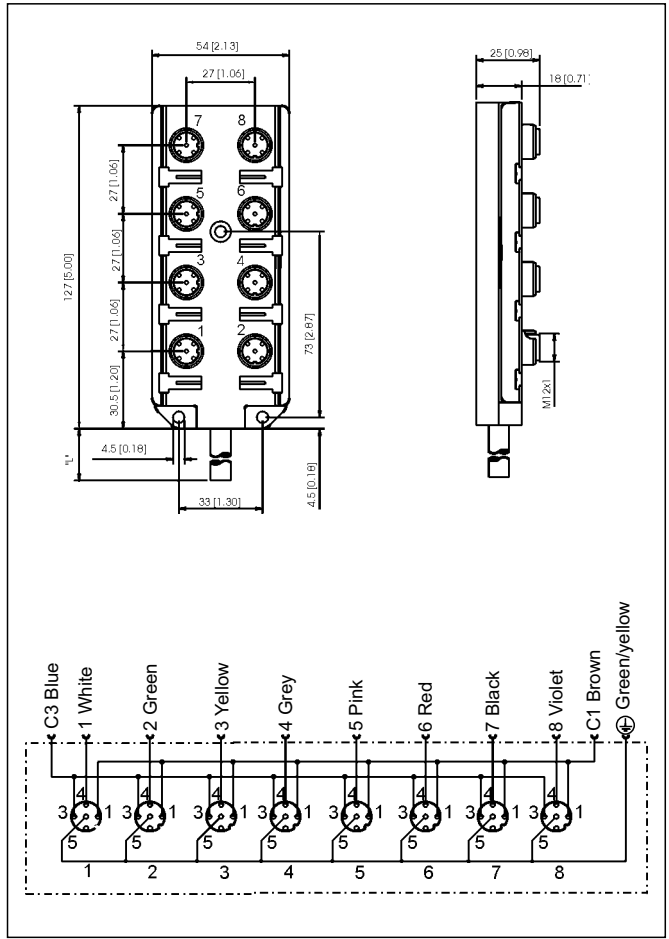
xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

DISTRIBUTION BOXES(DBR-SERIES)

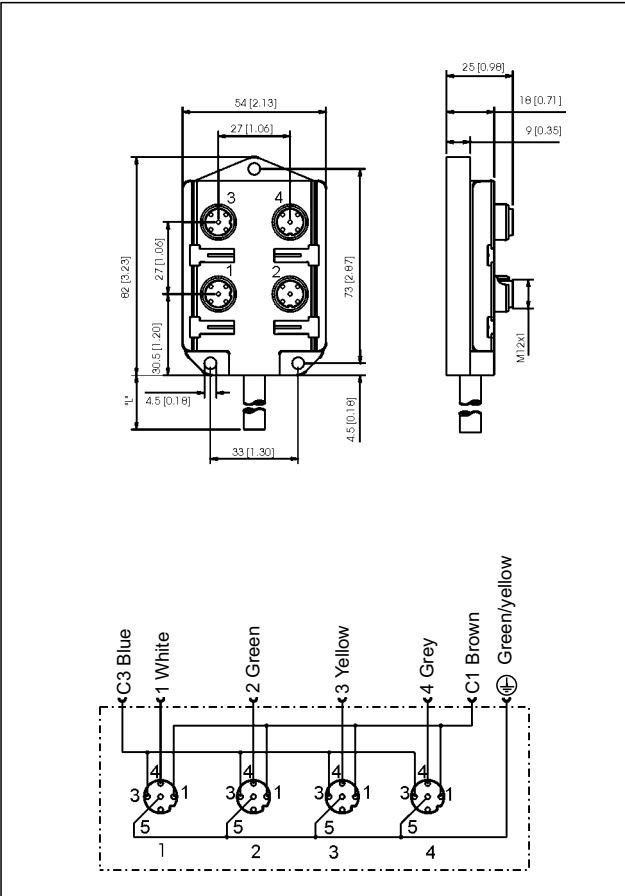
View



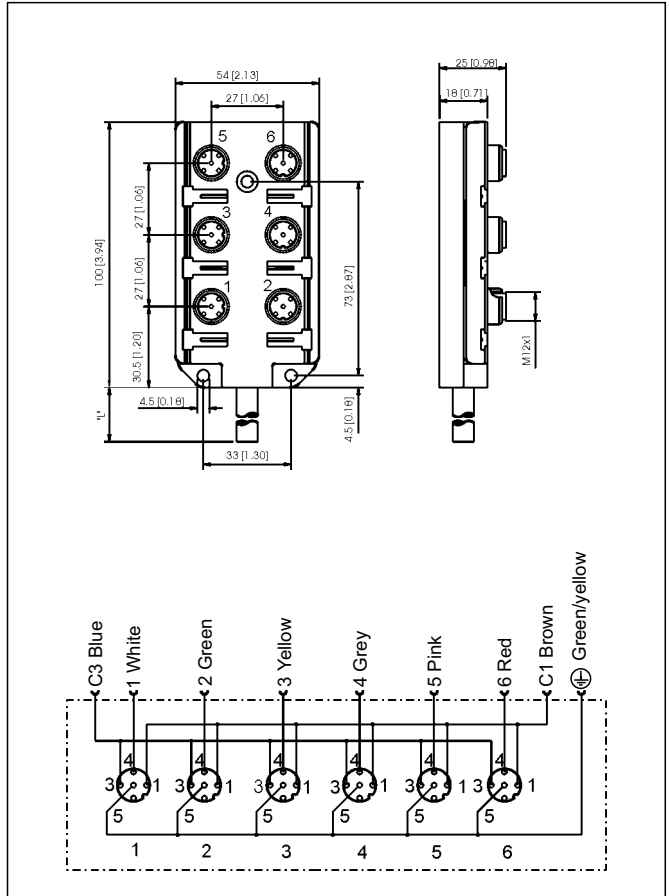
Dimensional data



Dimensional data



Dimensional data



DISTRIBUTION BOXES (DBR-SERIES)

Description

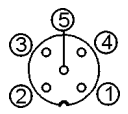
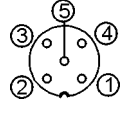
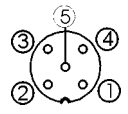
Distribution Boxes,4-6-8 port-Cable Version

5 poles 4 wires,earth connection,with two dust covers and ten attachable molds

Technical Data

| | | | |
|------------------------------|---|---|---|
| 1. Application Class: | -15°C to +90°C | 4. Mechanical Data: | |
| 2. Materials: | | Insertion Force: | |
| Housing: | Nylon 6/6 Optional-yellow | (contact): | ≤2.0N(.45LBS) |
| Contact: | Brass,gold over nickel plating | Withdrawal Force | |
| Receptacle Shell: | Brass,nickel plated | (contact): | ≥0.5N(.11LBS) |
| Insert: | PUR(Polyurethane),black | Protection: | IP68,NEMA 6P(only in fully locked position) |
| O-Ring: | Viton | Shock: | IEC-68-2-27 |
| | | Vibration: | IEC-68-2-6 |
| 3. Electrical Data: | | 5. CE Conformity with Standards: | |
| Contact Resistance: | ≤5m Ω | | |
| Current Rating: | 4 Amps per outlet 12 Amp max per box | | |
| Working Voltage: | 250VAC | | |
| Insulation Resistance: | >10 ⁹ Ω | | |
| | | | EN50082-1, EN50082-2 and IEC60947-5-2 |

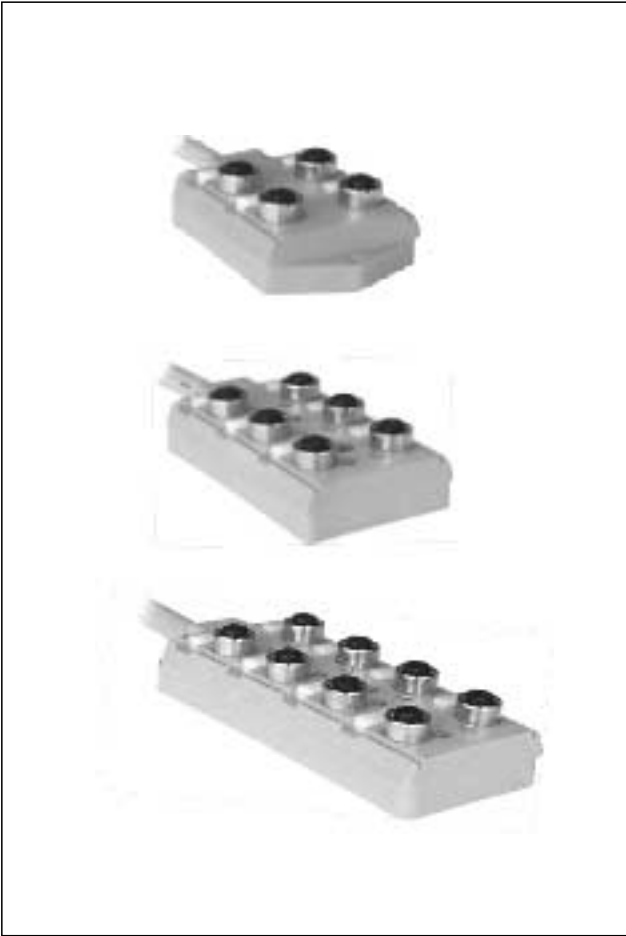
Order Information

| Part Number | Poles | Color Code | Cable Type | | |
|------------------|--|--|--|--------------|------------------|
| | | | Lead(mm ²) | Outer Jacket | |
| ASTR4-5/4AZ-30XX | 5  | 1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) | 3x0.75(96xφ0.10) 4x0.34(42xφ0.10) | φ8.4 | PUR/PVC |
| ASTR4-5/4AZ-20XX | | | | | PVC (irradiated) |
| ASTR4-5/4AZ-10XX | | 5 = green/yellow (GND) | | | PVC |
| DSTR6-5/4AZ-33XX | 5  | 1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) | 3x0.75(96xφ0.10) 6x0.34(42xφ0.10) | φ9.0 | PUR/PVC |
| DSTR6-5/4AZ-21XX | | | | | PVC (irradiated) |
| DSTR6-5/4AZ-11XX | | 5 = green/yellow (GND) | | | PVC |
| DSTR8-5/4AZ-32XX | 5  | 1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8) | 3x0.75(96xφ0.10) 8x0.34(42xφ0.10) | φ9.0 | PUR/PVC |
| DSTR8-5/4AZ-22XX | | | | | PVC (irradiated) |
| DSTR8-5/4AZ-12XX | | 5 = green/yellow (GND) | | | PVC |

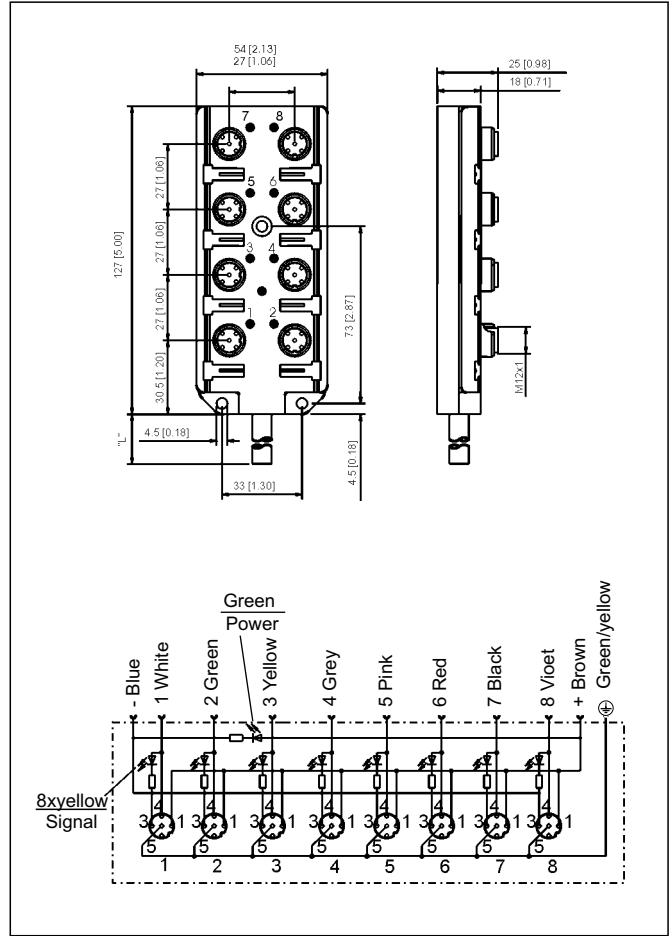
xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

DISTRIBUTION BOXES(DBR-SERIES)

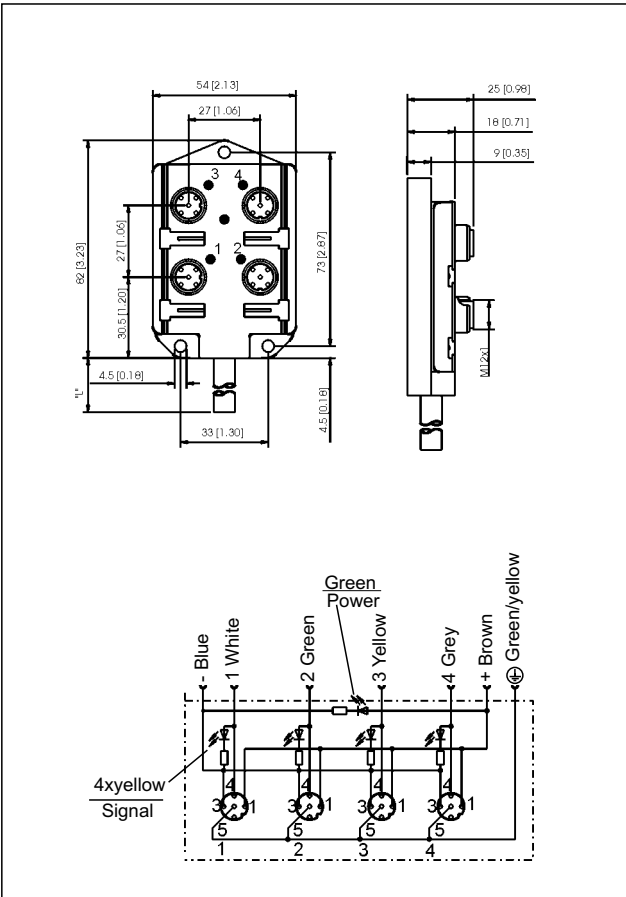
View



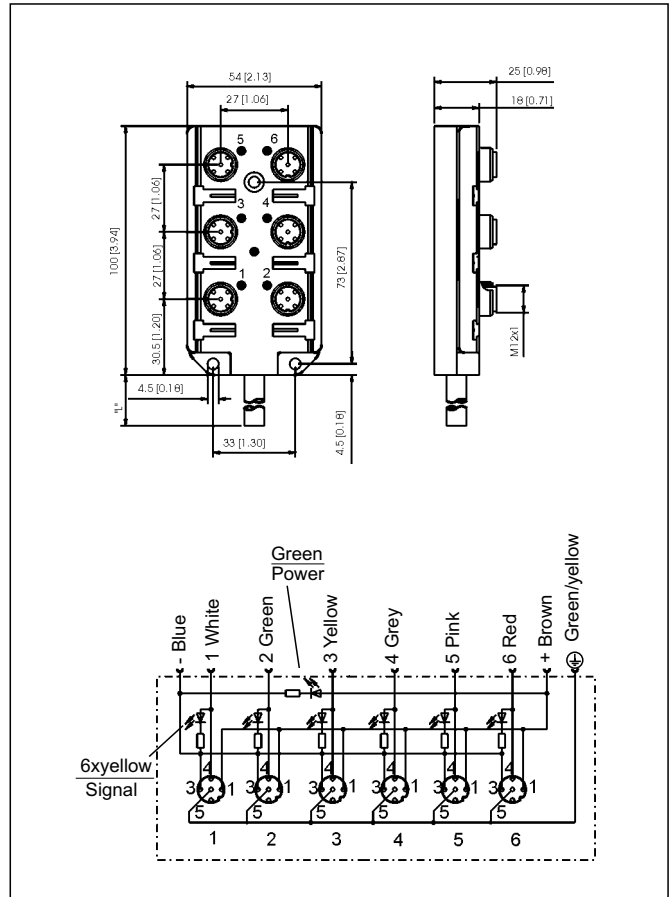
Dimensional data



Dimensional data



Dimensional data



DISTRIBUTION BOXES (DBR-SERIES)

Description

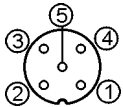
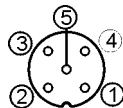
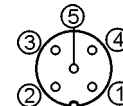
Distribution Boxes,4-6-8 port Cable Version

5 poles 4 wires,with built-in LED's(PNP).earth connection,with two dust covers and ten attachable molds

Technical Data

| | | | |
|------------------------|---|---------------------------------------|---|
| 1. Application Class: | -15°C to +90°C | 4. Mechanical Data: | |
| 2. Materials: | | Insertion Force | |
| Housing: | Nylon 6/6 | (contact): | ≤ 2.0N (.45LBS) |
| | Optional-yellow | Withdrawal Force | |
| Contact: | Brass,gold over nickel plating | (contact): | ≥ 0.5N (.11LBS) |
| Receptacle Shell: | Brass,nickel plated | Protection: | IP68,NEMA 6P(only in fully locked position) |
| Insert: | PUR(Polyurethane),black | Shock: | IEC-68-2-27 |
| O-Ring: | Viton | Vibration: | IEC-68-2-6 |
| 3. Electrical Data: | | 5. CE Conformity with Standards: | |
| Contact Resistance: | ≤ 5m Ω | | |
| Current Rating: | 4 Amps per outlet 12 Amp max per box | EN50082-1, EN50082-2 and IEC60947-5-2 | |
| Working Voltage: | 10-30VDC | | |
| Insulation Resistance: | >10 ⁹ Ω | | |

Order Information

| Part Number | Poles | Color Code | Cable Type | |
|------------------|--|--|------------------------|---|
| | | | Lead(mm ²) | Outer Jacket |
| ASTR4-5/4PA-30XX | 5  | 1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) 5 = green/yellow (GND) | 3x0.75(96X φ 0.10) | φ 8.4 PUR/PVC PVC (irradiated) PVC |
| ASTR4-5/4PA-20XX | | | 4X0.34(42X φ 0.10) | |
| ASTR4-5/4PA-10XX | | | | |
| DSTR6-5/4PA-33XX | 5  | 1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) 5 = green/yellow (GND) | 3x0.75(96X φ 0.10) | φ 9.0 PUR/PVC PVC (irradiated) PVC |
| DSTR6-5/4PA-21XX | | | 6X0.34(42X φ 0.10) | |
| DSTR6-5/4PA-11XX | | | | |
| DSTR8-5/4PA-32XX | 5  | 1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8) 5 = green/yellow (GND) | 3x0.75(96X φ 0.10) | φ 9.0 PUR/PVC PVC (irradiated) PVC |
| DSTR8-5/4PA-22XX | | | 8X0.34(42X φ 0.10) | |
| DSTR8-5/4PA-12XX | | | | |

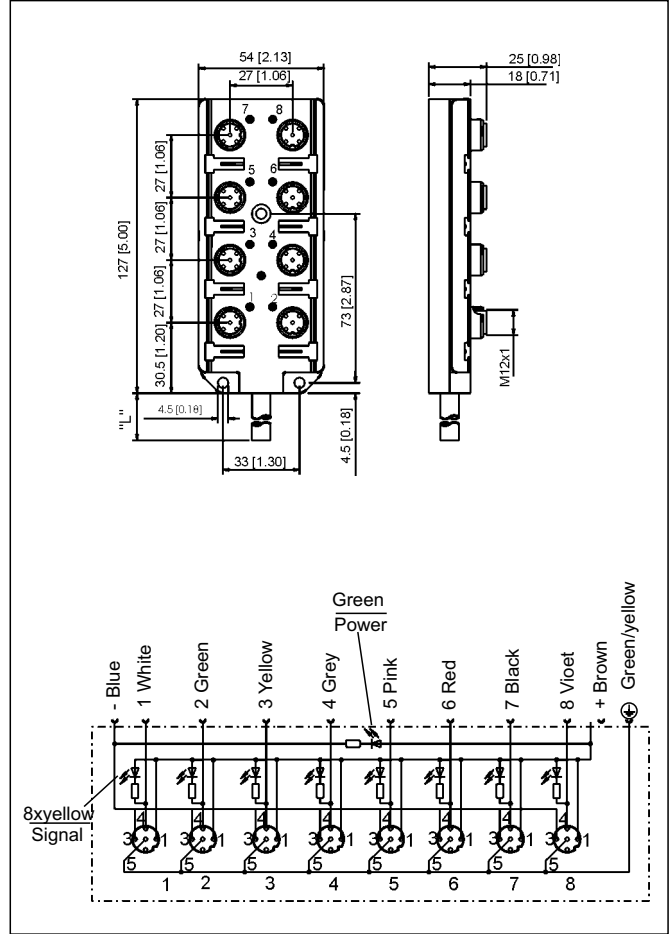
xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

DISTRIBUTION BOXES(DBR-SERIES)

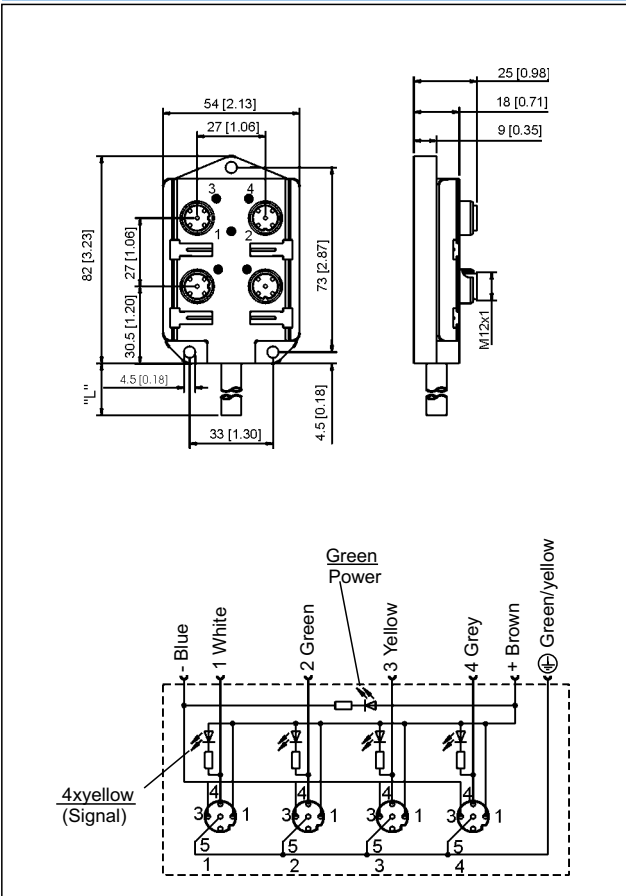
View



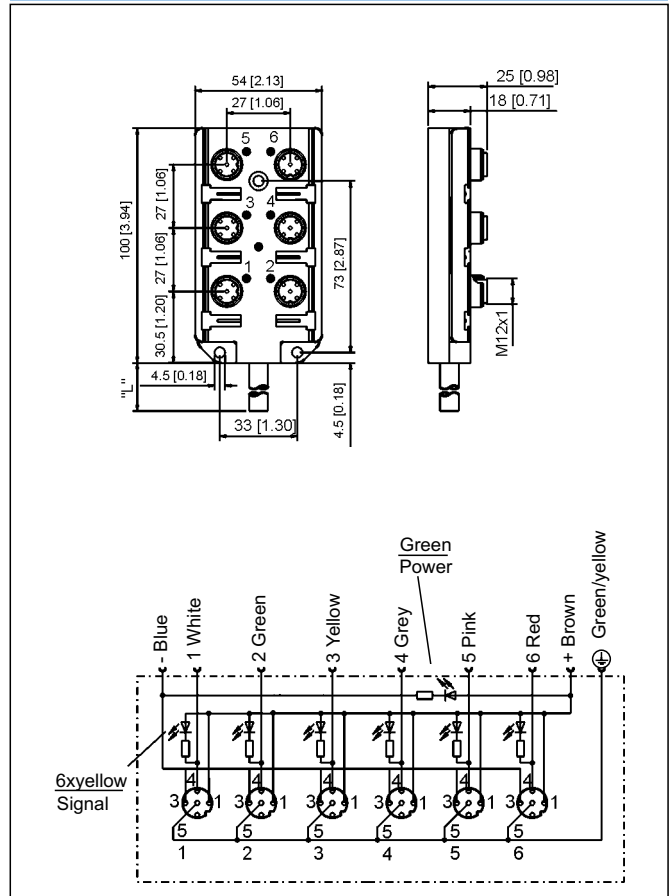
Dimensional data



Dimensional data



Dimensional data



DISTRIBUTION BOXES (DBR-SERIES)

Description

Distribution Boxes,4-6-8 port Cable Version

5 poles 4 wires,with built-in LED's(NPN).earth connection,with two dust covers and ten attachable molds

Technical Data

1. Application Class: -15°C to +90°C

2. Materials:

Housing: Nylon 6/6
Optional-yellow
Contact: Brass,gold over nickel plating
Receptacle Shell: Brass,nickel plated
Insert: PUR(Polyurethane),black
O-Ring: Viton

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: $>10^9\Omega$

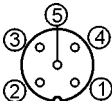
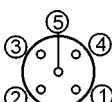
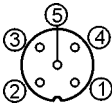
4. Mechanical Data:

Insertion Force (contact): $\leq 2.0N$ (.45LBS)
Withdrawal Force (contact): $\geq 0.5N$ (.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 | Poles | Color Code | Cable Type | |
|------------------|--|--|-------------------------|--|
| | | | Lead(mm ²) | Outer Jacket |
| ASTR4-5/4NA-30XX | 5  | 1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) 5 = green/yellow (GND) | 3x0.75(96X ϕ 0.10) | ϕ 8.4 PUR/PVC PVC (irradiated) PVC |
| ASTR4-5/4NA-20XX | | | 4X0.34(42X ϕ 0.10) | |
| ASTR4-5/4NA-10XX | | | | |
| DSTR6-5/4NA-33XX | 5  | 1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) 5 = green/yellow (GND) | 3x0.75(96X ϕ 0.10) | ϕ 9.0 PUR/PVC PVC (irradiated) PVC |
| DSTR6-5/4NA-21XX | | | 6X0.34(42X ϕ 0.10) | |
| DSTR6-5/4NA-11XX | | | | |
| DSTR8-5/4NA-32XX | 5  | 1 = brown (+) 2 = No Wire 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8) 5 = green/yellow (GND) | 3x0.75(96X ϕ 0.10) | ϕ 9.0 PUR/PVC PVC (irradiated) PVC |
| DSTR8-5/4NA-22XX | | | 8X0.34(42X ϕ 0.10) | |
| DSTR8-5/4NA-12XX | | | | |

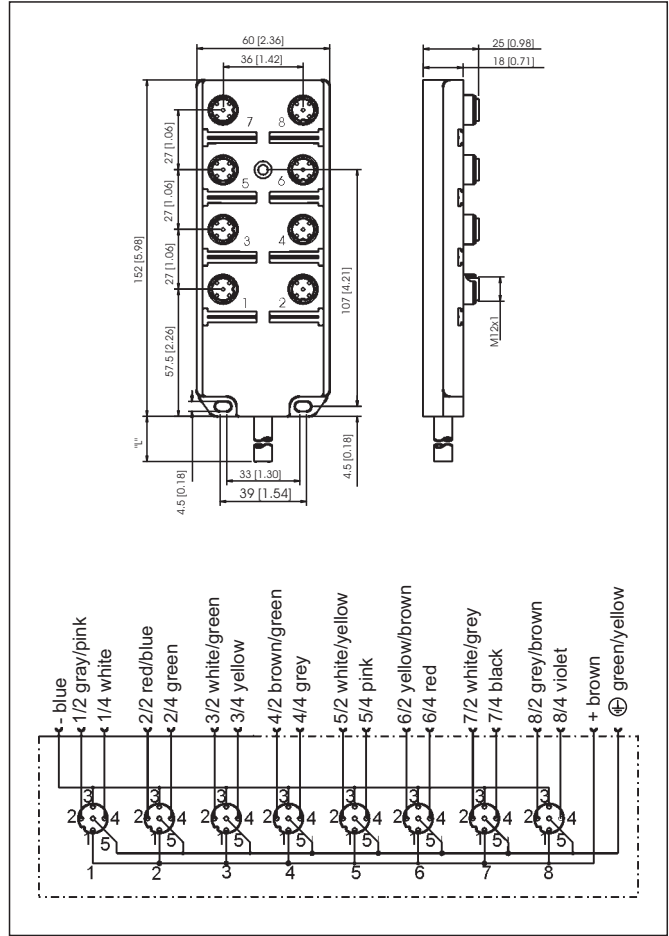
xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

DISTRIBUTION BOXES(DBR-SERIES)

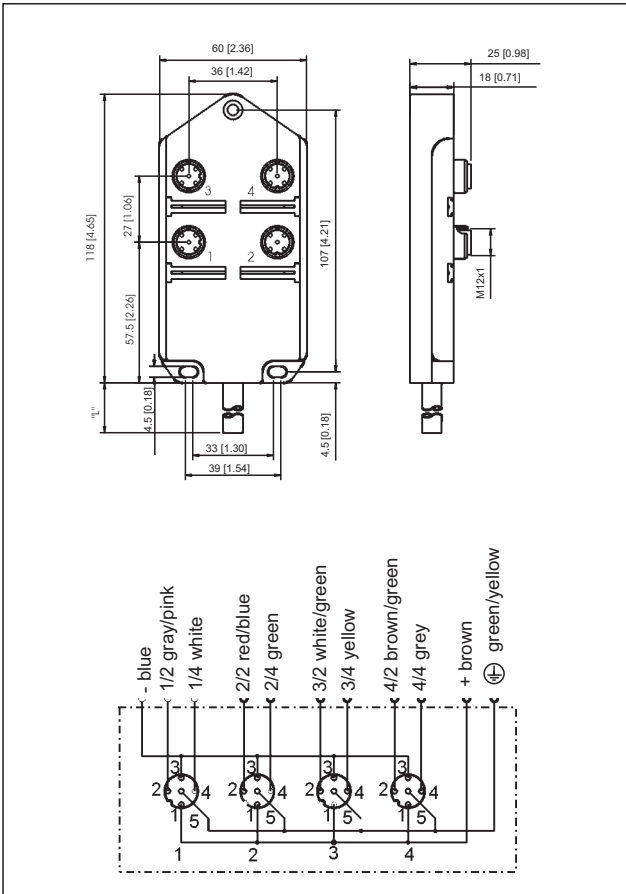
View



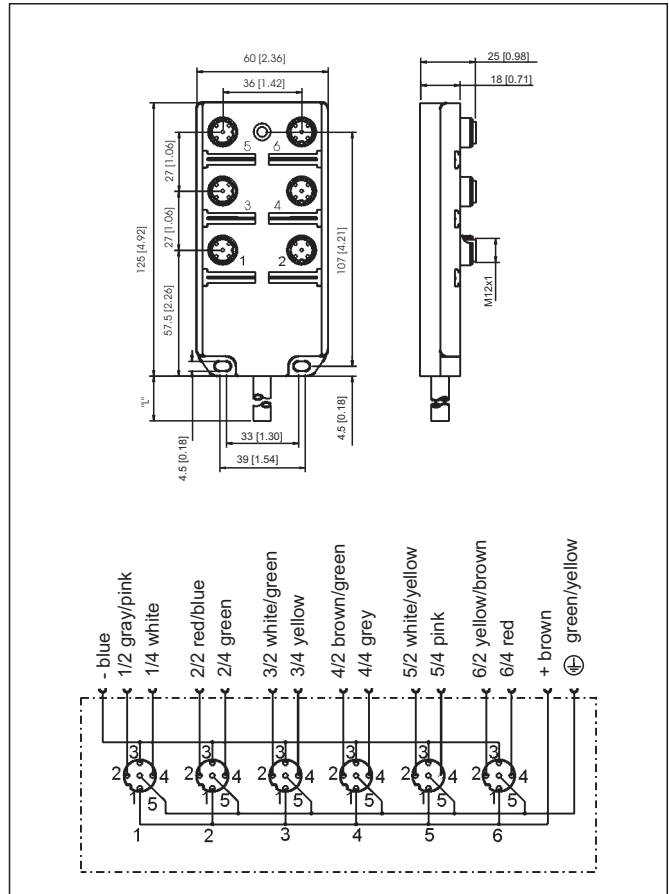
Dimensional data



Dimensional data



Dimensional data



DISTRIBUTION BOXES (DBR-SERIES)

Description

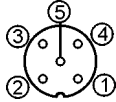
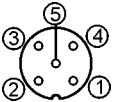
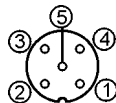
Distribution Boxes,4-6-8 port-Cable Version

5 poles 5 wires,earth connection,with two dust covers and ten attachable molds

Technical Data

| | | | |
|------------------------------|---|---|---|
| 1. Application Class: | -15°C to +90°C | 4. Mechanical Data: | |
| 2. Materials: | | Insertion Force | |
| Housing: | Nylon 6/6 | (contact): | ≤ 2.0N(.45LBS) |
| | Optional-yellow | Withdrawal Force | |
| Contact: | Brass,gold over nickel plating | (contact): | ≥ 0.5N(.11LBS) |
| Receptacle Shell: | Brass,nickel plated | Protection: | IP68,NEMA 6P(only in fully locked position) |
| Insert: | PUR(Polyurethane),black | Shock: | IEC-68-2-27 |
| O-Ring: | Viton | Vibration: | IEC-68-2-6 |
| 3. Electrical Data: | | 5. CE Conformity with Standards: | |
| Contact Resistance: | ≤ 5m Ω | | |
| Current Rating: | 4 Amps per outlet 12 Amp max per box | | |
| Working Voltage: | 110VAC/DC | | |
| Insulation Resistance: | >10 ⁹ Ω | | |

Order Information

| Part Number | Poles | Color Code | Cable Type | |
|------------------|--|--|--|---------------|
| | | | Lead(mm ²) | Outer Jacket |
| ALTR4-5/5UZ-36XX | 5  | 1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) 4 = white (1) green (2) yellow (3) grey (4) 5 = green/yellow (GND) | 3x1.0(128x Φ 0.10) 8x0.5(64x Φ 0.10) | Φ 9.3 PUR |
| ALTR4-5/5UZ-13XX | | 3x1.0(128x Φ 0.10) 8x0.5(64x Φ 0.10) | Φ 9.3 PVC | |
| DLTR6-5/5UZ-34XX | 5  | 1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) white/yellow (5) yellow/brown (6) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) 5 = green/yellow (GND) | 3x1.0(128x Φ 0.10) 12x0.5(64x Φ 0.10) | Φ 10.4 PUR |
| DLTR8-5/5UZ-38XX | 5  | 1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) white/yellow (5) yellow/brown (6) white/grey (7) grey/brown (8) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8) 5 = green/yellow (GND) | 3x1.0(128x Φ 0.10) 16x0.5(64x Φ 0.10) | Φ 11.6 PUR |

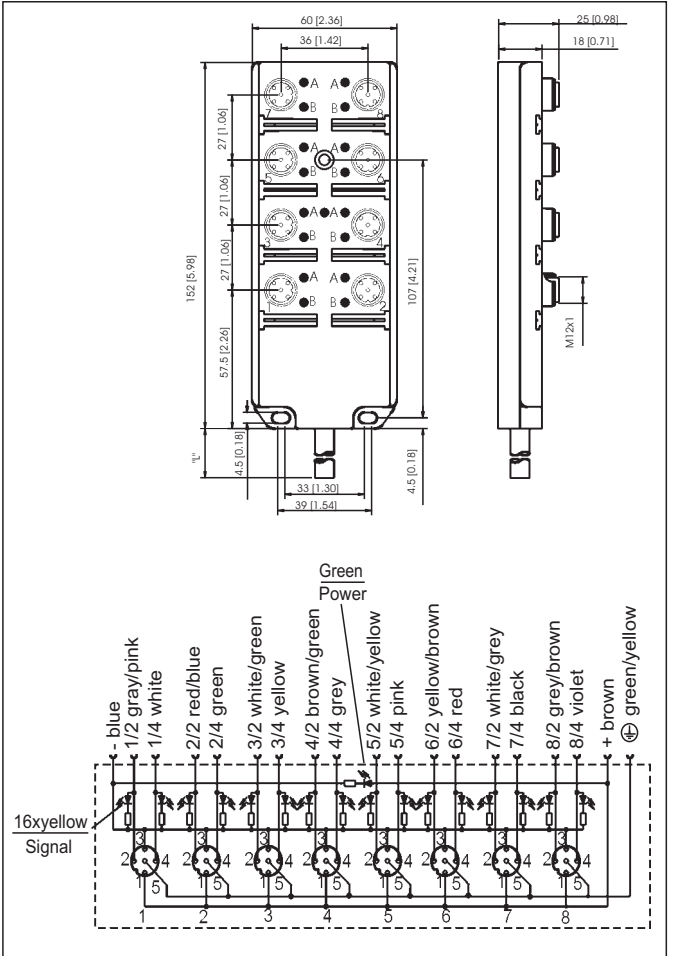
xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

DISTRIBUTION BOXES(DBR-SERIES)

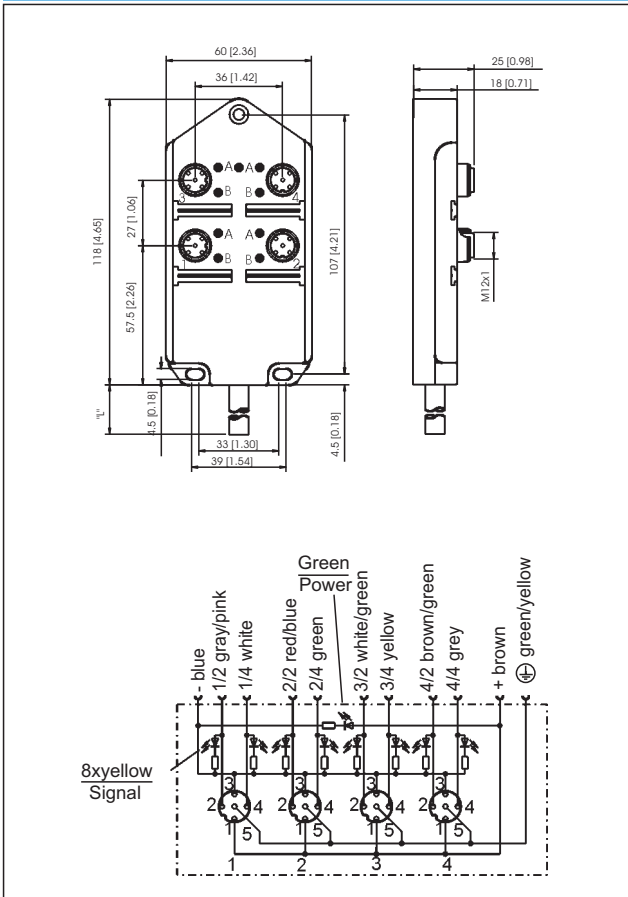
View



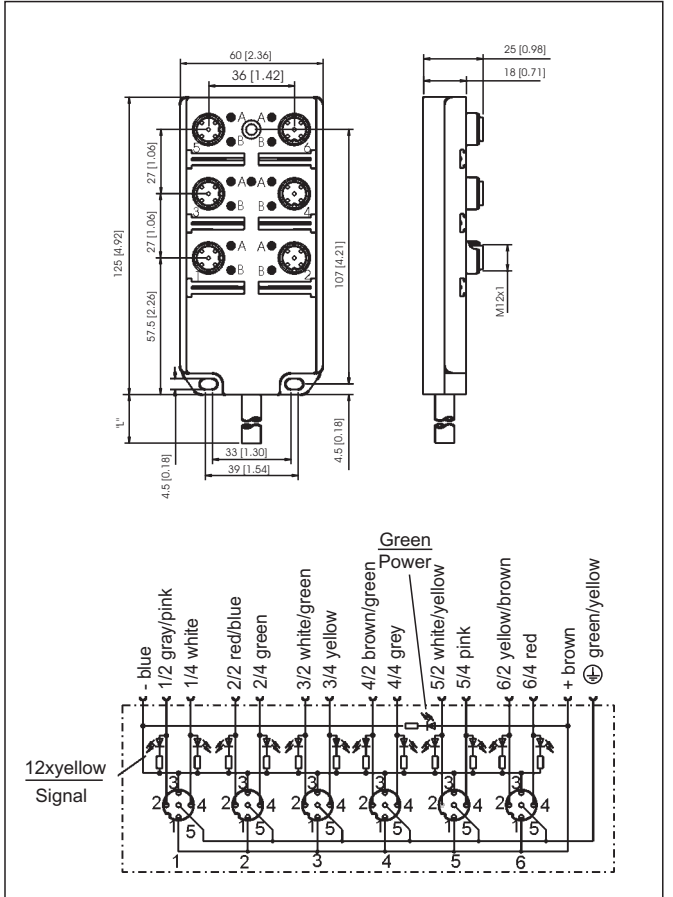
Dimensional data



Dimensional data



Dimensional data



DISTRIBUTION BOXES (DBR-SERIES)

Description

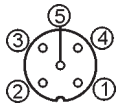
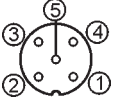
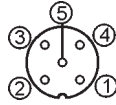
Distribution Boxes,4-6-8 port-Cable Version

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

Technical Data

| | | | |
|------------------------------|---|---|---|
| 1. Application Class: | -15°C to +90°C | 4. Mechanical Data: | |
| 2. Materials: | | Insertion Force | |
| Housing: | Nylon 6/6 Optional-yellow | (contact): | ≤ 2.0N(.45LBS) |
| Contact: | Brass,gold over nickel plating | Withdrawal Force | |
| Receptacle Shell: | Brass,nickel plated | (contact): | ≥ 0.5N(.11LBS) |
| Insert: | PUR(Polyurethane),black | Protection: | IP68,NEMA 6P(only in fully locked position) |
| O-Ring: | Viton | Shock: | IEC-68-2-27 |
| 3. Electrical Data: | | Vibration: | IEC-68-2-6 |
| Contact Resistance: | ≤ 5m Ω | 5. CE Conformity with Standards: | |
| Current Rating: | 4 Amps per outlet 12 Amp max per box | | EN50082-1, EN50082-2 and IEC60947-5-2 |
| Working Voltage: | 110VAC/DC | | |
| Insulation Resistance: | >10 ⁹ Ω | | |

Order Information

| Part Number | Poles | Color Code | Cable Type | |
|------------------|--|--|--|---------------|
| | | | Lead(mm ²) | Outer Jacket |
| ALTR4-5/5DC-36XX | 5  | 1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) | 3x1.0(128x Φ 0.10) 8x0.5(64x Φ 0.10) | Φ 9.3 PUR |
| ALTR4-5/5DC-13XX | | 4 = white (1) green (2) yellow (3) grey (4) 5 = green/yellow (GND) | 3x1.0(128x Φ 0.10) 8x0.5(64x Φ 0.10) | Φ 9.3 PVC |
| DLTR6-5/5DC-34XX | 5  | 1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) white/yellow (5) yellow/brown (6) | 3x1.0(128x Φ 0.10) 12x0.5(64x Φ 0.10) | Φ 10.4 PUR |
| DLTR8-5/5DC-38XX | 5  | 1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) white/yellow (5) yellow/brown (6) white/grey (7) grey/brown (8) | 3x1.0(128x Φ 0.10) 16x0.5(64x Φ 0.10) | Φ 11.6 PUR |
| | | 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8) 5 = green/yellow (GND) | | |

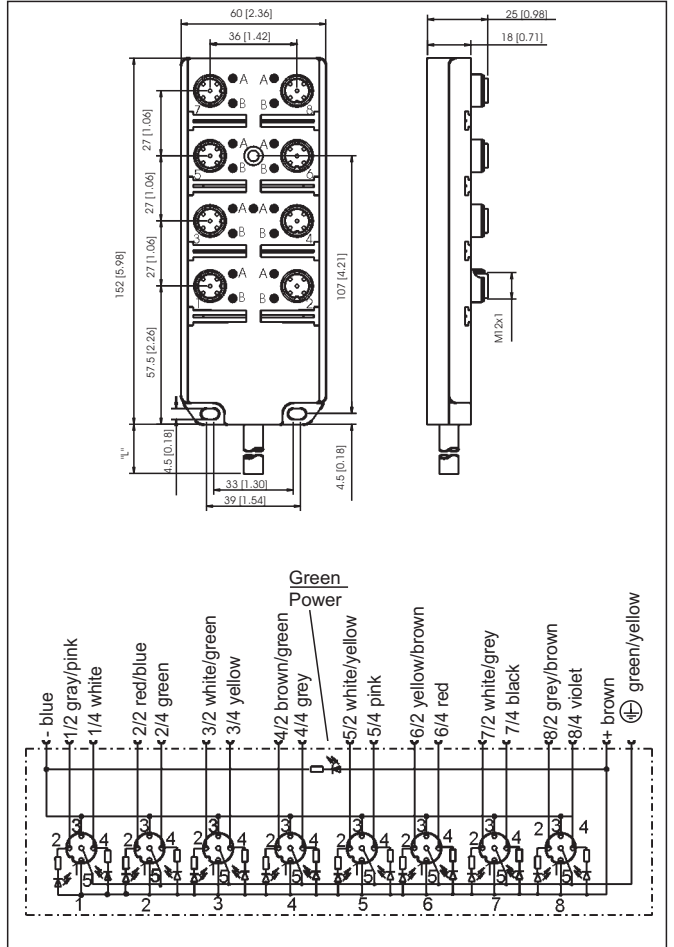
xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

DISTRIBUTION BOXES(DBR-SERIES)

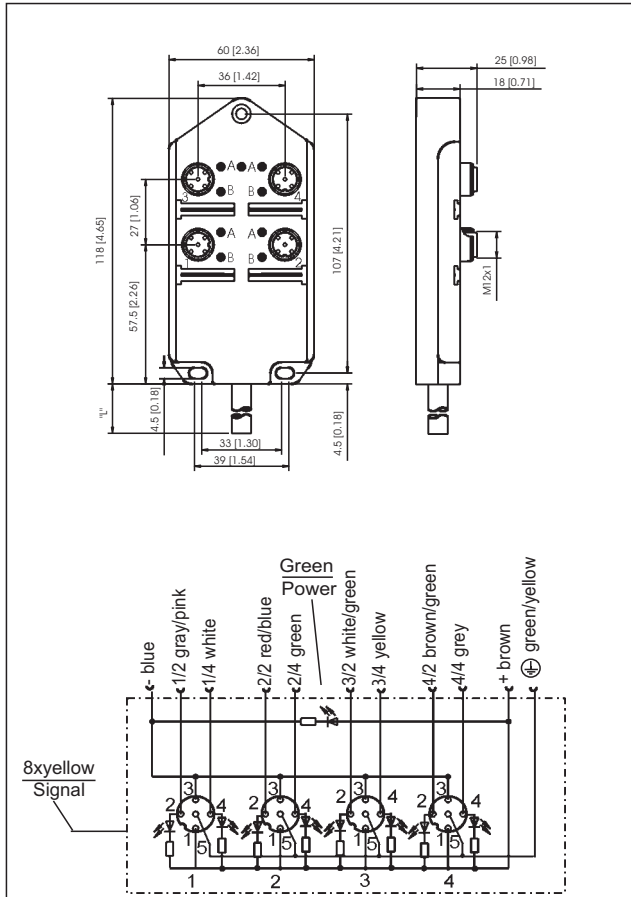
View



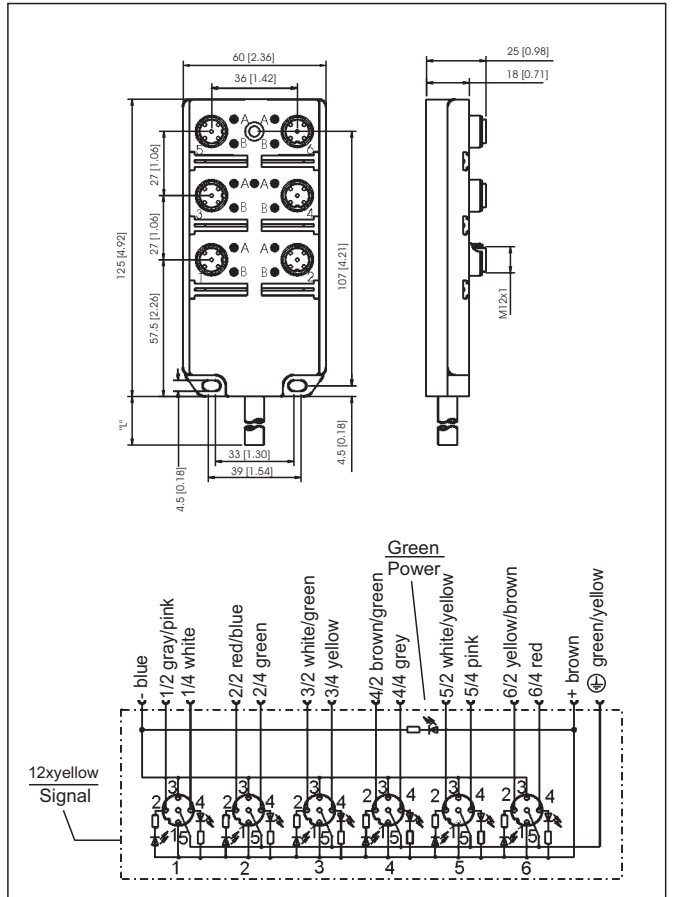
Dimensional data



Dimensional data



Dimensional data



DISTRIBUTION BOXES (DBR-SERIES)

Description

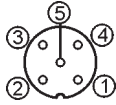
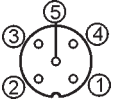
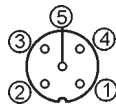
Distribution Boxes,4-6-8 port-Cable Version

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

Technical Data

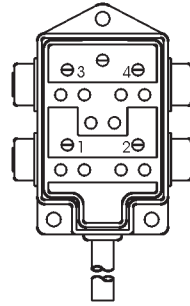
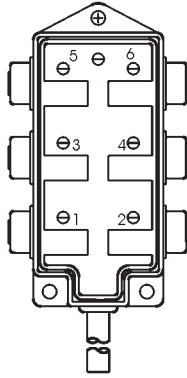
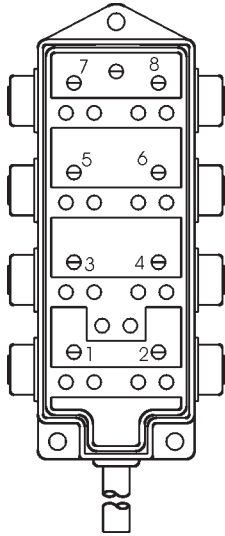
| | | | |
|------------------------------|---|---|---|
| 1. Application Class: | -15°C to +90°C | 4. Mechanical Data: | |
| 2. Materials: | | Insertion Force | |
| Housing: | Nylon 6/6 | (contact): | ≤ 2.0N(.45LBS) |
| Contact: | Optional-yellow | Withdrawal Force | |
| Receptacle Shell: | Brass,gold over nickel plating | (contact): | ≥ 0.5N(.11LBS) |
| Insert: | Brass,nickel plated | Protection: | IP68,NEMA 6P(only in fully locked position) |
| O-Ring: | PUR(Polyurethane),black | Shock: | IEC-68-2-27 |
| | Viton | Vibration: | IEC-68-2-6 |
| 3. Electrical Data: | | 5. CE Conformity with Standards: | |
| Contact Resistance: | ≤ 5m Ω | | |
| Current Rating: | 4 Amps per outlet 12 Amp max per box | | |
| Working Voltage: | 110VAC/DC | | |
| Insulation Resistance: | >10 ⁹ Ω | | |

Order Information

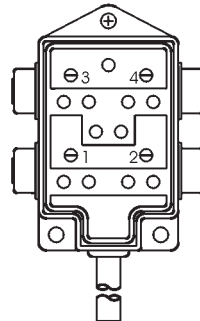
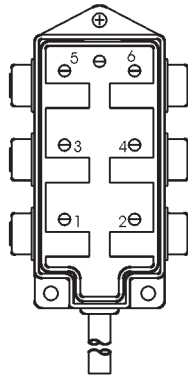
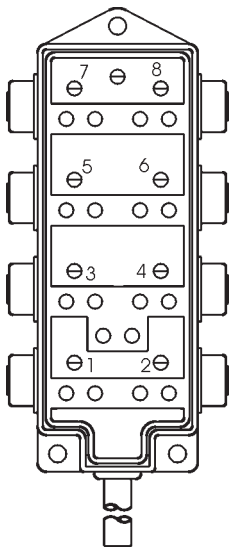
| Part Number | Poles | Color Code | Cable Type | |
|------------------|--|--|--|---------------|
| | | | Lead(mm ²) | Outer Jacket |
| ALTR4-5/5EC-36XX | 5  | 1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) | 3x1.0(128x Φ 0.10) 8x0.5(64x Φ 0.10) | Φ 9.3 PUR |
| ALTR4-5/5EC-13XX | | 4 = white (1) green (2) yellow (3) grey (4) 5 = green/yellow (GND) | 3x1.0(128x Φ 0.10) 8x0.5(64x Φ 0.10) | Φ 9.3 PVC |
| DLTR6-5/5EC-34XX | 5  | 1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) white/yellow (5) yellow/brown (6) | 3x1.0(128x Φ 0.10) 12x0.5(64x Φ 0.10) | Φ 10.4 PUR |
| DLTR8-5/5EC-38XX | 5  | 1 = brown (+) 3 = blue (-) 2 = grey/pink (1) red/blue (2) white/green (3) brown/green (4) white/yellow (5) yellow/brown (6) white/grey (7) grey/brown (8) | 3x1.0(128x Φ 0.10) 16x0.5(64x Φ 0.10) | Φ 11.6 PUR |
| | | 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8) 5 = green/yellow (GND) | | |

xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

DISTRIBUTION BOXES *DBRS SERIES* INDEX



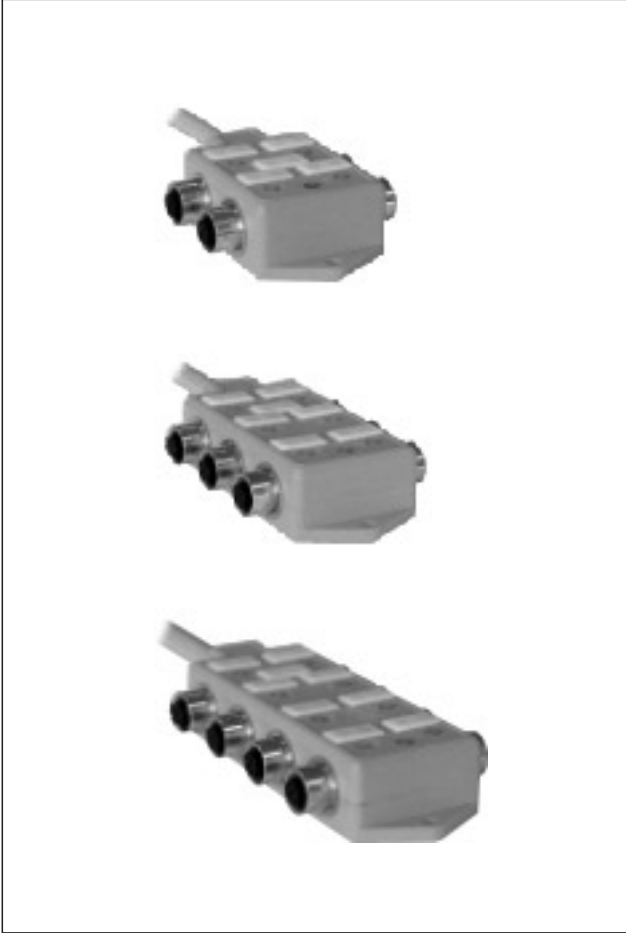
Page H18



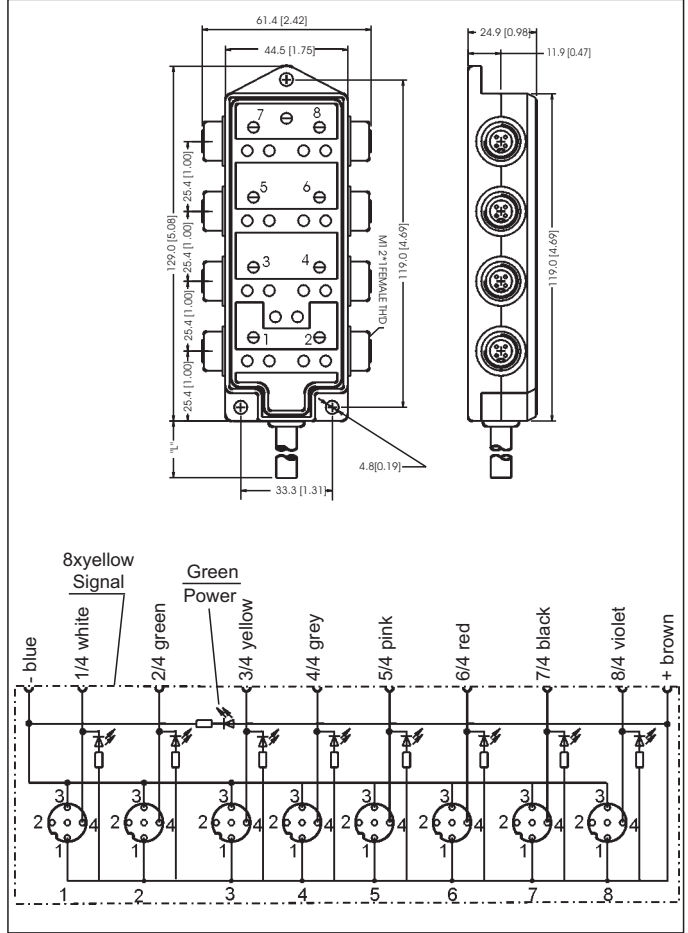
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DISTRIBUTION BOXES(DBRS-SERIES)

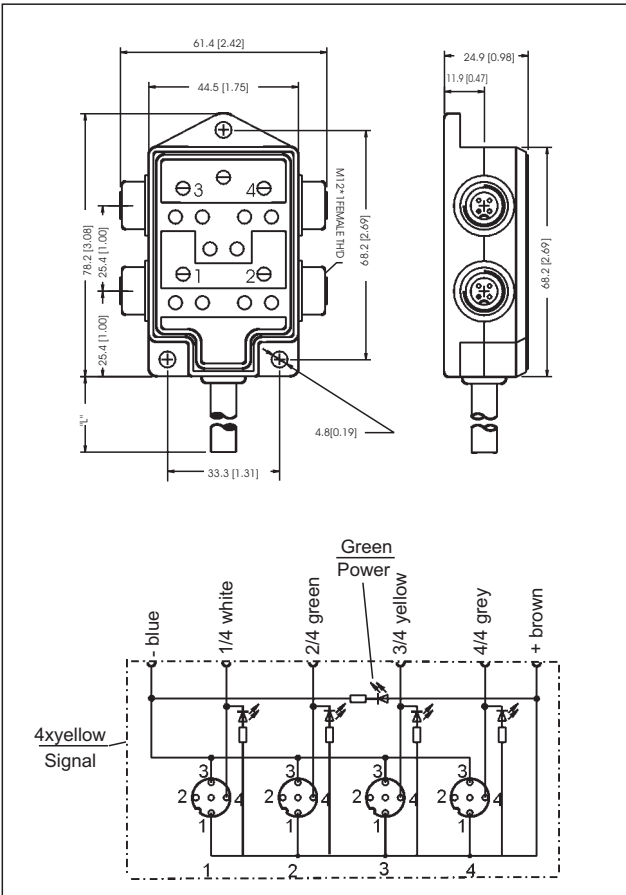
View



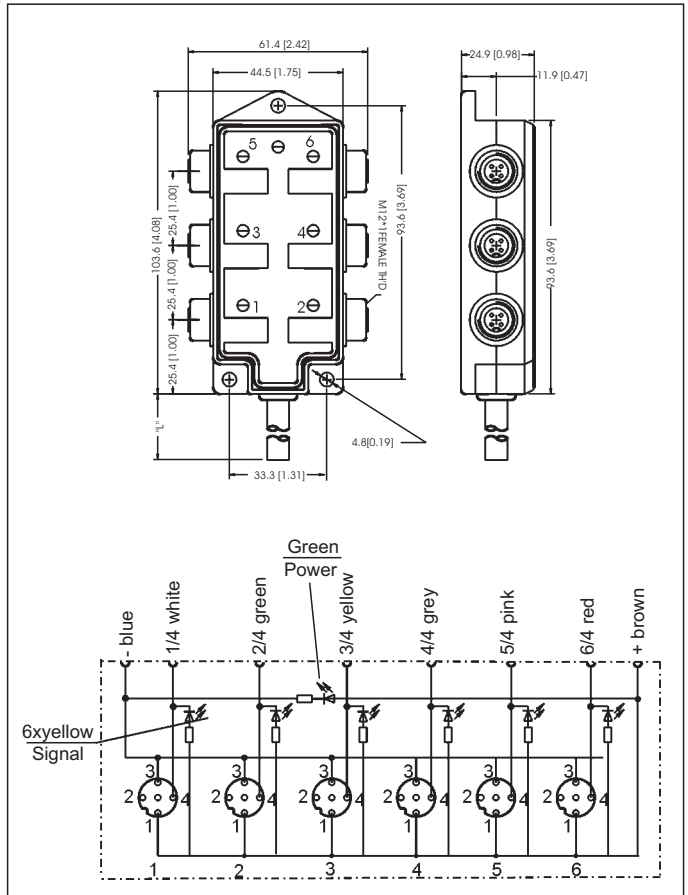
Dimensional data



Dimensional data



Dimensional data



DISTRIBUTION BOXES (DBRS-SERIES)

Description

Distribution Boxes,4-6-8 port-Cable Side Version

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
 Receptacle Shell: Brass.black nickel plated
 Insert: PUR(Polyurethane),black
 O-Ring: Nitrile Rubber

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: $>10^9 \Omega$
 Current Limiting Resistor: 3.3K Ω

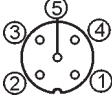
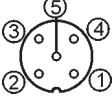
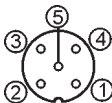
4. Mechanical Data:

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

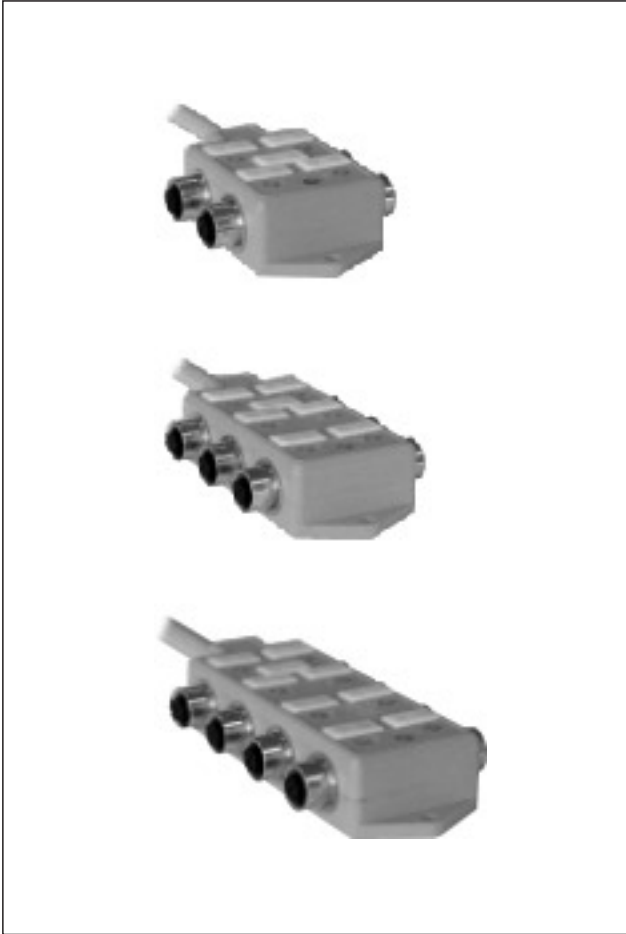
Order Information

| Part Number | Poles | Color Code | Cable Type | | |
|------------------|--|---|-------------------------|--------------|------------------|
| | | | Lead(mm ²) | Outer Jacket | |
| ASSR4-5/3PA-64XX | 5  | 1 = brown (+) 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) | 3x0.75(96x Φ 0.10) | Φ 8.4 | PVC |
| ASSR4-5/3PA-65XX | | | 4x0.34(42x Φ 0.10) | | PVC (irradiated) |
| ASSR4-5/3PA-66XX | | | | | PUR/PVC |
| ASSR6-5/3PA-67XX | 5  | 1 = brown (+) 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) | 3x0.75(96x Φ 0.10) | Φ 9.0 | PVC |
| ASSR6-5/3PA-68XX | | | 6x0.34(42x Φ 0.10) | | PVC (irradiated) |
| ASSR6-5/3PA-69XX | | | | | PUR/PVC |
| ASSR8-5/3PA-57XX | 5  | 1 = brown (+) 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8) | 3x0.75(96x Φ 0.10) | Φ 9.0 | PVC |
| ASSR8-5/3PA-58XX | | | 8x0.34(42x Φ 0.10) | | PVC (irradiated) |
| ASSR8-5/3PA-59XX | | | | | PUR/PVC |

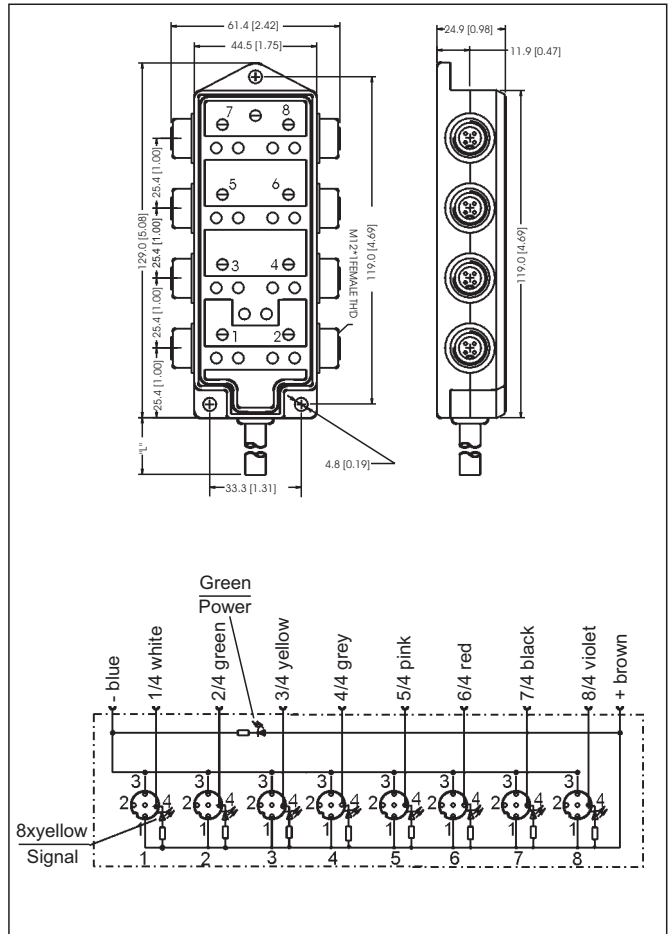
xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

DISTRIBUTION BOXES(DBRS-SERIES)

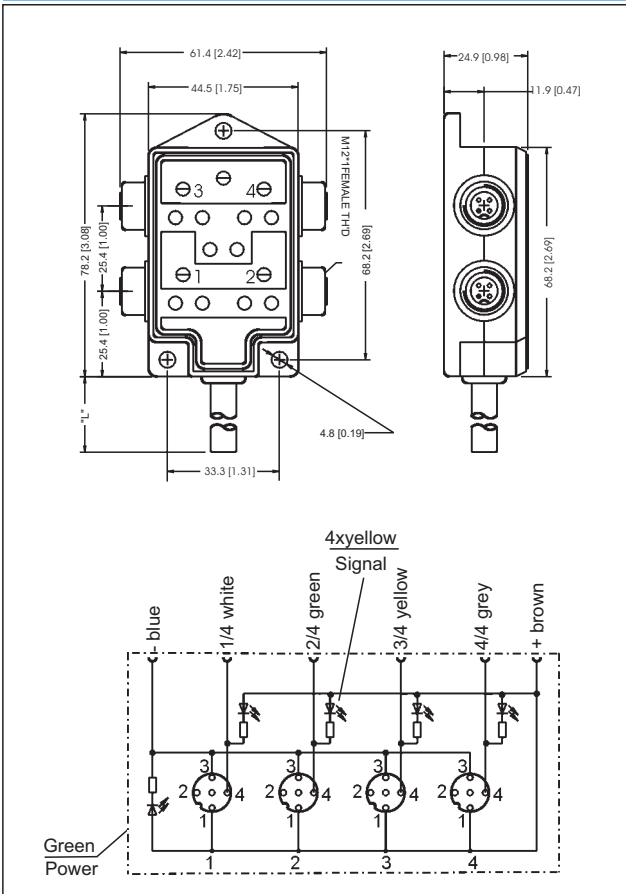
View



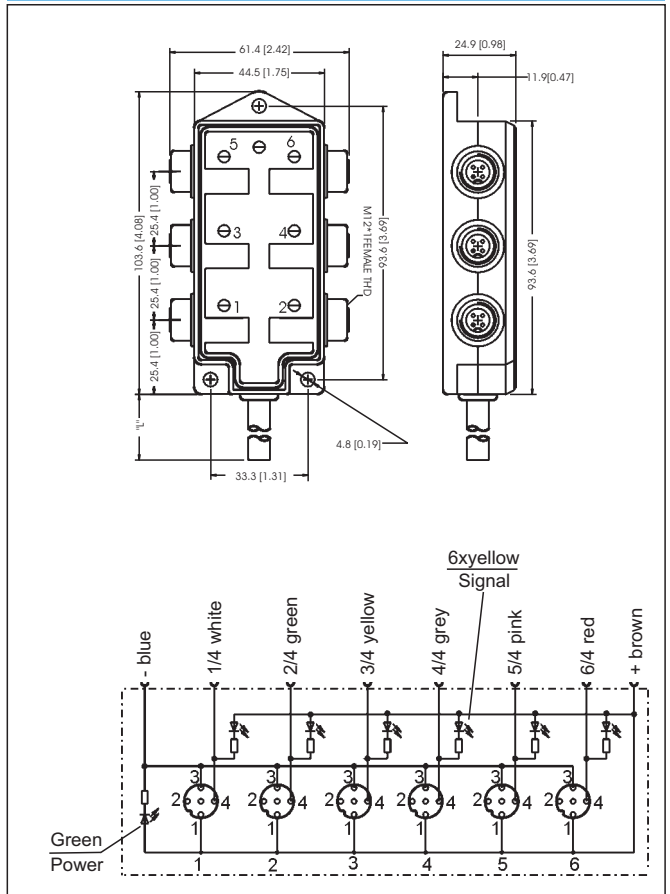
Dimensional data



Dimensional data



Dimensional data



DISTRIBUTION BOXES (DBRS-SERIES)

Description

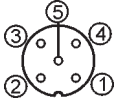
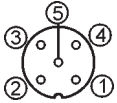

Distribution Boxes,4-6-8 port-Cable Side Version

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

Technical Data

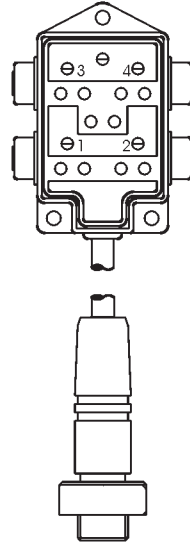
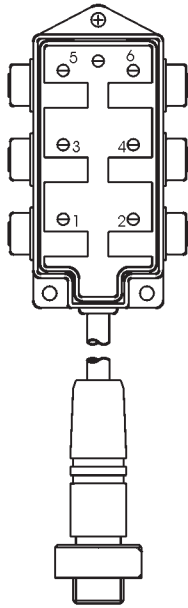
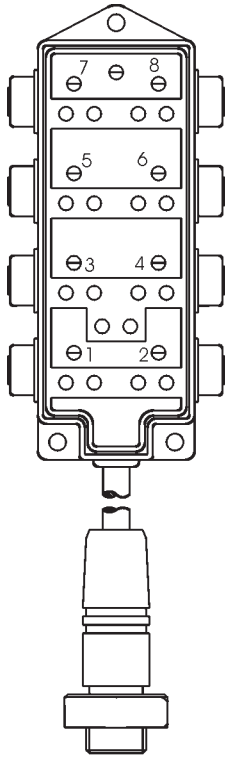
| | | | |
|------------------------------|---|---|---|
| 1. Application Class: | -25°C to +90°C | 4. Mechanical Data: | |
| 2. Materials: | | Insertion Force | |
| Housing: | Nylon 6/6 | (contact) | ≤ 2.0N(0.45LBS) |
| Contact: | Brass,gold over nickel plating | Withdrawal Force | |
| Receptacle Shell: | Brass.black nickel plated | (contact): | ≥ 0.5N (0.11LBS) |
| Insert: | PUR(Polyurethane),black | Protection: | IP68,NEMA 6P(only in fully locked position) |
| O-Ring: | Nitrile Rubber | Shock: | IEC-68-2-27 |
| 3. Electrical Data: | | Vibration: | IEC-68-2-6 |
| Contact Resistance: | ≤ 5mΩ | 5. CE Conformity with Standards: | |
| Current Rating: | 4 Amps per outlet 12 Amp max per box | | EN50082-1, EN50082-2 and IEC60947-5-2 |
| Working Voltage: | 10-30VDC | | |
| Insulation Resistance: | >10 ⁹ Ω | | |
| Current Limiting Resistor: | 3.3KΩ | | |

Order Information

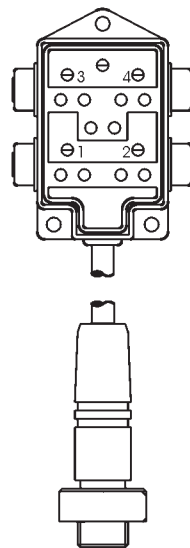
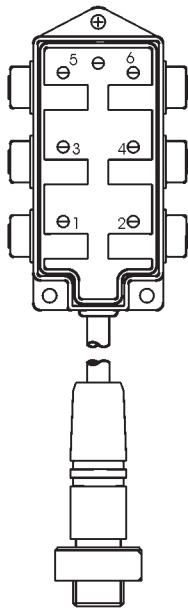
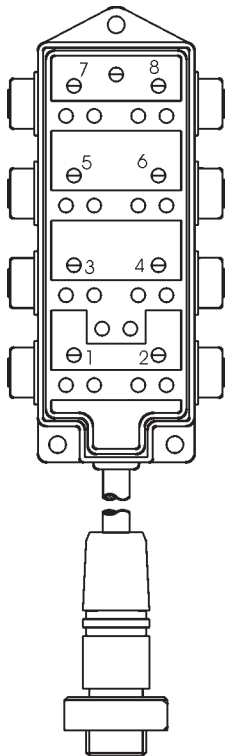
| Part Number | Poles | Color Code | Cable Type | |
|------------------|--|---|--|---|
| | | | Lead(mm ²) | Outer Jacket |
| ASSR4-5/3NA-64XX | 5  | 1 = brown (+) 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) | 3x0.75(96x φ 0.10) 4x0.34(42x φ 0.10) | PVC φ 8.4 PVC (irradiated) PUR/PVC |
| ASSR4-5/3NA-65XX | | | | |
| ASSR4-5/3NA-66XX | | | | |
| ASSR6-5/3NA-67XX | 5  | 1 = brown (+) 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) | 3x0.75(96x φ 0.10) 6x0.34(42x φ 0.10) | PVC φ 9.0 PVC (irradiated) PUR/PVC |
| ASSR6-5/3NA-68XX | | | | |
| ASSR6-5/3NA-69XX | | | | |
| ASSR8-5/3NA-57XX | 5  | 1 = brown (+) 3 = blue (-) 4 = white (1) green (2) yellow (3) grey (4) pink (5) red (6) black (7) violet (8) | 3x0.75(96x φ 0.10) 8x0.34(42x φ 0.10) | PVC φ 9.0 PVC (irradiated) PUR/PVC |
| ASSR8-5/3NA-58XX | | | | |
| ASSR8-5/3NA-59XX | | | | |

xx - Standard length :5.0m(05) and 10.0m(10). Other cable length or cable specifications on request

DISTRIBUTION BOXES *DBRSP SERIES* INDEX



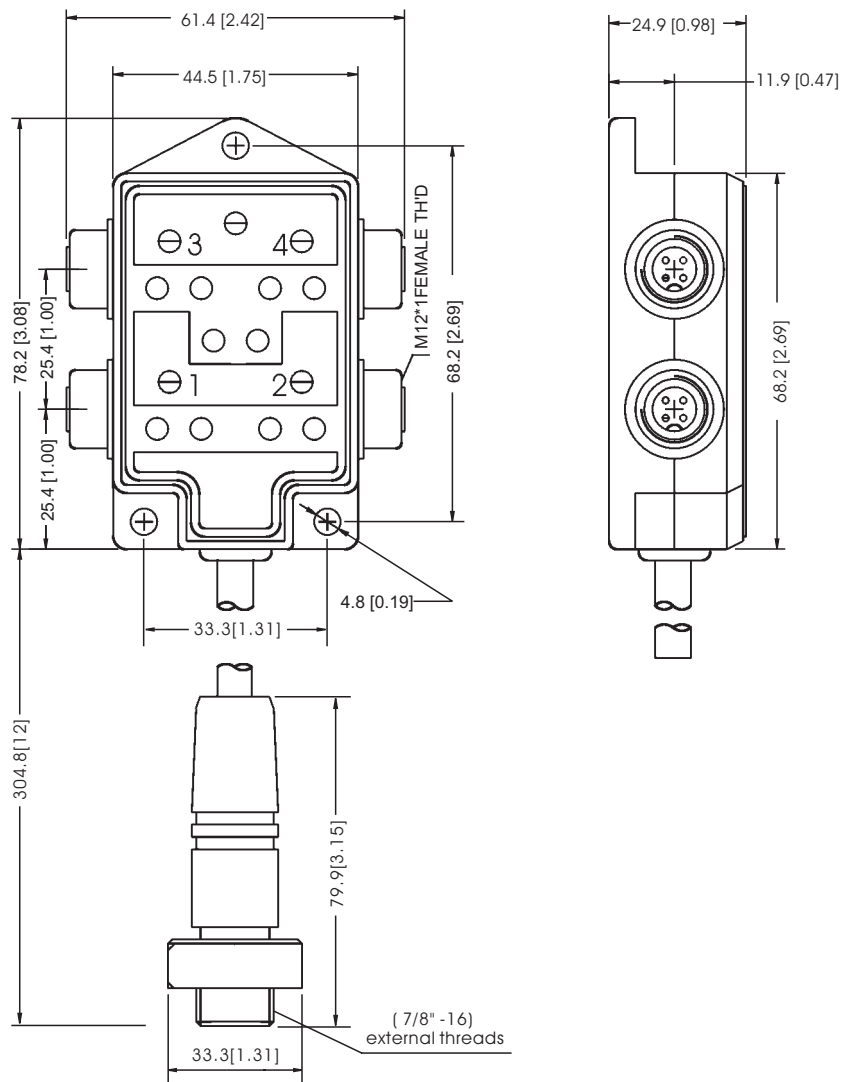
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Page H28



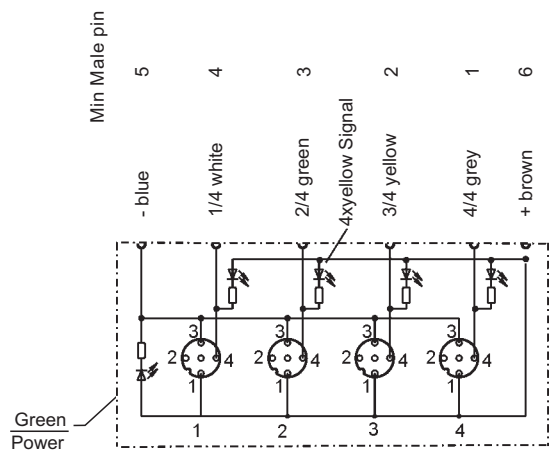
Page H30
Page H32
Page H34

DISTRIBUTION BOXES(DBRSP-SERIES)

Dimensional data



View



DISTRIBUTION BOXES (DBRSP-SERIES)

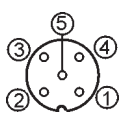

Description

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

Technical Data

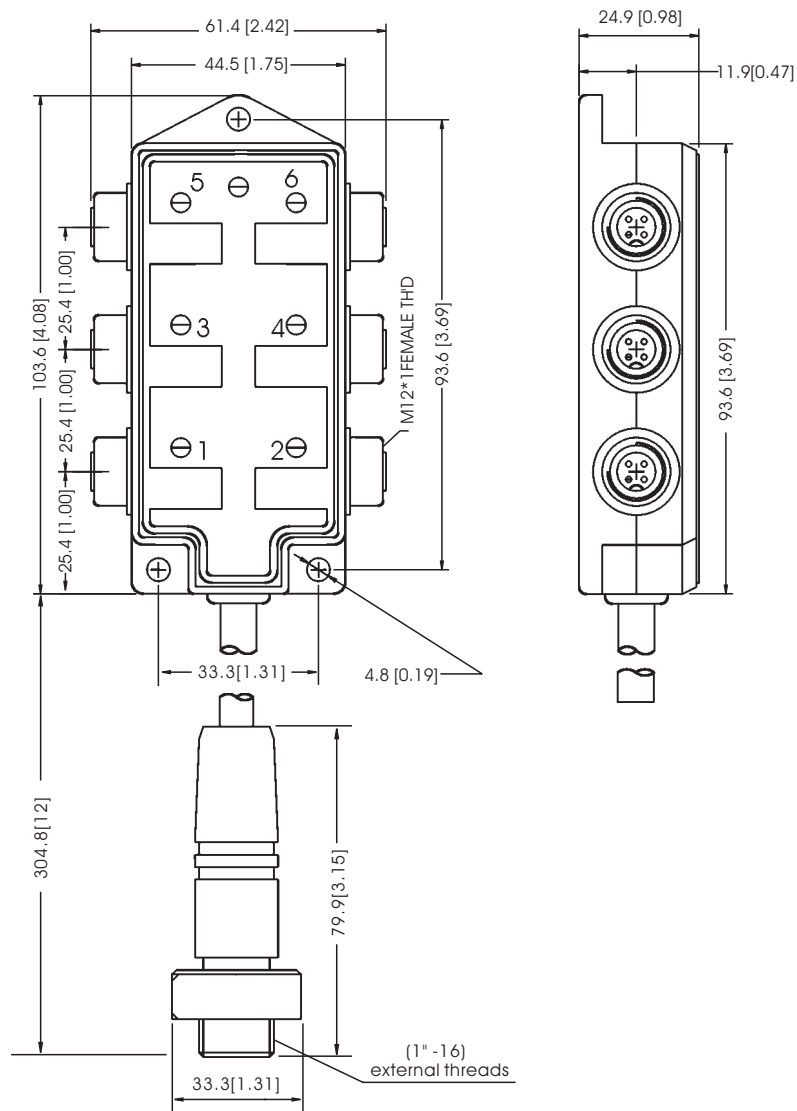
| | | | |
|------------------------------|---|---|---|
| 1. Application Class: | -25°C to +90°C | Working Voltage: | 10-30VDC |
| 2. Materials: | | Insulation Resistance: | >10 ⁹ Ω |
| Housing : | Nylon 6/6 | 4. Mechanical Data: | |
| Contact: | Brass, gold over nickel plating | Insertion Force (contact)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

Order Information

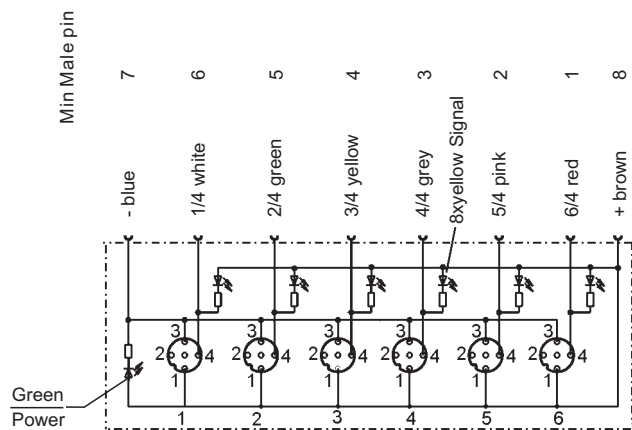
| Part Number | Face View Outlets | Face View of Male Plug | | Wiring Diagram | |
|---|---|---|-----------------|----------------|------------|
| | | Poles | Thread | Mini Male Pin | Outlet Pin |
| ASSR4-5/3NA-PZ6 |  |  | 7/8"-16 | 1= | 4/4 |
| | | | | 2= | 3/4 |
| | | | | 3= | 2/4 |
| | | | | 4= | 1/4 |
| | | | | 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)

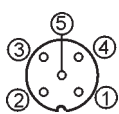

Description

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 | 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 (contact) | ≤ 2.0N (0.45LBS) |
| Coupling Nut: | Aluminum, Black anodized | Withdrawal Force (contact): | ≥ 0.5N (0.11LBS) |
| Receptacle Shell: | Brass, nickel plated | Protection: | IP68, NEMA 6P (only in fully locked position) |
| Insert: | PUR (Polyurethane), black | Shock: | IEC-68-2-27 |
| O-Ring: | Viton | Vibration: | IEC-68-2-6 |
| Molded Body: | PUR, Yellow | 5. CE Conformity with Standards: | |
| Male Insert: | PUR, Yellow | EN50082-1, EN50082-2 and IEC60947-5-2 | |
| 3. Electrical Data: | | | |
| Contact Resistance: | ≤ 5mΩ | | |
| Current Rating: | 4 Amps per outlet 12 Amp max per box | | |

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)

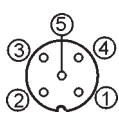

Description

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 | 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 (contact) | ≤ 2.0N (0.45LBS) |
| Coupling Nut: | Aluminum, Black anodized | Withdrawal Force (contact): | ≥ 0.5N (0.11LBS) |
| Receptacle Shell: | Brass, nickel plated | Protection: | IP68, NEMA 6P (only in fully locked position) |
| Insert: | PUR (Polyurethane), black | Shock: | IEC-68-2-27 |
| O-Ring: | Viton | Vibration: | IEC-68-2-6 |
| Molded Body: | PUR, Yellow | 5. CE Conformity with Standards: | |
| Male Insert: | PUR, Yellow | EN50082-1, EN50082-2 and IEC60947-5-2 | |
| 3. Electrical Data: | | | |
| Contact Resistance: | ≤ 5m Ω | | |
| Current Rating: | 4 Amps per outlet 12 Amp max per box | | |

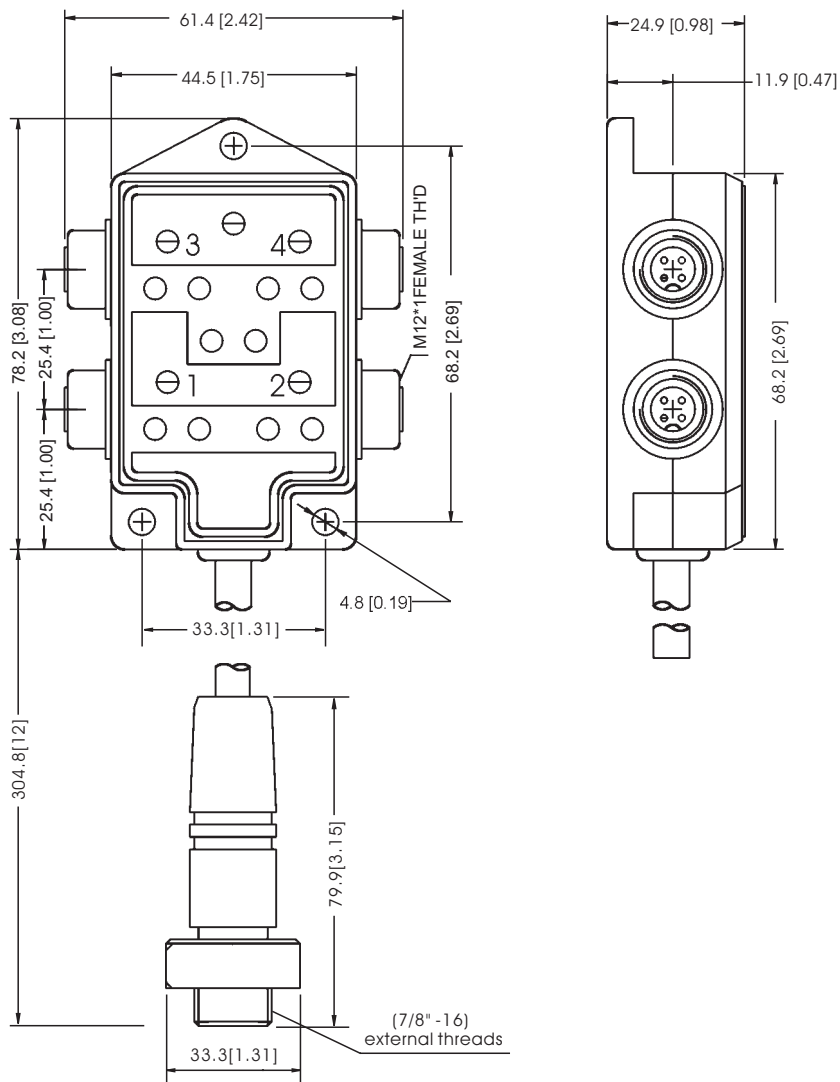
Order Information

| 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 | | Number of cable | | |
| 8 ports | 305mm | | 32 | | |

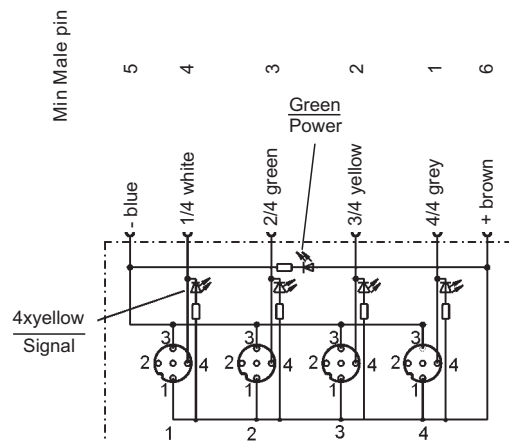
Reference pages J-1~J-17 for additional cable specification

DISTRIBUTION BOXES(DBRSP-SERIES)

Dimensional data



View



DISTRIBUTION BOXES (DBRSP-SERIES)

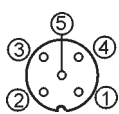

Description

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°C to +90°C | 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 (contact) | ≤ 2.0N (0.45LBS) |
| Coupling Nut: | Aluminum, Black anodized | Withdrawal Force (contact): | ≥ 0.5N (0.11LBS) |
| Receptacle Shell: | Brass, nickel plated | Protection: | IP68, NEMA 6P (only in fully locked position) |
| Insert: | PUR (Polyurethane), black | Shock: | IEC-68-2-27 |
| O-Ring: | Viton | Vibration: | IEC-68-2-6 |
| Molded Body: | PUR, Yellow | 5. CE Conformity with Standards: | |
| Male Insert: | PUR, Yellow | EN50082-1, EN50082-2 and IEC60947-5-2 | |
| 3. Electrical Data: | | | |
| Contact Resistance: | ≤ 5m Ω | | |
| Current Rating: | 4 Amps per outlet 12 Amp max per box | | |

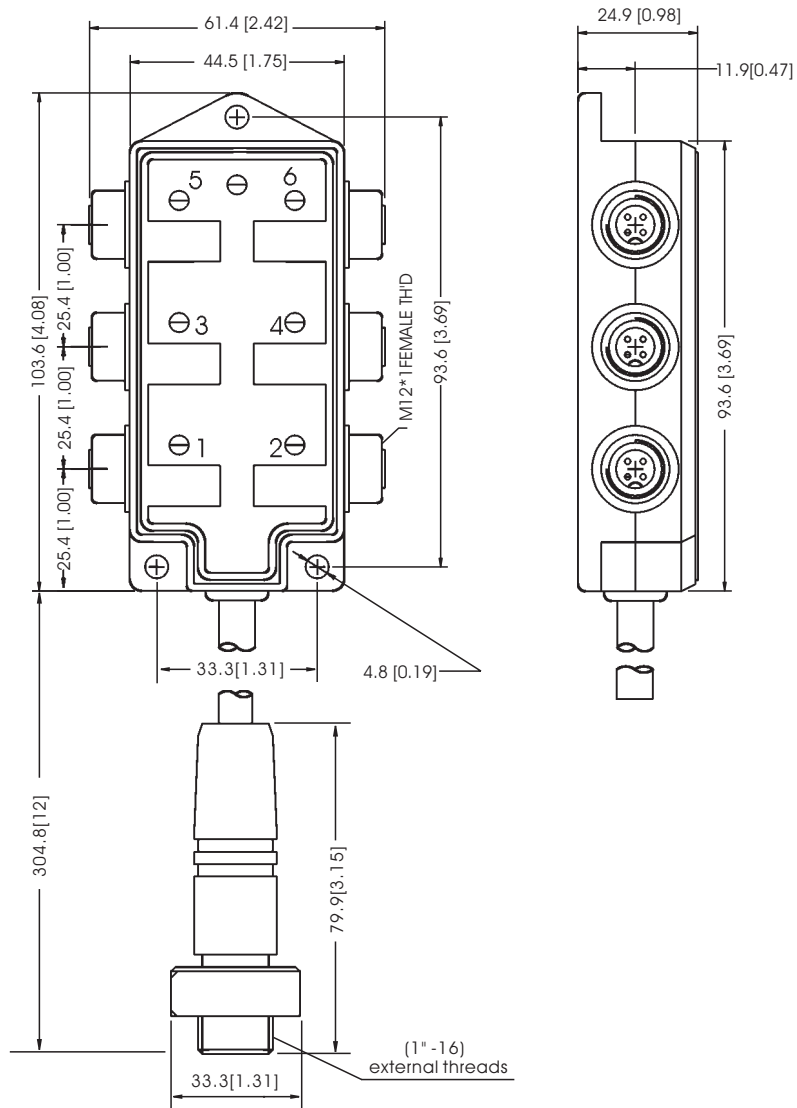
Order Information

| 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 | | |

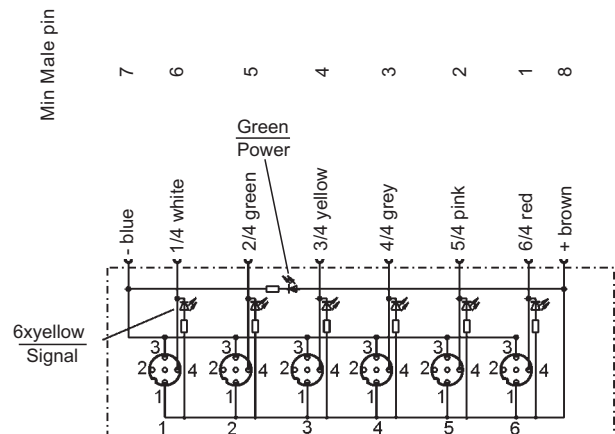
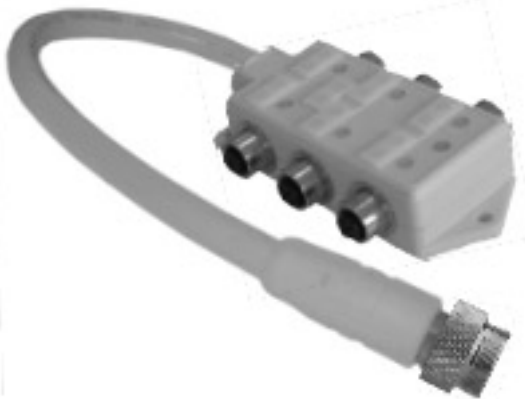
Reference pages J-1~J-17 for additional cable specification

DISTRIBUTION BOXES(DBRSP-SERIES)

Dimensional data



View



DISTRIBUTION BOXES (DBRSP-SERIES)

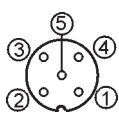

Description

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 | 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 (contact) | ≤ 2.0N (0.45LBS) |
| Coupling Nut: | Aluminum, Black anodized | Withdrawal Force (contact): | ≥ 0.5N (0.11LBS) |
| Receptacle Shell: | Brass, nickel plated | Protection: | IP68, NEMA 6P (only in fully locked position) |
| Insert: | PUR (Polyurethane), black | Shock: | IEC-68-2-27 |
| O-Ring: | Viton | Vibration: | IEC-68-2-6 |
| Molded Body: | PUR, Yellow | 5. CE Conformity with Standards: | |
| Male Insert: | PUR, Yellow | EN50082-1, EN50082-2 and IEC60947-5-2 | |
| 3. Electrical Data: | | | |
| Contact Resistance: | ≤ 5m Ω | | |
| Current Rating: | 4 Amps per outlet 12 Amp max per box | | |

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)

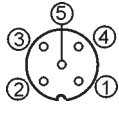

Description

Distribution Boxes, 8 ports, Pigtail
5 poles 3 wires, with built-in LED, with two dust covers and ten attachable molds

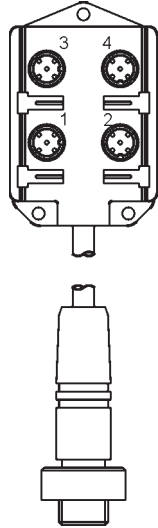
Technical Data

| | | | |
|------------------------------|---|---|---|
| 1. Application Class: | -25°C to +90°C | 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 (contact) | ≤ 2.0N (0.45LBS) |
| Coupling Nut: | Aluminum, Black anodized | Withdrawal Force (contact): | ≥ 0.5N (0.11LBS) |
| Receptacle Shell: | Brass, nickel plated | Protection: | IP68, NEMA 6P (only in fully locked position) |
| Insert: | PUR (Polyurethane), black | Shock: | IEC-68-2-27 |
| O-Ring: | Viton | Vibration: | IEC-68-2-6 |
| Molded Body: | PUR, Yellow | 5. CE Conformity with Standards: | |
| Male Insert: | PUR, Yellow | EN50082-1, EN50082-2 and IEC60947-5-2 | |
| 3. Electrical Data: | | | |
| Contact Resistance: | ≤ 5m Ω | | |
| Current Rating: | 4 Amps per outlet 12 Amp max per box | | |

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= | 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 | | Number of cable | | |
| 8 ports | 305mm | | 32 | | |

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



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