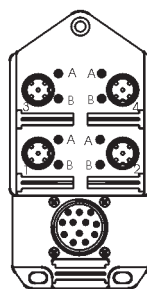
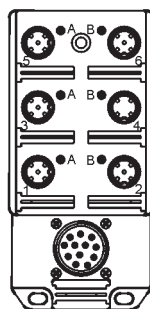
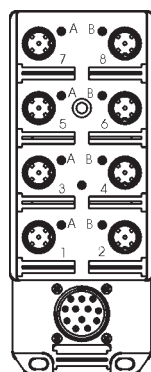
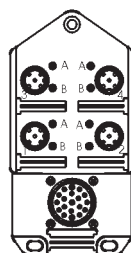
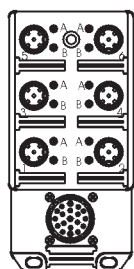
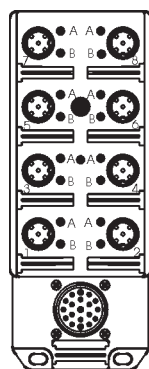


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Page H64

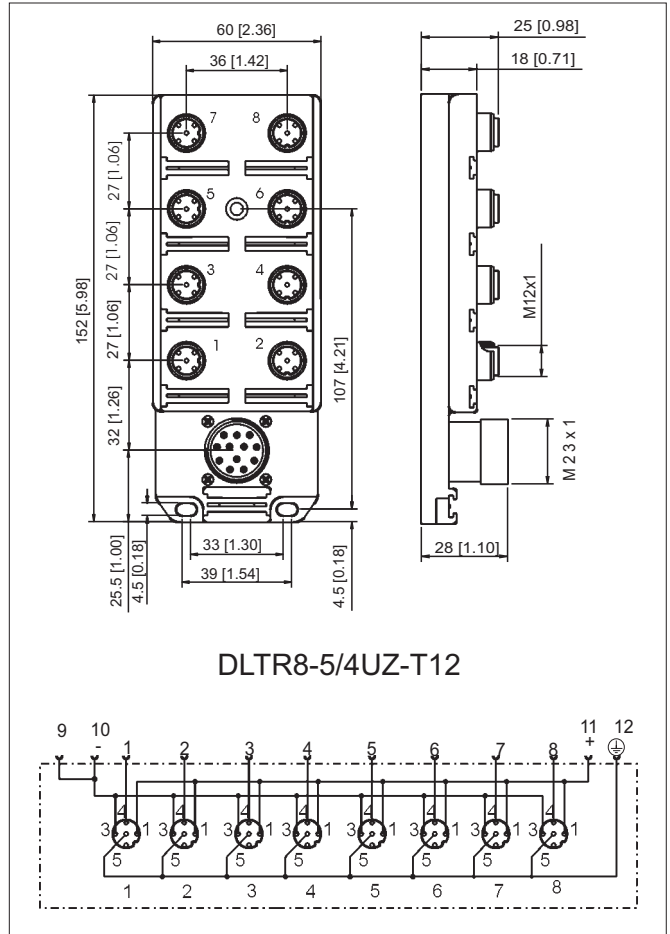
Page H66

DISTRIBUTION BOXES(DBRT-SERIES)

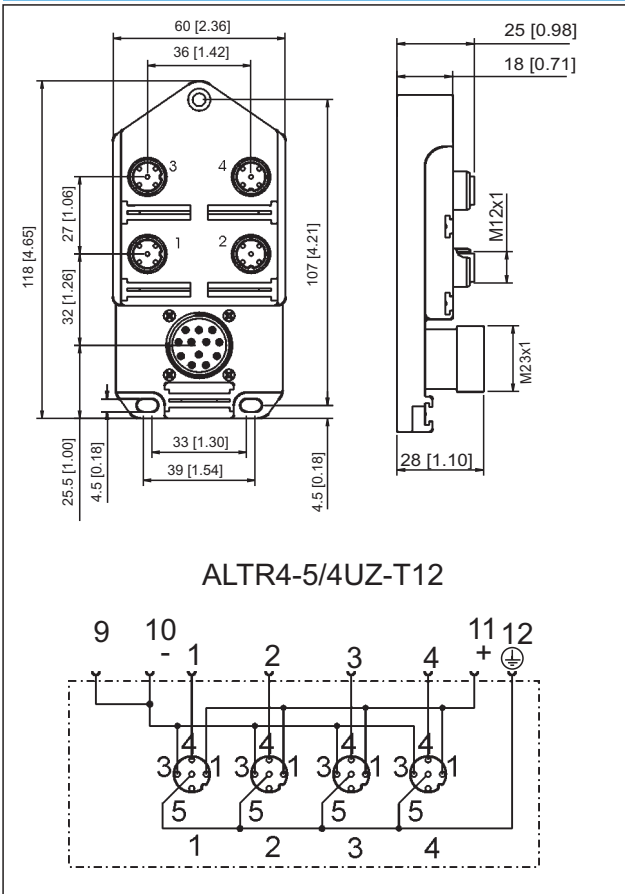
View



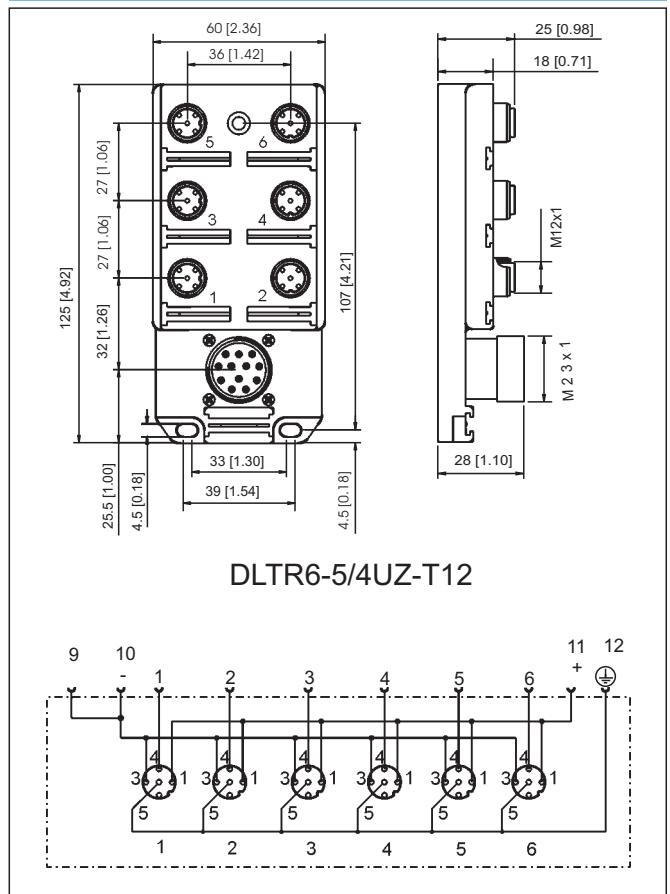
Dimensional data



Dimensional data



Dimensional data



DISTRIBUTION BOXES (DBRT-SERIES)

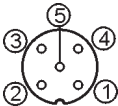
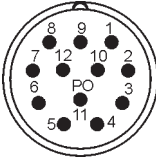
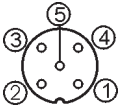
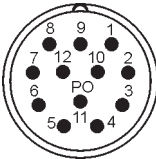
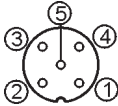
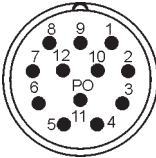
Description

Distribution Boxes, 4-6-8 port, Quick Disconnect on Top, and poles were placed by counter-clockwise 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 (contact):	≤ 2.0N(0.45LBS)
Housing :	Nylon 6/6	Withdrawal Force (contact):	≥ 0.5N (0.11LBS)
Contact:	Brass,gold over nickel plating	Protection:	IP65(only in fully locked position)
Receptacle Shell:	Brass,nickel plated	Shock:	IEC-68-2-27
Insert:	PUR(Polyurethane),black	Vibration:	IEC-68-2-6
O-Ring:	Viton		
3. Electrical Data:		5. CE Conformity with Standards:	
Contact Resistance:	≤ 5m Ω	EN50082-1, EN50082-2 and IEC60947-5-2	
Current Rating:	4 Amps per outlet 12 Amp max per box		
Working Voltage:	60VAC/75VDC		
Insulation Resistance:	>10 ⁹ Ω		

Order Information

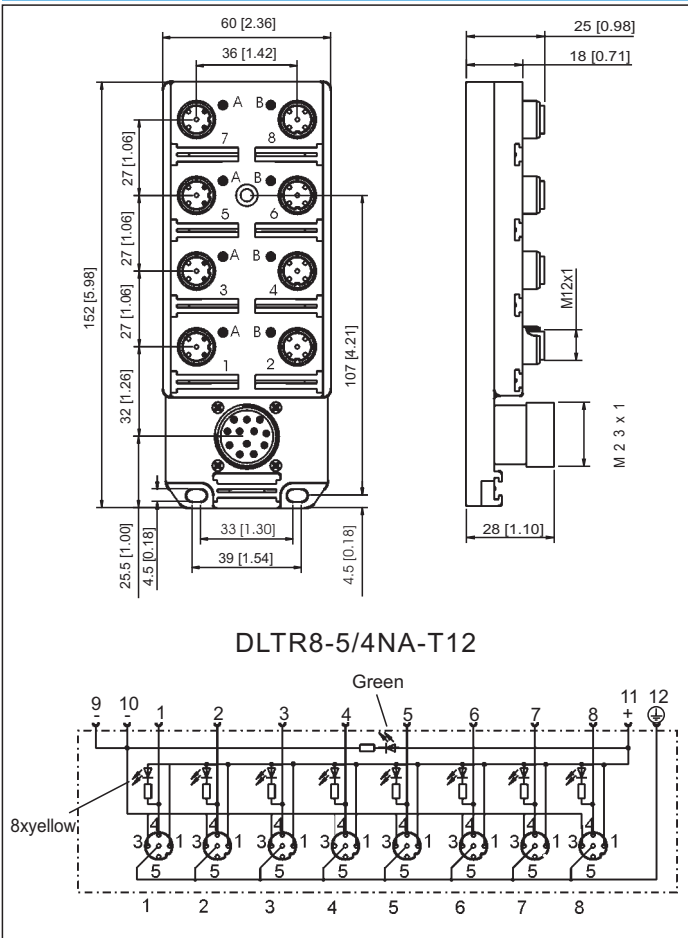
Part Number	Face View Outlets	Connector Face View		Wiring Diagram	
		Poles	Thread	Outlet Pins	Connector Pins
ALTR4-5/4UZ-T12			M23x1	1~4/1= 1~4/2= 1~4/3= 1/ 4= 2/ 4= 3/ 4= 4/ 4= 1~4/5=	11(+) No wire 9 bridged 10 (-) 1 2 3 4 12(GND)
DLTR6-5/4UZ-T12			M23x1	1~6/1= 1~6/2= 1~6/3= 1/ 4= 2/ 4= 3/ 4= 4/ 4= 5/ 4= 6/ 4= 1~6/5=	11 (+) No wire 9 bridged 10(-) 1 2 3 4 5 6 12 (GND)
DLTR8-5/4UZ-T12			M23x1	1~8/1= 1~8/2= 1~8/3= 1/ 4= 2/ 4= 3/ 4= 4/ 4= 5/ 4= 6/ 4= 7/ 4= 8/ 4= 1~8/5=	11 (+) No wire 9 bridged 10(-) 1 2 3 4 5 6 7 8 12 (GND)

DISTRIBUTION BOXES(DBRT-SERIES)

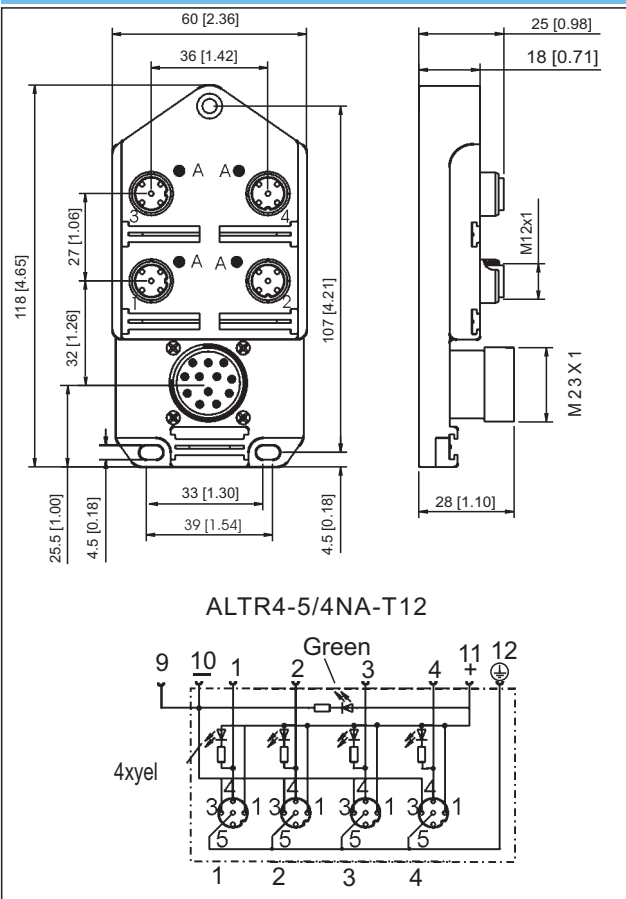
View



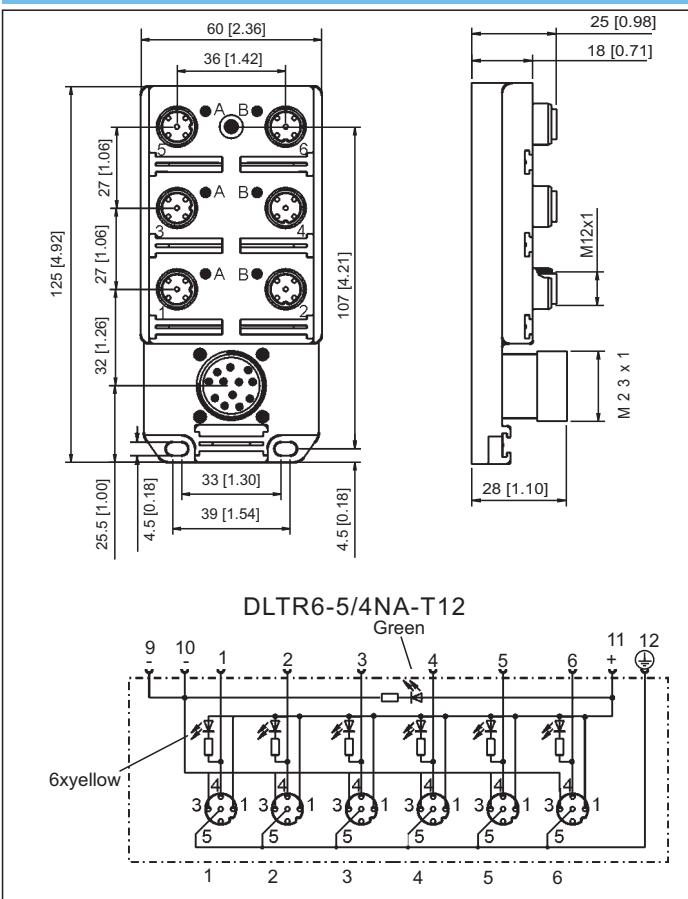
Dimensional data



View



Dimensional data



DISTRIBUTION BOXES (DBRT-SERIES)

Description

Distribution Boxes, 4-6-8 port, Quick Disconnect on Top, and poles were placed by counter-clockwise 5 poles 4 wires, with built-in LED. 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
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: $>10^9\Omega$

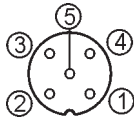
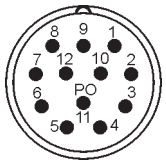
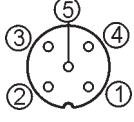
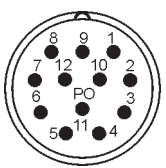
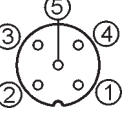
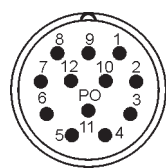
4. Mechanical Data:

Insertion Force (contact): $\leq 2.0N$ (0.45LBS)
Withdrawal Force (contact): $\geq 0.5N$ (0.11LBS)
Protection: IP65(only in fully locked position)
Shock: IEC-68-2-27
Vibration: IEC-68-2-6

5. CE Conformity with Standards:

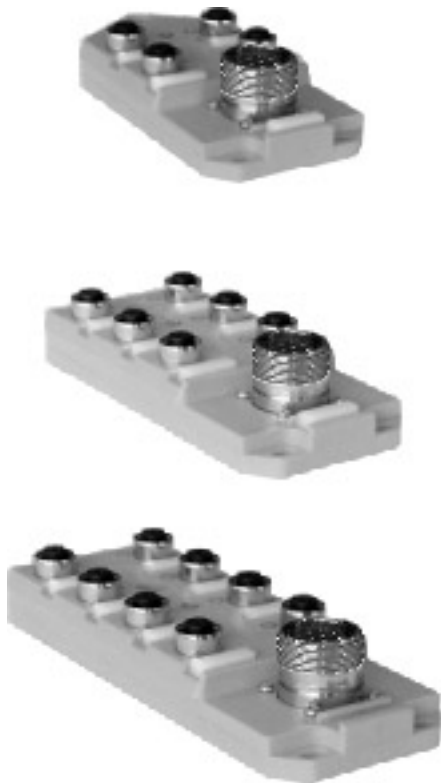
EN50082-1, EN50082-2 and IEC60947-5-2

Order Information

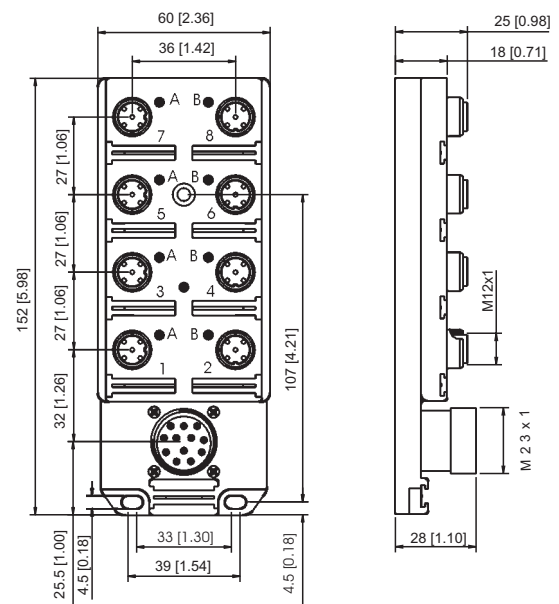
Part Number	Face View Outlets	Connector Face View		Wiring Diagram	
		Poles	Thread	Outlet Pins	Connector Pins
ALTR4-5/4NA-T12			M23x1	1~4/1= 1~4/2= 1~4/3= 1/ 4= 2/ 4= 3/ 4= 4/ 4= 1~4/5=	11 (+) No wire 9 bridged 10 (-) 1 2 3 4 12 (GND)
DLTR6-5/4NA-T12			M23x1	1~6/1= 1~6/2= 1~6/3= 1/ 4= 2/ 4= 3/ 4= 4/ 4= 5/ 4= 6/ 4= 1~6/5=	11 (+) No wire 9 bridged 10 (-) 1 2 3 4 5 6 12 (GND)
DLTR8-5/4NA-T12			M23x1	1~8/1= 1~8/2= 1~8/3= 1/ 4= 2/ 4= 3/ 4= 4/ 4= 5/ 4= 6/ 4= 7/ 4= 8/ 4= 1~8/5=	11 (+) No wire 9 bridged 10 (-) 1 2 3 4 5 6 7 8 12 (GND)

DISTRIBUTION BOXES(DBRT-SERIES)

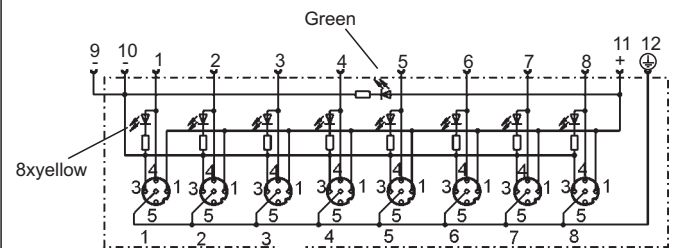
View



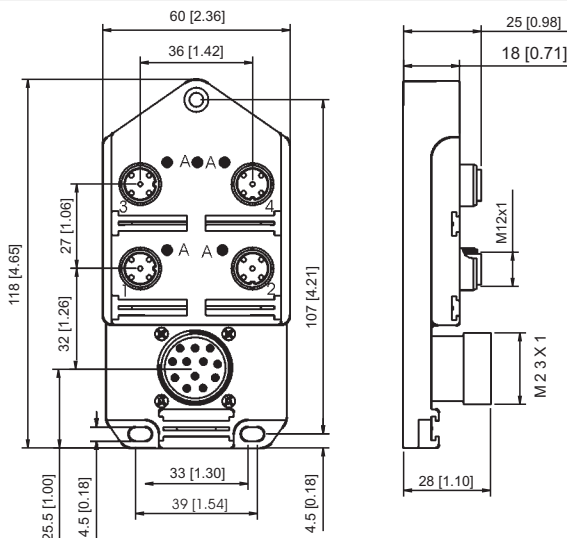
Dimensional data



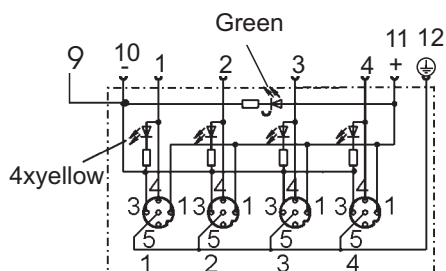
DLTR8-5/4PA-T12



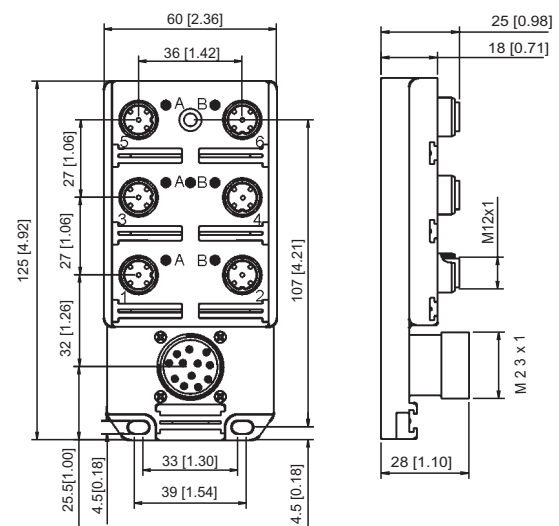
View



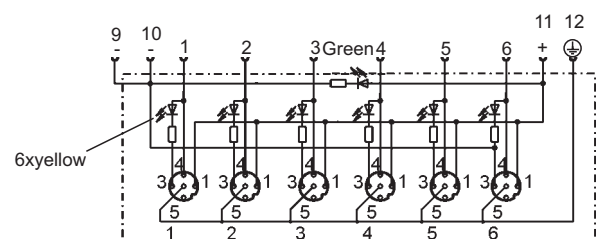
ALTR4-5/4PA-T12



Dimensional data



DLTR6-5/4PA-T12



DISTRIBUTION BOXES (DBRT-SERIES)

Description

Distribution Boxes, 4-6-8 port, Quick Disconnect on Top, and poles were placed by counter-clockwise
5 poles 4 wires, with built-in LED. 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
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: $>10^9 \Omega$

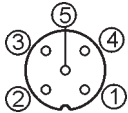
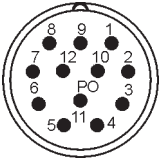
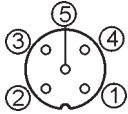
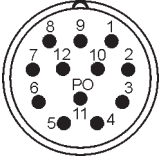
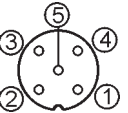
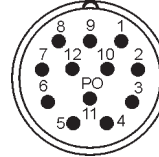
4. Mechanical Data:

Insertion Force
(contact): $\leq 2.0N$ (0.45LBS)
Withdrawal Force
(contact): $\geq 0.5N$ (0.11LBS)
Protection: IP65(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

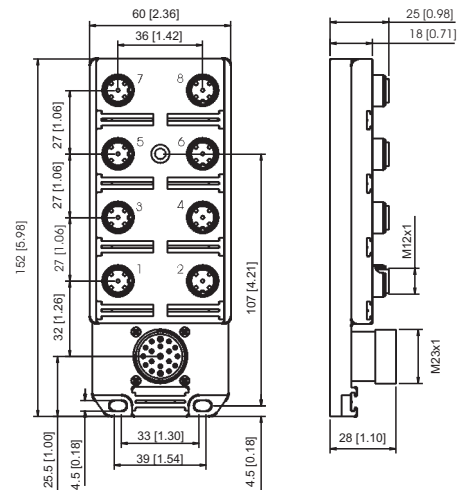
Part Number	Face View Outlets	Connector Face View		Wiring Diagram	
		Poles	Thread	Outlet Pins	Connector Pins
ALTR4-5/4PA-T12			M23x1	1~4/1= 1~4/2= 1~4/3= 1 /4= 2 /4= 3 /4= 4 /4= 1~4/5=	11 (+) No wire 9 bridged 10(-) 1 2 3 4 12 (GND)
DLTR6-5/4PA-T12			M23x1	1~6/1= 1~6/2= 1~6/3= 1 /4= 2 /4= 3 /4= 4 /4= 5 /4= 6 /4= 1~6/5=	11 (+) No wire 9 bridged 10(-) 1 2 3 4 5 6 12 (GND)
DLTR8-5/4PA-T12			M23x1	1~8/1= 1~8/2= 1~8/3= 1 /4= 2 /4= 3 /4= 4 /4= 5 /4= 6 /4= 7 /4= 8 /4= 1~8/5=	11 (+) No wire 9 bridged 10(-) 1 2 3 4 5 6 7 8 12(GND)

DISTRIBUTION BOXES(DBRT-SERIES)

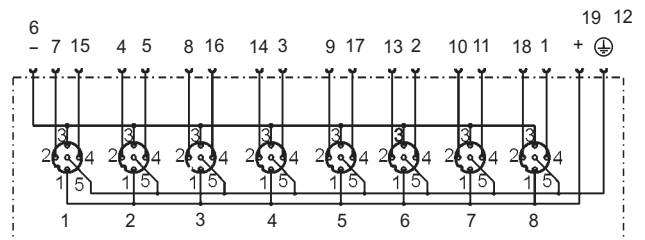
View



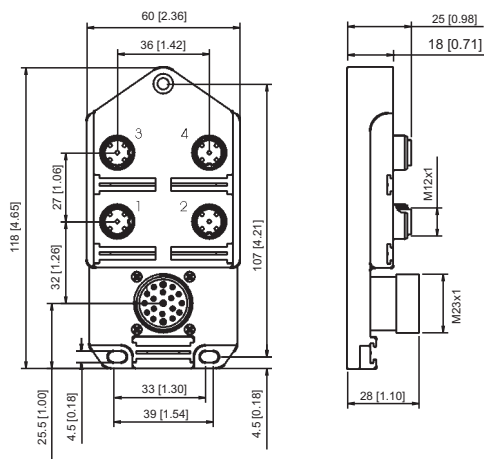
Dimensional data



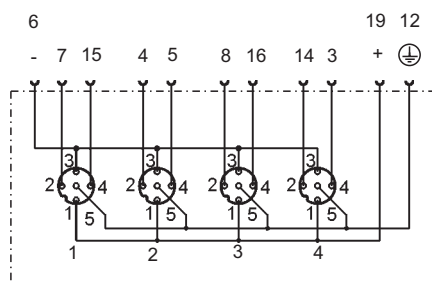
DLTR8-5/5UZ-T19



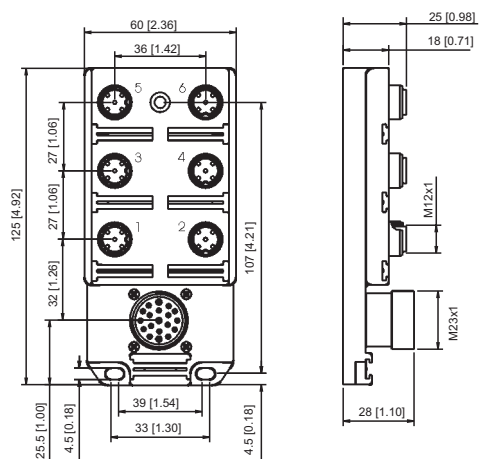
Dimensional data



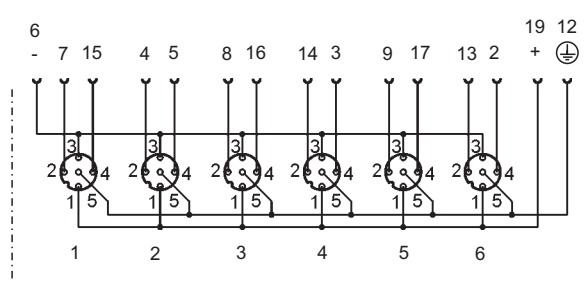
ALTR4-5/5UZ-T19



Dimensional data



DLTR6-5/5UZ-T19



DISTRIBUTION BOXES (DBRT-SERIES)

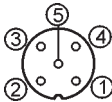
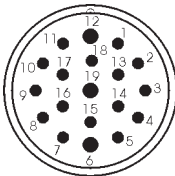
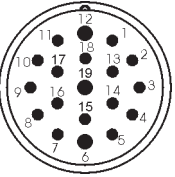
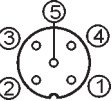
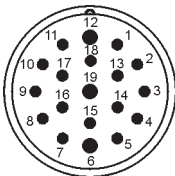
Description

Distribution Boxes, 4-6-8 port, Quick Disconnect on Top, and poles were placed by counter-clockwise
5 poles 5 wires, earth connection, with two dust covers and ten attachable molds

Technical Data

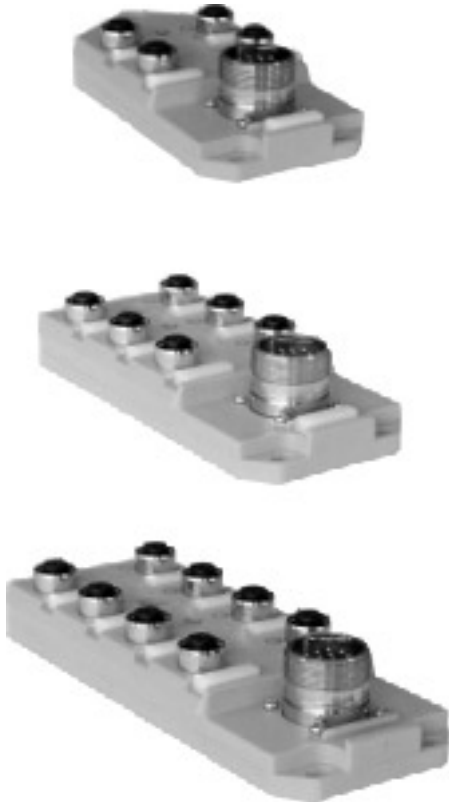
1. Application Class:	-15°C to +90°C	4. Mechanical Data:	
2. Materials:		Insertion Force	
Housing :	Nylon 6/6	(Contact):	≤ 2.0N (45LBS)
Contact:	Brass, gold over nickel plating	Withdrawal Force	
Receptacle Shell:	Brass. Nickel plated	(contact):	≥ 0.5N (11LBS)
Insert:	PUR(polyurethane), black	Protection:	IP65(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:	4Amps per outlet 12 Amp max per box	EN50082-1, EN50082-2 and IEC60947-5-2	
Working Voltage:	60VAC/75VDC		
Insulation Resistance:	>10 ⁹ Ω		

Order Information

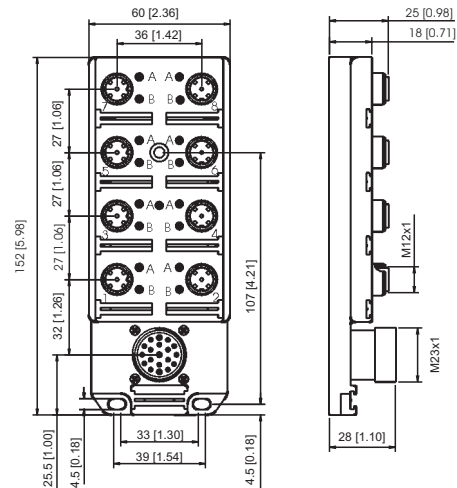
Part Number	Face View Outlets	Poles	Thread	Wiring Diagram	
				Outlet Pins	Connector Pins
ALTR4-5/5UZ-T19			M23x1	1~4/1= 1~4/3= 1/ 2= 2/ 2= 3/ 2= 4/ 2= 1/ 4= 2/ 4= 3/ 4= 4/ 4= 1~4/5=	19 (+) 6 (-) 7 4 8 14 15 5 16 3 12 (GND)
DLTR6-5/5UZ-T19			M23x1	1~6/1= 1~6/3= 1/ 2= 2/ 2= 3/ 2= 4/ 2= 5/ 2= 6/ 2= 1/ 4= 2/ 4= 3/ 4= 4/ 4= 5/ 4= 6/ 4= 1~6/5=	19 (+) 6 (-) 7 4 8 14 9 13 15 5 16 3 17 2 12 (GND)
DLTR8-5/5UZ-T19			M23x1	1~8/1= 1~8/3= 1/ 2= 2/ 2= 3/ 2= 4/ 2= 5/ 2= 6/ 2= 7/ 2= 8/ 2= 1/ 4= 2/ 4= 3/ 4= 4/ 4= 5/ 4= 6/ 4= 7/ 4= 8/ 4= 1~8/5=	19 (+) 6 (-) 7 4 8 14 9 13 10 18 15 5 16 3 17 2 11 1 12 (GND)

DISTRIBUTION BOXES(DBRT-SERIES)

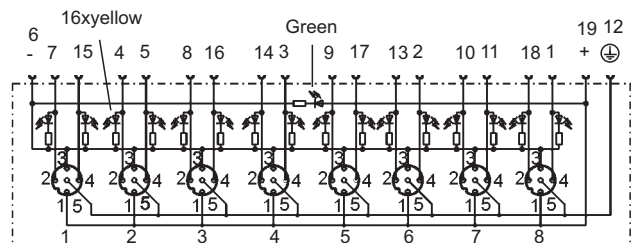
View



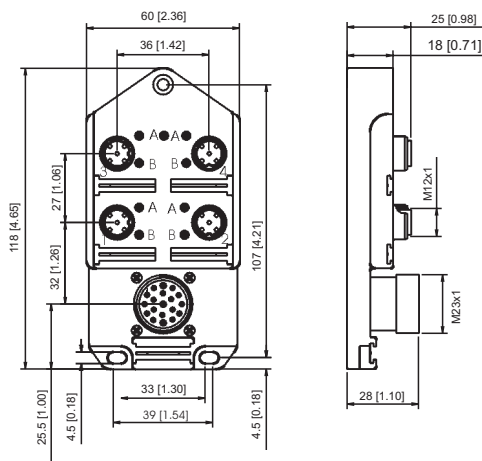
Dimensional data



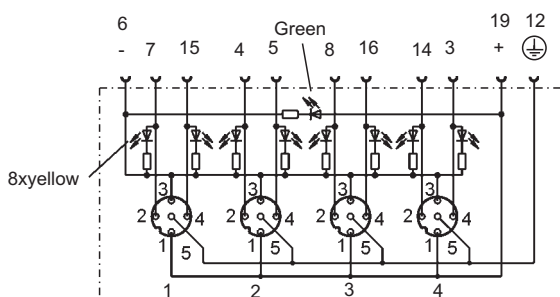
DLTR8-5/5DC-T19



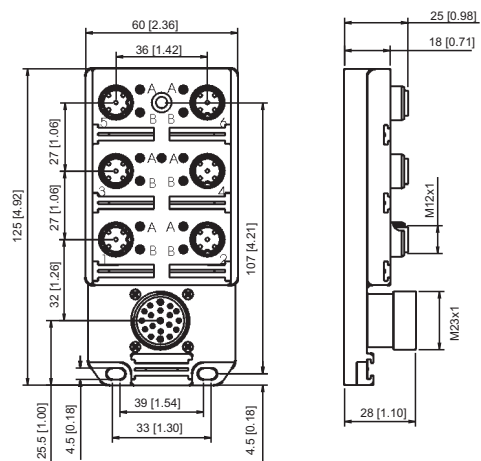
Dimensional data



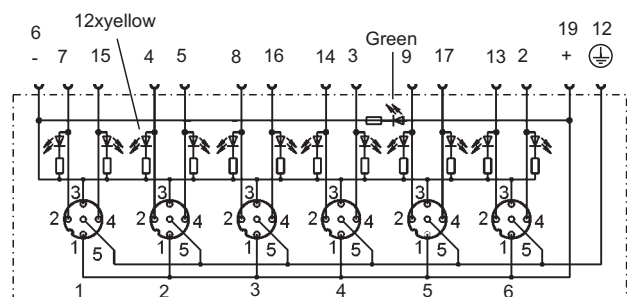
ALTR4-5/5DC-T19



Dimensional data



DLTR6-5/5DC-T19



DISTRIBUTION BOXES (DBRT-SERIES)

Description

Distribution Boxes, 4-6-8 port, Quick Disconnect on Top, and poles were placed by counter-clockwise
5 poles 5 wires, 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
Contact: Brass, gold over nickel plating
Receptacle Shell: Brass, Nickel plated
Insert: PUR (Polyurethane), black
O-Ring: Viton

3. Electrical Data:

Contact Resistance: $\leq 5\text{m}\Omega$
Current Rating: 4Amps per outlet
12 Amp max per box
Working Voltage: 60VAC/75VDC
Insulation Resistance: $>10^9\Omega$

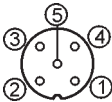
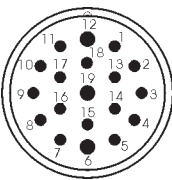
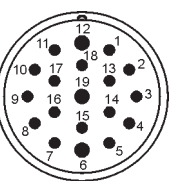
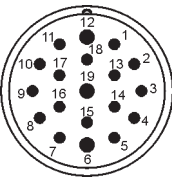
4. Mechanical Data:

Insertion Force
(Contact): $\leq 2.0\text{N}$ (.45LBS)
Withdrawal Force
(contact): $\geq 0.5\text{N}$ (.11LBS)
Protection: IP65 (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

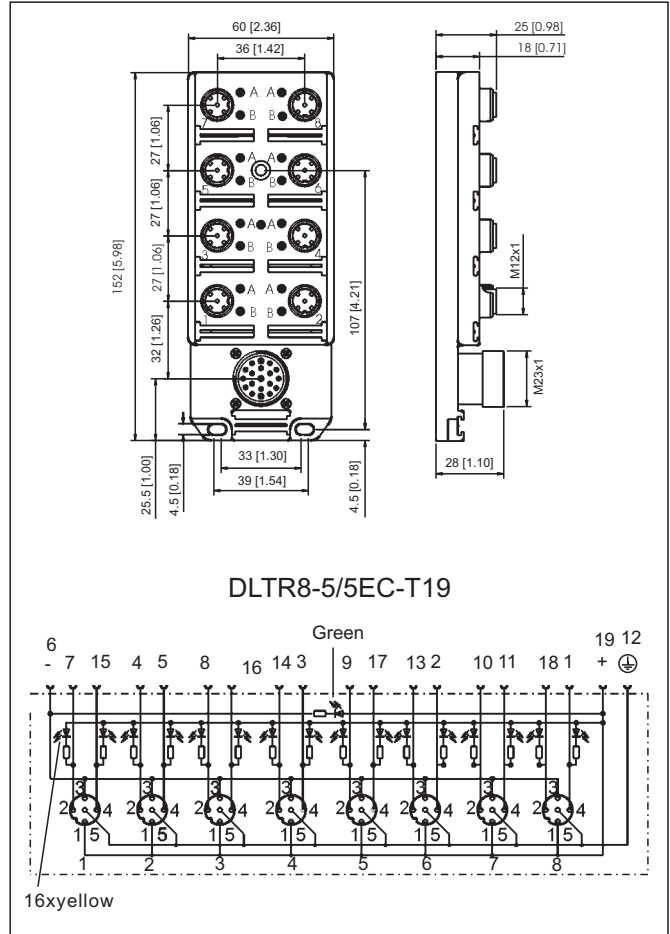
Part Number	Face View Outlets	Poles	Thread	Wiring Diagram	
				Outlet Pins	Connector Pins
ALTR4-5/5DC-T19			M23x1	1~4/1= 19 (+) 1~4/3= 6 (-) 1/ 2= 7 2/ 2= 4 3/ 2= 8 4/ 2= 14 1/ 4= 15 2/ 4= 5 3/ 4= 16 4/ 4= 3 1~4/5= 12 (GND)	
DLTR6-5/5DC-T19			M23x1	1~6/1= 19 (+) 1~6/3= 6 (-) 1/ 2= 7 2/ 2= 4 3/ 2= 8 4/ 2= 14 5/ 2= 9 6/ 2= 13 1/ 4= 15 2/ 4= 5 3/ 4= 16 4/ 4= 3 5/ 4= 17 6/ 4= 2 1~6/5= 12 (GND)	
DLTR8-5/5DC-T19			M23x1	1~8/1= 19 (+) 1~8/3= 6 (-) 1/ 2= 7 2/ 2= 4 3/ 2= 8 4/ 2= 14 5/ 2= 9 6/ 2= 13 7/ 2= 10 8/ 2= 18 1/ 4= 15 2/ 4= 5 3/ 4= 16 4/ 4= 3 5/ 4= 17 6/ 4= 2 7/ 4= 11 8/ 4= 1 1~8/5= 12 (GND)	

DISTRIBUTION BOXES(DBRT-SERIES)

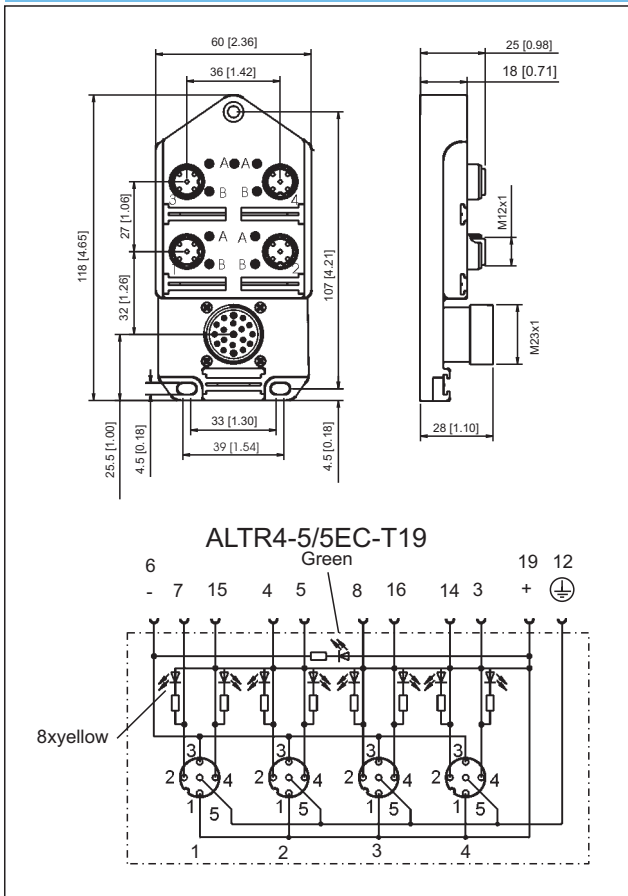
View



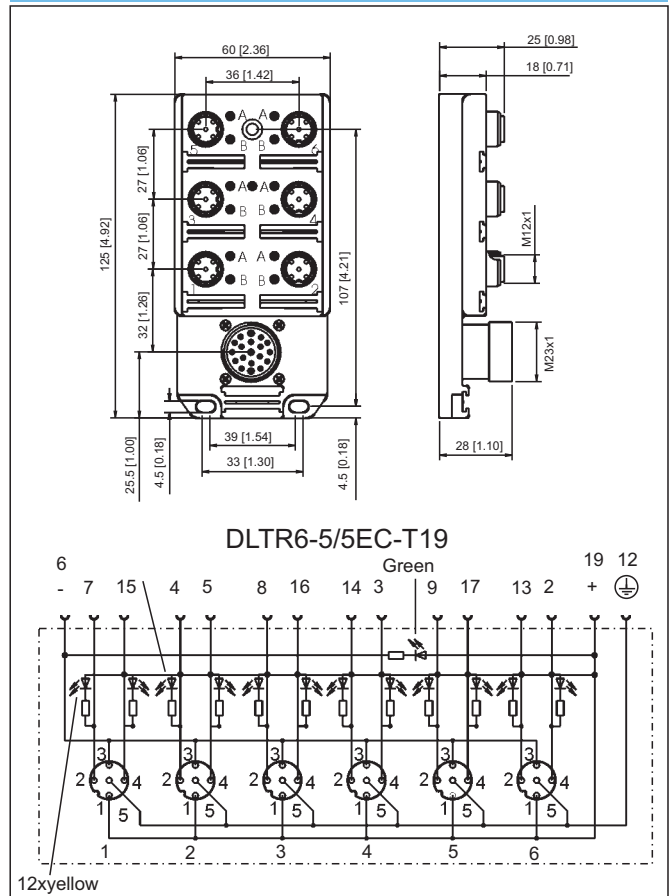
Dimensional data



Dimensional data



Dimensional data



DISTRIBUTION BOXES (DBRT-SERIES)

Description

Distribution Boxes, 4-6-8 port, Quick Disconnect on Top, and poles were placed by counter-clockwise 5 poles 5 wires, 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
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: 4Amps per outlet
12 Amp max per box
Working Voltage: 60VAC/75VDC
Insulation Resistance: $>10^9\ \Omega$

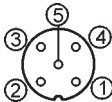
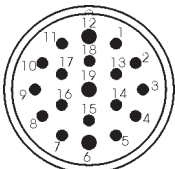
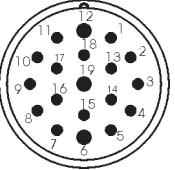
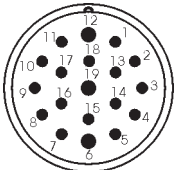
4.Mechanical Data:

Insertion Force
(Contact): $\leq 2.0N$ (.45LBS)
Withdrawal Force
(contact): $\geq 0.5N$ (.11LBS)
Protection: IP65(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	Poles	Thread	Wiring Diagram	
				Outlet Pins	Connector Pins
ALTR4-5/5EC-T19			M23x1	1~4/1= 1~4/3= 1/2= 2/2= 3/2= 4/2= 1/4= 2/4= 3/4= 4/4= 1~4/5=	19 (+) 6 (-) 7 4 8 14 15 5 16 3 12 (GND)
DLTR6-5/5EC-T19			M23x1	1~6/1= 1~6/3= 1/2= 2/2= 3/2= 4/2= 5/2= 6/2= 1/ 4= 2/ 4= 3/ 4= 4/ 4= 5/ 4= 6/ 4= 1~6/ 5=	19 (+) 6 (-) 7 4 8 14 9 13 15 5 16 3 17 2 12 (GND)
DLTR8-5/5EC-T19			M23x1	1~8/1= 1~8/3= 1/ 2= 2/ 2= 3/ 2= 4/ 2= 5/ 2= 6/ 2= 7/ 2= 8/ 2= 1/ 4= 2/ 4= 3/ 4= 4/ 4= 5/ 4= 6/ 4= 7/ 4= 8/ 4= 1~8/5=	19 (+) 6 (-) 7 4 8 14 9 13 10 18 15 5 16 3 17 2 11 1 12 (GND)