



Junction Blocks

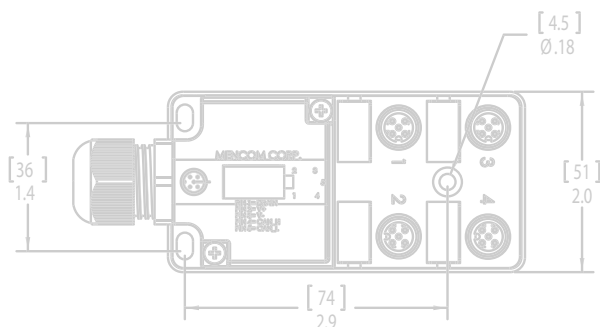
Increase Reliability, Speed Up Installation Process, Reduce Downtime

JIN | JDC | JAC | JAN | DeviceNet

UL File #:
E149111



The industrial automation world is constantly searching for ways to increase installation reliability, speed up the installation process, and reduce down time. Mencom Junction Blocks provide a quick, clean, cost effective solution to help achieve all of those goals.



Features

The basic design of the MIN series, MICRO series, and NAN series of blocks, allows for fast and accurate installation while reducing overall labor.

The MIN series is available in 4, 6, and 8 port configurations. The MIN series is also available in stainless steel.

The Micro series, available for both MDC and MAC connections as well as for DeviceNet applications, sizes from 4–12 ports with and without LED indication.

The NAN series is available with 4, 6 or 8 M8 ports with and without LED indication.

All Mencom junction blocks are IP 67 rated for harsh environments, and are available with a variety of trunk connections.



Junction Blocks

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Junction Blocks

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	6 Port	S-4 ~ S-5		
	8 Port	S-6 ~ S-7		



7/8" JIN Junction Blocks

JIN Junction blocks Part Number Matrix



Not all options available with all junction blocks, please consult factory.

JIN - 0 - -

Housing Material

Blank = Aluminum Alloy
SS = Stainless Steel

Number of Port

4
6
8

Number of Pin

3
4
5
6
8

Length in Meters

000 = No Cable
020 = 2M
050 = 5M
100 = 10M

Other lengths are available by request.

Trunk Connection Type

M = Receptacles
C = Cable

Number of Home Run Conductors

003 = MIN Size I 3 Pin
006 = MIN Size I 6 Pin
008 = MIN Size II 8 Pin
010 = MIN Size III 10 Pin
V10 = Solenoid Valve Connector 10 Pin

JIN Junction Blocks

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7/8" JIN Junction Blocks

4 Port, 3 Pin JIN Junction blocks



Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size I 6 Pole Male Receptacle	JIN-430-006-M000	
	Yellow PVC STOOV 6 x 16 AWG 600V 13.3mm OD	JIN-430-006-C**	

Cables for JIN-430-006-M000

Cables for JIN-430-006-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
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* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a "SS" right after JIN. (e.g. JIN-430-006-M000 becomes JINSS-430-006-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30 °C to +80 °C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit



7/8" JIN Junction Blocks

4 Port, 4 Pin/3 Wire JIN Junction blocks



Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size I 6 Pole Male Receptacle	JIN-440-006-M000	
	Yellow PVC ST00W 6 x 16 AWG 600V 13.3mm OD	JIN-440-006-C**	

Cables for JIN-440-006-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
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* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a "SS" right after JIN. (e.g. JIN-440-006-M000 becomes JINSS-430-006-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit



7/8" JIN Junction Blocks

4 Port, 5 Pin JIN Junction blocks



Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

JIN Junction Blocks

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Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size I 10 Pole Male Receptacle	JIN-450-010-M000	
	Yellow PVC AWM 2661 10 x 18 AWG 300V 10.2mm OD	JIN-450-010-C**	

Cables for JIN-450-010-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
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* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a "SS" right after JIN. (e.g. JIN-450-010-M000 becomes JINSS-450-010-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30 °C to +80 °C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit



7/8" JIN Junction Blocks

6 Port, 3 Pin JIN Junction blocks



Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size II 8 Pole Male Receptacle	JIN-630-008-M000	
	Yellow PVC AWM 2661 8 x 18 AWG 300V 9mm OD	JIN-630-008-C**	

Cables for JIN-630-008-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
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* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a "SS" right after JIN. (e.g. JIN-630-008-M000 becomes JINSS-630-008-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit



7/8" JIN Junction Blocks

6 Port, 4 Pin/3 Wire JIN Junction blocks



Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

JIN Junction Blocks

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size II 8 Pole Male Receptacle	JIN-640-008-M000	
	Yellow PVC AWM 2661 8 x 18 AWG 300V 9mm OD	JIN-640-008-C**	

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Cables for JIN-640-008-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
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* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a "SS" right after JIN. (e.g. JIN-640-008-M000 becomes JINSS-640-008-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit



7/8" JIN Junction Blocks

8 Port, 3 Pin JIN Junction blocks



Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size III 10 Pole Male Receptacle	JIN-830-010-M000	
	Yellow PVC AWM 2661 10 x 18 AWG 300V 10.2mm OD	JIN-830-010-C**	

JIN Junction Blocks

Cables for JIN-830-010-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
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* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a "SS" right after JIN. (e.g. JIN-830-010-M000 becomes JINSS-830-010-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit



7/8" JIN Junction Blocks

8 Port, 4 Pin/3 Wire JIN Junction blocks



Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size III 10 Pole Male Receptacle	JIN-840-010-M000	
	Yellow PVC AWM 2661 10 x 18 AWG 300V 10.2mm OD	JIN-840-010-C**	

JIN Junction Blocks

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Cables for JIN-840-010-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
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* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a "SS" right after JIN. (e.g. JIN-840-010-M000 becomes JINSS-840-010-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30 °C to +80 °C (-22 °F to +176 °F)
Amperage:	4A per Port, 8A per Unit



7/8" JIN Junction Blocks

4 Port, 3 Pin JIN Junction blocks



Series Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size I 3 Pole Male Receptacle	JIN-430-003-M000	
	Yellow PVC ST00W 3 x 16 AWG 600V 9.9mm OD	JIN-430-003-C**	

JIN Junction Blocks

Cables for JIN-430-003-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
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* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

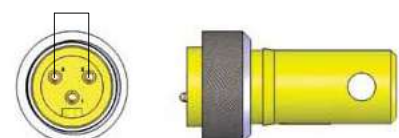
** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a "SS" right after JIN. (e.g. JIN-430-003-M000 becomes JINSS-430-003-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit

Internal jumper
Pin #2 to Pin #3



Jumper plug for use on unused inputs

Jumper Plug Part # MIN-3MP-DP1



7/8" JIN Junction Blocks

6 Port, 3 Pin JIN Junction blocks



Series Wiring | MIN Receptacle & Cable | IP67 Protection Rating

JIN Junction Blocks

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size I 3 Pole Male Receptacle	JIN-630-003-M000	
	Yellow PVC ST00W 3 x 16 AWG 600V 9.9mm OD	JIN-630-003-C**	

Cables for JIN-630-003-M000

Cables for JIN-630-003-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
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* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

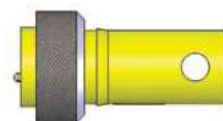
** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a "SS" right after JIN. (e.g. JIN-630-003-M000 becomes JINSS-630-003-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30 °C to +80 °C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit

Internal jumper
Pin #2 to Pin #3



Jumper plug for use on unused inputs

Jumper Plug Part # MIN-3MP-DP1



7/8" JIN Junction Blocks

8 Port, 3 Pin JIN Junction blocks



Series Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size I 3 Pole Male Receptacle	JIN-830-003-M000	
	Yellow PVC STOOW 3 x 16 AWG 600V 9.9mm OD	JIN-830-003-C**	

JIN Junction Blocks

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Cables for JIN-830-003-M000					
Single Ended Home Run Cable		Double Ended Home Run Cable		Female Receptacle	
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* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

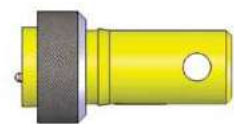
** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a "SS" right after JIN. (e.g. JIN-830-003-M000 becomes JINSS-830-003-M000)

Specifications:

Housing: Black Epoxy Coated Die Cast Aluminum Alloy
Connectors: Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland: Nickel Plated Brass, Polyamide and TPE Inserts
Contacts: Copper Alloy with Gold Plating
Temperature: -30°C to +80°C (-22°F to +176°F)
Amperage: 4A per Port, 8A per Unit

Internal jumper
Pin #2 to Pin #3



Jumper plug for use on unused inputs

Jumper Plug Part # MIN-3MP-DP1



7/8" JIN Junction Blocks

4 Port, 5 Pin JIN Junction blocks



Solenoid Valve Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size III 10 Pole Male Receptacle	JIN-450-V10-M000	
	Yellow PVC AWM 2661 10 x 18 AWG 300V 10.2mm OD	JIN-450-V10-C**	

JIN Junction Blocks

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Cables for JIN-630-003-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
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* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a "SS" right after JIN. (e.g. JIN-630-003-M000 becomes JINSS-630-003-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30 °C to +80 °C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit



Mencom Corporation

no problems, only solutions



Notes:



Notes:



JDC (M12) Junction Blocks

JDC Junction blocks Part Number Matrix



Not all options available with all junction blocks, please consult factory.

JDC - - -

Number of Port

4
6
8
10
12

Number of Pin

3
4
5
A = 5 Pin Straight Wired

LED Transistor Type

O = No LED
P = PNP
N = NPN

Voltage

0 = 120V
2 = 240V

Number of Home Run Conductors

06
07
08
09
10
11
12
13
16
17
19
24
25
28
37

Length in Meters

000 = Field Wireable or Receptacle
003 = 0.3M
020 = 2M
050 = 5M
100 = 10M

Other lengths are available by request.

Trunk Connection Type

M = MIN Connector
F = Field Wireable
C = Cable
D = D-SUB
V = M23 Connector
E = MDC (M12) Connectors

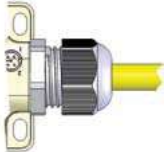
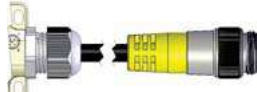
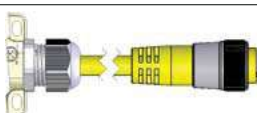
JDC (M12) Junction Blocks

4 Port, 3 Pin JDC Junction blocks

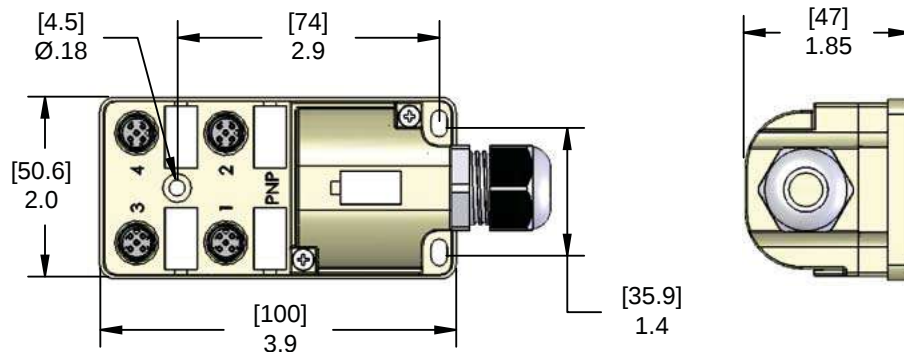


MIN Receptacles | MIN Plug | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Yellow PVC SJTOOW 6 x 18 AWG 9.9mm OD	JDC-430-006-C**	JDC-43P-006-C**	JDC-43N-006-C**
	N/A	MIN Size I 6 Pole Male Receptacle	JDC-430-006-M000	JDC-43P-206-M000	JDC-43N-206-M000
	N/A	MIN Size I 6 Pole Male Plug with Male Thread	JDC-430-006-M003	JDC-43P-206-M003	JDC-43N-206-M003
	N/A	MIN Size I 6 Pole Male Plug	JDC-430-006-M**	JDC-43P-206-M**	JDC-43N-206-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings: 3 A per Connector

8 A per Block

Inserts:

Polvamide

Port Coupling Nuts:

PBT

Voltage: Without LEDs: 0-150 Volt Max

O-Ring:

BUNA-N

With LEDs: 48 VDC Max

LED Lens:

Polycarbonate

in accordance with LED Configuration

Contacts:

Copper Alloy with Gold Plating

Body: Polypropylene

Marker Tags:

Polyamide (supplied on all units)



JDC (M12) Junction Blocks

4 Port, 3 Pin JDC Junction blocks



Min Receptacles | MIN Plug | IP67 Protection Rating



No LED Version	PNP Version	NPN Version

Function	MIN-6MR Receptacles Version	MIN-6MP Plug Version
Male Faceview	 7/8"-16UN2	 7/8"-16UN2
+ V	PIN #6	PIN #6
- V	PIN #3	PIN #3
PORT 1 PIN 4	PIN #2	PIN #2
PORT 2 PIN 4	PIN #1	PIN #1
PORT 3 PIN 4	PIN #5	PIN #5
PORT 4 PIN 4	PIN #4	PIN #4
Mating Plug for Receptacle or Plug	MIN-6FP-*	MIN-6FP-*

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.



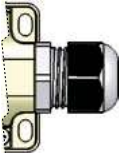
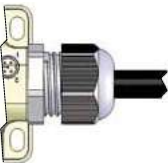
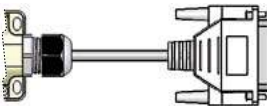
JDC (M12) Junction Blocks

4 Port, 4 Pin JDC Junction blocks

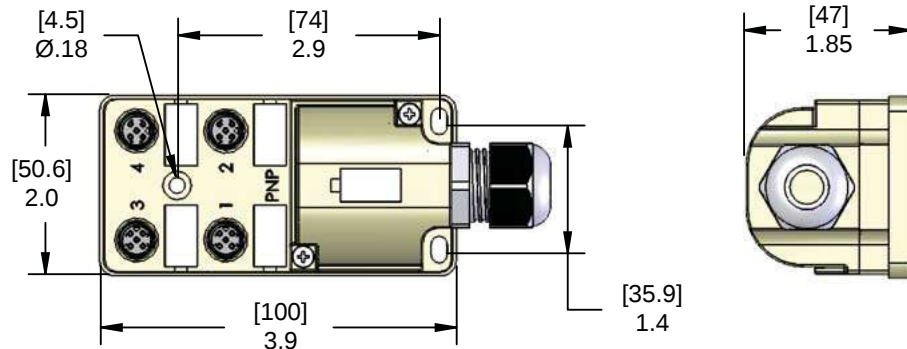


Field Wireable | Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-440-007-F000	JDC-44P-207-F000	JDC-44N-207-F000
	UL Listed	Black PUR AWM With With Foil Shield 22 AWG Drain Wire 3 x 18 AWG 4 x 22 AWG 8.1mm OD	JDC-440-007-C**	JDC-44P-207-C**	JDC-44N-207-C**
	N/A	Gray PVC With With Foil Shield 20 AWG Drain Wire 5 x 24 AWG 4 x 20 AWG	JDC-440-009-D**	JDC-44P-209-D**	JDC-44N-209-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration
Body:	Polypropylene
Inserts:	Polyamide
Port Coupling Nuts:	PBT
O-Ring:	BUNA-N
LED Lens:	Polycarbonate
Contacts:	Copper Alloy with Gold Plating
Marker Tags:	Polyamide (supplied on all units)



JDC (M12) Junction Blocks

4 Port, 4 Pin JDC Junction blocks



Field Wireable | Cable | D-Sub | IP67 Protection Rating



No LED Version	PNP Version	NPN Version

Function	Cable Version	9 PIN MALE D-SUB
	Cable O.D. 0.34"	
+ V	Brown	PIN #6 & #7
- V	Blue	PIN #8 & #9
Ground	Green/Yellow	Shield
PORT 1 PIN 4	White	PIN # 1
PORT 2 PIN 4	Green	PIN #2
PORT 3 PIN 4	Yellow	PIN #3
PORT 4 PIN 4	Gray	PIN #4

JDC Junction Blocks

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JDC (M12) Junction Blocks

4 Port, 4 Pin JDC Junction blocks

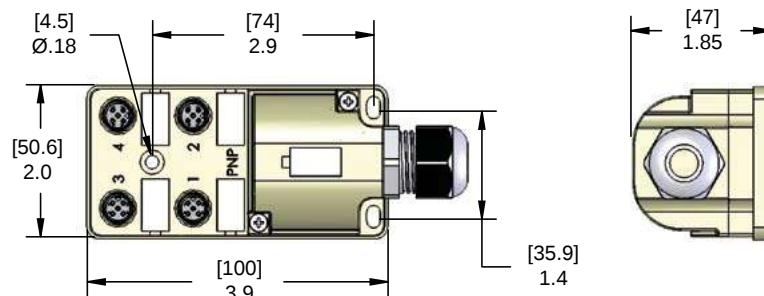


MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size II 7 Pole Male Receptacle	JDC-440-007-M000	JDC-44P-207-M000	JDC-44N-207-M000
	N/A	MIN Size III 12 Pole Male Receptacle	JDC-440-012-M000	JDC-44P-212-M000	JDC-44N-212-M000
	N/A	M23 12 Pole Male Receptacle	JDC-440-012-V000	JDC-44P-212-V000	JDC-44N-212-V000
	N/A	MIN Size II 7 Pole Male Plug with Male Thread	JDC-440-007-M003	JDC-44P-207-M003	JDC-44N-207-M003
	N/A	MIN Size III 12 Pole Male Plug with Male Thread	JDC-440-012-M003	JDC-44P-212-M003	JDC-44N-212-M003
	N/A	MIN Size III 7 Pole Male Plug	JDC-440-007-M**	JDC-44P-207-M**	JDC-44N-207-M**
	N/A	MIN Size III 12 Pole Male Plug	JDC-440-012-M**	JDC-44P-212-M**	JDC-44N-212-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	PBT
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)

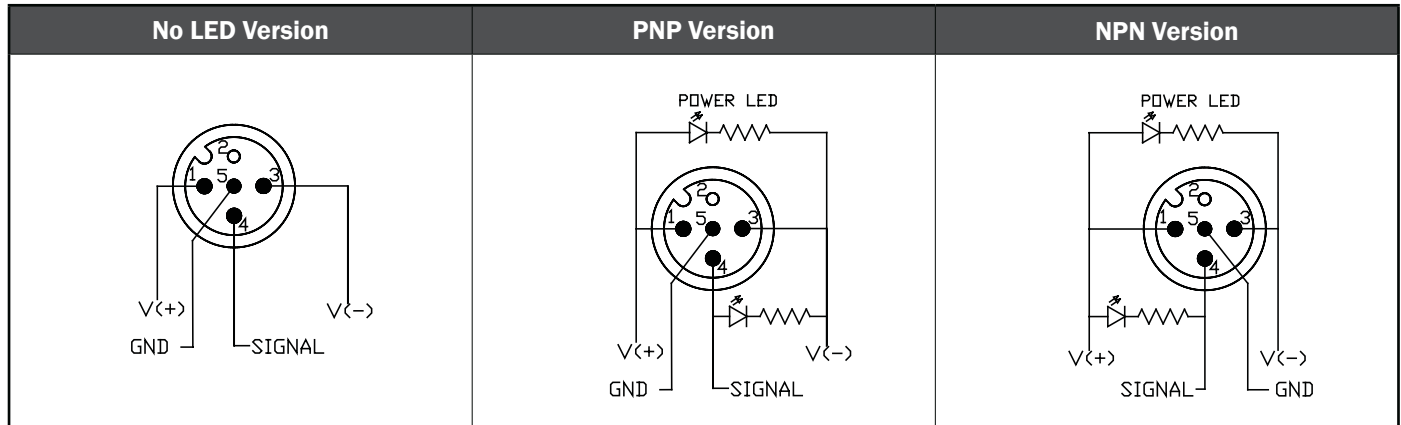


JDC (M12) Junction Blocks

4 Port, 4 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Function	MIN-7 Receptacles & Plug Version	MIN-12 Receptacles & Plug Version	12 PIN M23 Receptacles & Plug Version
Male Faceview	 1"-16UN2	 1.125"-16UN2	 M23 x 1
+ V	PIN #6	PIN #10	PIN #11
- V	PIN #3	PIN #11	PIN #10 & #9
Ground	PIN #7	PIN #9	PIN #12
PORT 1 PIN 4	PIN #2	PIN #1	PIN #1
PORT 2 PIN 4	PIN #1	PIN #2	PIN #2
PORT 3 PIN 4	PIN #5	PIN #3	PIN #3
PORT 4 PIN 4	PIN #4	PIN #4	PIN #4
Mating Plug for Receptacle or Plug	MIN-7FPX-*	MIN-12FP-*	MCV-12FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.



JDC (M12) Junction Blocks

4 Port, 5 Pin JDC Junction blocks

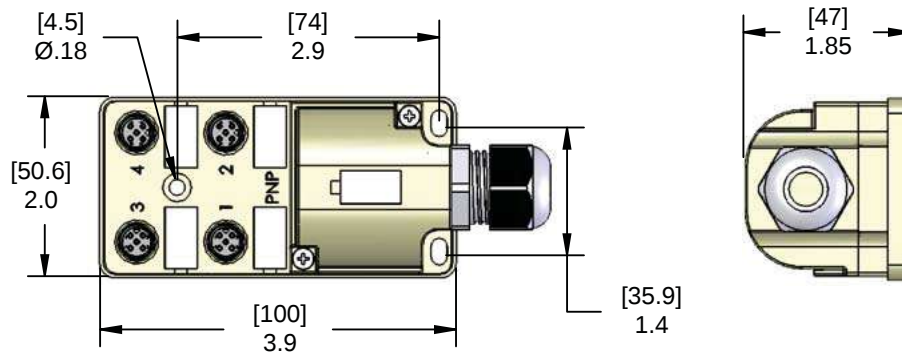


Field Wireable | Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-450-011-F000	JDC-45P-211-F000	JDC-45N-211-F000
	UL Listed	Black PUR AWM With Foil Shield 24 AWG Drain Wire 3 x 18 AWG 4 x 22 AWG 8.6mm OD	JDC-450-011-C**	JDC-45P-211-C**	JDC-45N-211-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-450-025-D**	JDC-45P-225-D**	JDC-45N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings: 3 A per Connector
8 A per Block

Voltage: Without LEDs: 0-150 Volt Max
With LEDs: 48 VDC Max
in accordance with LED Configuration

Body: Polypropylene

Inserts: Polyamide

Port Coupling Nuts: PBT

O-Ring: BUNA-N

LED Lens: Polycarbonate

Contacts: Copper Alloy with Gold Plating

Marker Tags: Polyamide (supplied on all units)

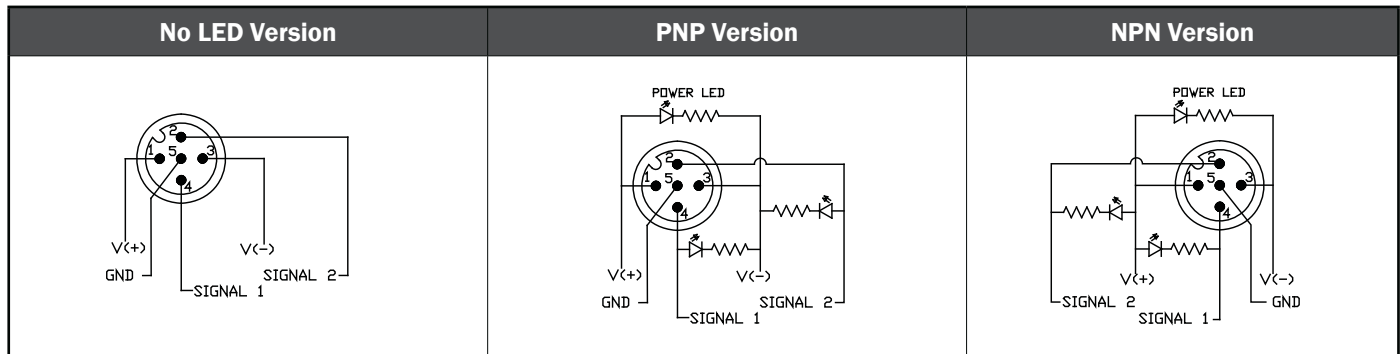


JDC (M12) Junction Blocks

4 Port, 5 Pin JDC Junction blocks



Field Wireable | Cable | D-Sub | IP67 Protection Rating



Function	Cable Version	25 PIN Male D-SUB
	Cable O.D. 0.34"	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 2	Pink	PIN # 1
PORT 1 PIN 4	White	PIN #2
PORT 2 PIN 2	Red	PIN #3
PORT 2 PIN 4	Green	PIN #4
PORT 3 PIN 2	Black	PIN #5
PORT 3 PIN 4	Yellow	PIN #6
PORT 4 PIN 2	Violet	PIN #7
PORT 4 PIN 4	Gray	PIN #8

JDC Junction Blocks

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JDC (M12) Junction Blocks

4 Port, 5 Pin JDC Junction blocks

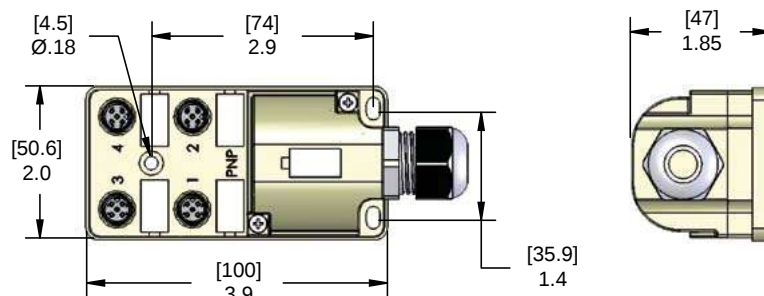


MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 12 Pole Male Receptacle	JDC-450-012-M000	JDC-45P-212-M000	JDC-45N-212-M000
	N/A	MIN Size III 19 Pole Male Receptacle	JDC-450-019-M000	JDC-45P-219-M000	JDC-45N-219-M000
	N/A	M23 19 Pole Male Receptacle	JDC-450-019-V000	JDC-45P-219-V000	JDC-45N-219-V000
	N/A	MIN Size III 12 Pole Male Plug with Male Thread	JDC-450-012-M003	JDC-45P-212-M003	JDC-45N-212-M003
	N/A	MIN Size III 19 Pole Male Plug with Male Thread	JDC-450-019-M003	JDC-45P-219-M003	JDC-45N-219-M003
	N/A	MIN Size III 12 Pole Male Plug	JDC-450-012-M**	JDC-45P-212-M**	JDC-45N-212-M**
	N/A	MIN Size III 19 Pole Male Plug	JDC-450-019-M**	JDC-45P-219-M**	JDC-45N-219-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	PBT
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)

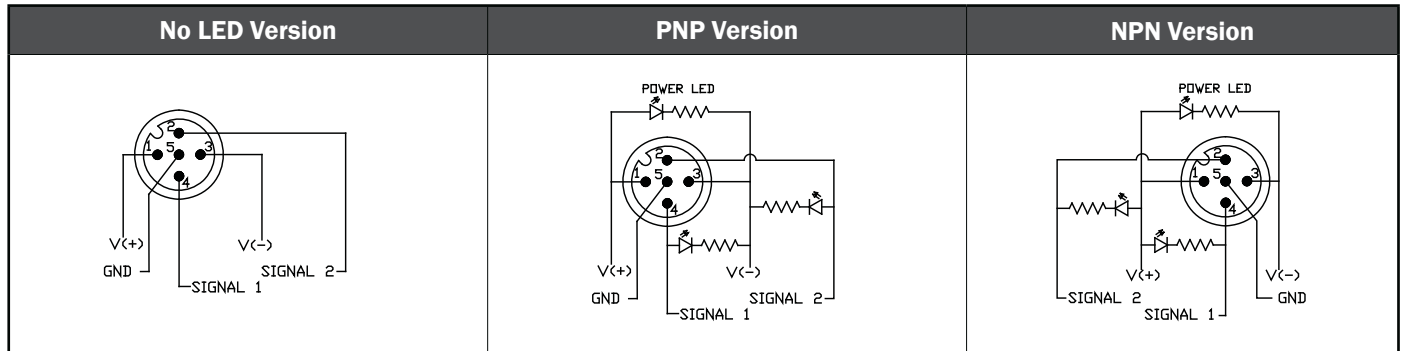


JDC (M12) Junction Blocks

4 Port, 5 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Function	MIN-12 Receptacles & Plug Version	MIN-19 Receptacles & Plug Version	12 PIN M23 Receptacles & Plug Version
Male Faceview	 1.125"-16UN2	 1.125"-16UN2	 M23 x 1
+ V	PIN #10	PIN #7	PIN #19
- V	PIN #11	PIN #5	PIN #6
Ground	PIN #9	PIN #12	PIN #12
PORT 1 PIN 2	PIN #5	PIN #19	PIN #7
PORT 1 PIN 4	PIN #1	PIN #15	PIN #15
PORT 2 PIN 2	PIN #6	PIN #4	PIN #4
PORT 2 PIN 4	PIN #2	PIN #6	PIN #5
PORT 3 PIN 2	PIN #7	PIN #8	PIN #8
PORT 3 PIN 4	PIN #3	PIN #16	PIN #16
PORT 4 PIN 2	PIN #8	PIN #14	PIN #14
PORT 4 PIN 4	PIN #4	PIN #3	PIN #3

JDC Junction Blocks

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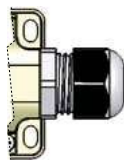
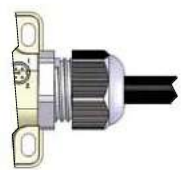
JDC (M12) Junction Blocks

4 Port, 5 Pin JDC Junction blocks

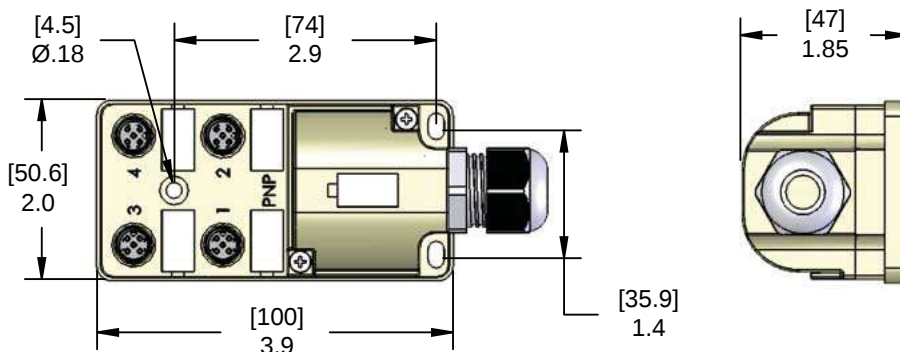


Straight Wired | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-4A0-017-F000
	UL Listed	Black PUR AWM With Foil Shield 22 AWG Drain Wire 3 x 18 AWG 4 x 22 AWG 10.9mm OD	JDC-4A0-017-C**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



JDC Junction Blocks

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Specifications:

Ratings:	3 A per Connector 8 A per Block
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration
Body:	Polypropylene
Inserts:	Polyamide
Port Coupling Nuts:	PBT
O-Ring:	BUNA-N
LED Lens:	Polycarbonate
Contacts:	Copper Alloy with Gold Plating
Marker Tags:	Polyamide (supplied on all units)



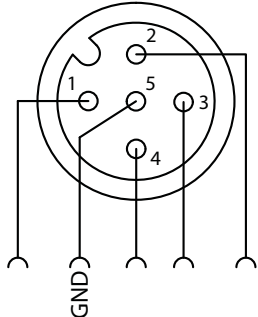
JDC (M12) Junction Blocks

4 Port, 5 Pin JDC Junction blocks



Straight Wired | IP67 Protection Rating



Function	Cable Version	Circuit
	Cable O.D. 0.43"	
ALL PORTS PIN 5	Green/Yellow	
PORT 1 PIN 1	Gray/Pink	
PORT 1 PIN 2	Pink	
PORT 1 PIN 3	Red/Blue	
PORT 1 PIN 4	White	
PORT 2 PIN 1	Brown/Green	
PORT 2 PIN 2	Red	
PORT 2 PIN 3	White/Green	
PORT 2 PIN 4	Green	
PORT 3 PIN 1	Yellow/Brown	
PORT 3 PIN 2	Black	
PORT 3 PIN 3	White/Yellow	
PORT 3 PIN 4	Yellow	
PORT 4 PIN 1	Gray/Brown	
PORT 4 PIN 2	Violet	
PORT 4 PIN 3	White/Gray	
PORT 4 PIN 4	Gray	

JDC Junction Blocks

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JDC (M12) Junction Blocks

6 Port, 3 Pin JDC Junction blocks

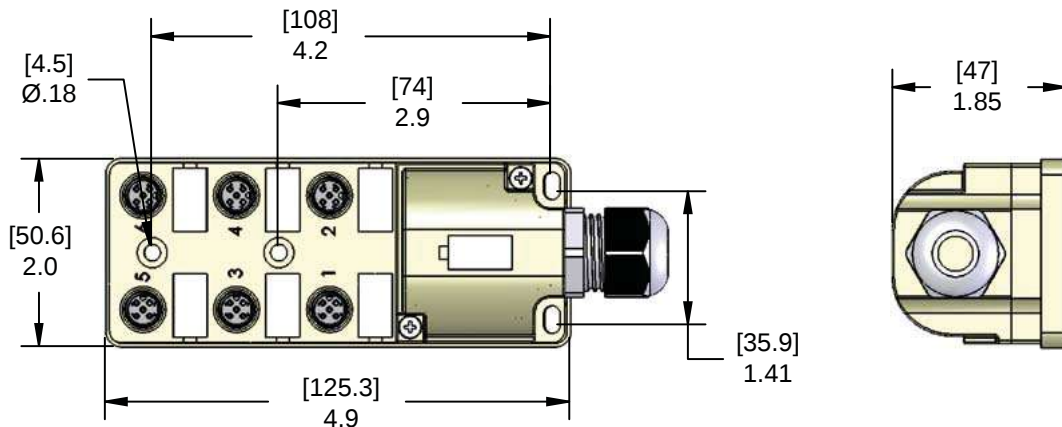


MIN Receptacle | MIN Plug | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size II 8 Pole Male Receptacle	JDC-630-008-M000	JDC-63P-008-M000	JDC-63N-008-M000
	N/A	MIN Size II 8 Pole Male Plug with Male Thread	JDC-630-008-M003	JDC-63P-208-M003	JDC-63N-208-M003
	N/A	MIN Size II 8 Pole Male Plug	JDC-630-008-M**	JDC-63P-208-M**	JDC-63N-208-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration
Body:	Polypropylene
Inserts:	Polyamide
Port Coupling Nuts:	PBT
O-Ring:	BUNA-N
LED Lens:	Polycarbonate
Contacts:	Copper Alloy with Gold Plating
Marker Tags:	Polyamide (supplied on all units)



JDC (M12) Junction Blocks

6 Port, 3 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | IP67 Protection Rating

No LED Version	PNP Version	NPN Version

Function	MIN-8MR Receptacles Version	MIN-8MP Plug Version
Male Faceview	 1"-16UN2	 1"-16UN2
+ V	PIN #8	PIN #8
- V	PIN #7	PIN #7
PORT 1 PIN 4	PIN #6	PIN #6
PORT 2 PIN 4	PIN #5	PIN #5
PORT 3 PIN 4	PIN #4	PIN #4
PORT 4 PIN 4	PIN #3	PIN #3
PORT 5 PIN 4	PIN #2	PIN #2
PORT 6 PIN 4	PIN #1	PIN #1
Mating Plug for Receptacle or Plug	MIN-8FPX-*	MIN-8FP-*

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

JDC Junction Blocks

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JDC (M12) Junction Blocks

6 Port, 4 Pin JDC Junction blocks

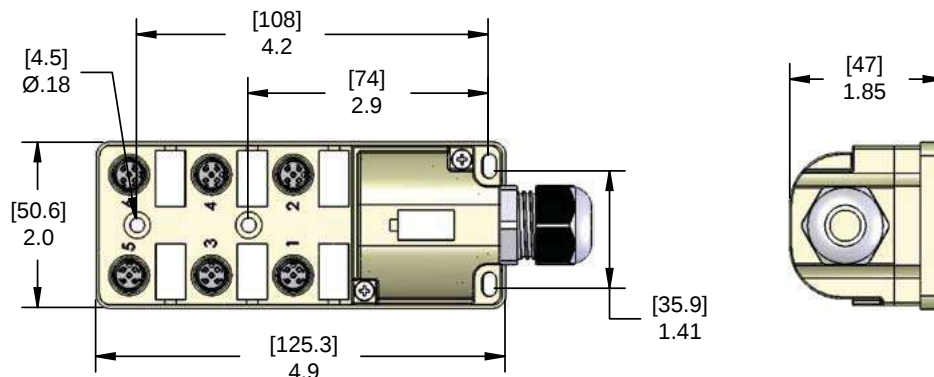


Field Wireable | Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-640-009-F000	JDC-64P-209-F000	JDC-64N-209-F000
	UL Listed	Black PUR AWM With Foil Shield 24 AWG Drain Wire 3 x 18 AWG 6 x 22 AWG 7.9mm OD	JDC-640-009-C**	JDC-64P-209-C**	JDC-64N-209-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 5 x 24 AWG 4 x 20 AWG	JDC-640-009-D**	JDC-64P-209-D**	JDC-64N-209-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration
Body:	Polypropylene
Inserts:	Polyamide
Port Coupling Nuts:	PBT
O-Ring:	BUNA-N
LED Lens:	Polycarbonate
Contacts:	Copper Alloy with Gold Plating
Marker Tags:	Polyamide (supplied on all units)



JDC (M12) Junction Blocks

6 Port, 4 Pin JDC Junction blocks



Field Wireable | Cable | D-Sub | IP67 Protection Rating



No LED Version	PNP Version	NPN Version

Function	Cable Version	9 PIN MALE D-SUB
	Cable O.D. 0.35"	
+ V	Brown	PIN #7 & #8
- V	Blue	PIN #9
Ground	Green/Yellow	Shield
PORT 1 PIN 4	White	PIN # 1
PORT 2 PIN 4	Green	PIN #2
PORT 3 PIN 4	Yellow	PIN #3
PORT 4 PIN 4	Gray	PIN #4
PORT 5 PIN 4	Pink	PIN #5
PORT 6 PIN 4	Red	PIN #6

JDC Junction Blocks

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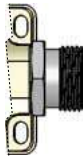
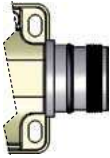
JDC (M12) Junction Blocks

6 Port, 4 Pin JDC Junction blocks

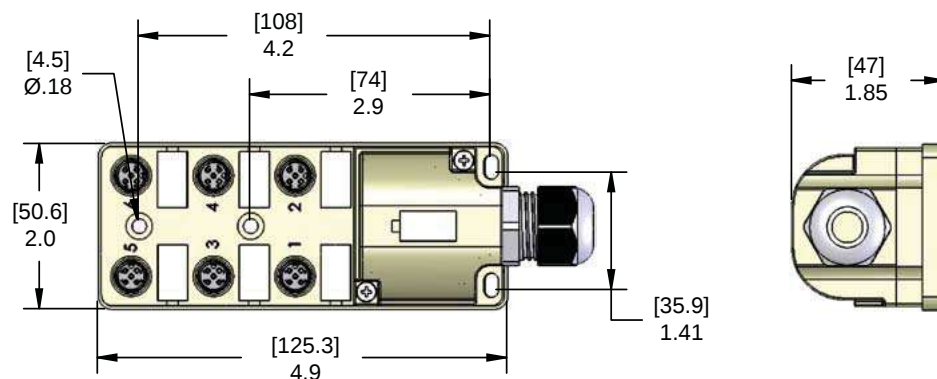


MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 9 Pole Male Receptacle	JDC-640-009-M000	JDC-64P-209-M000	JDC-64N-209-M000
	N/A	M23 12 Pole Male Receptacle	JDC-640-012-V000	JDC-64P-212-V000	JDC-64N-212-V000
	N/A	MIN Size III 9 Pole Male Plug with Male Thread	JDC-640-009-M003	JDC-64P-209-M003	JDC-64N-209-M003
	N/A	MIN Size III 9 Pole Male Plug	JDC-640-009-M**	JDC-64P-209-M**	JDC-64N-209-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration
Body:	Polypropylene
Inserts:	Polyamide
Port Coupling Nuts:	PBT
O-Ring:	BUNA-N
LED Lens:	Polycarbonate
Contacts:	Copper Alloy with Gold Plating
Marker Tags:	Polyamide (supplied on all units)



JDC (M12) Junction Blocks

6 Port, 4 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating

No LED Version	PNP Version	NPN Version

Function	MIN-9 Receptacles & Plug Version	12 PIN M23 Receptacles & Plug Version
Male Faceview	 1.125"-16UN2	 1.125"-16UN2
+ V	PIN #8	PIN #11
- V	PIN #9	PIN #9 & #10
Ground	PIN #7	PIN #12
PORT 1 PIN 4	PIN #1	PIN #1
PORT 2 PIN 4	PIN #2	PIN #2
PORT 3 PIN 4	PIN #3	PIN #3
PORT 4 PIN 4	PIN #4	PIN #4
PORT 5 PIN 4	PIN #5	PIN #5
PORT 6 PIN 4	PIN #6	PIN #6
Mating Plug for Receptacle or Plug	MIN-9FPX-*	MCV-12FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

JDC Junction Blocks

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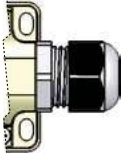
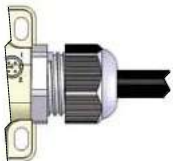
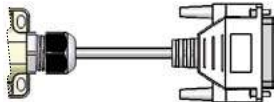
JDC (M12) Junction Blocks

6 Port, 5 Pin JDC Junction blocks

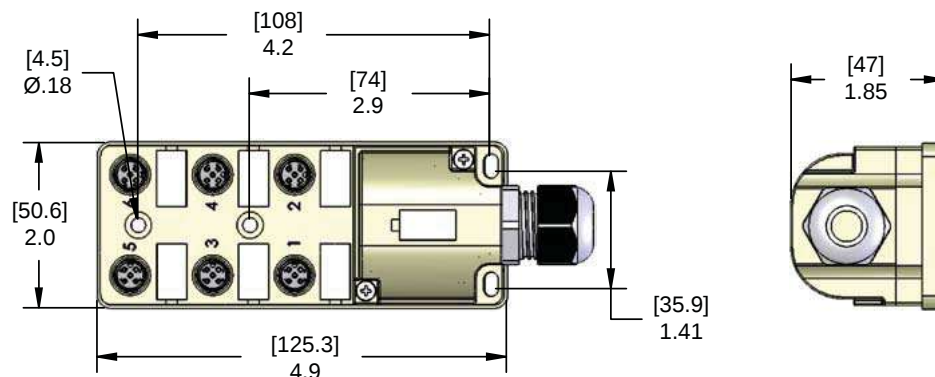


Field Wireable | Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-650-015-F000	JDC-65P-215-F000	JDC-65N-215-F000
	UL Listed	Black PUR AWM With Foil Shield 22 AWG Drain Wire 3 x 18 AWG 12 x 22 AWG 9.4mm OD	JDC-650-015-C**	JDC-65P-215-C**	JDC-65N-215-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-650-025-D**	JDC-65P-225-D**	JDC-65N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration
Body:	Polypropylene
Inserts:	Polyamide
Port Coupling Nuts:	PBT
O-Ring:	BUNA-N
LED Lens:	Polycarbonate
Contacts:	Copper Alloy with Gold Plating
Marker Tags:	Polyamide (supplied on all units)

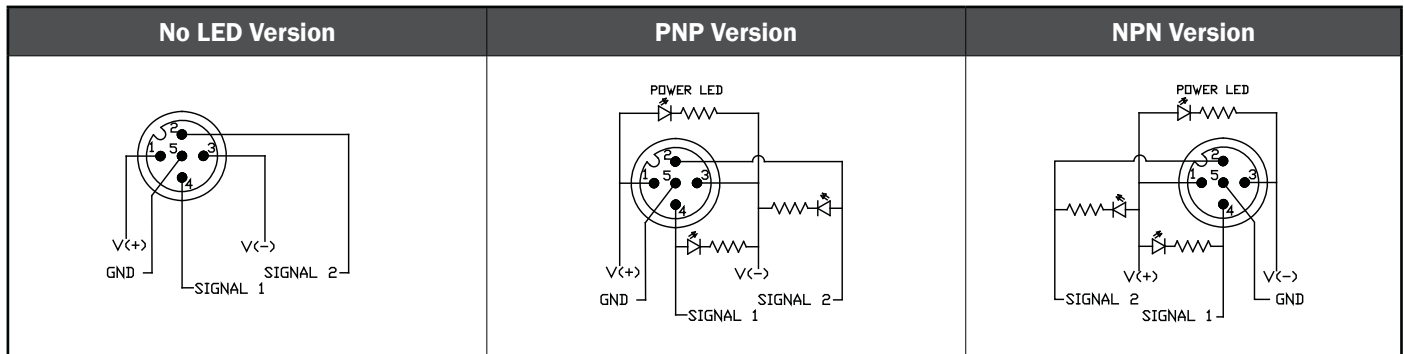


JDC (M12) Junction Blocks

6 Port, 5 Pin JDC Junction blocks



Field Wireable | Cable | D-Sub | IP67 Protection Rating



Function	Cable Version	25 PIN Male D-SUB
	Cable O.D. 0.40"	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 2	Gray/Pink	PIN #2
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 2	Red/Blue	PIN #4
PORT 2 PIN 4	Green	PIN #3
PORT 3 PIN 2	White/Green	PIN #6
PORT 3 PIN 4	Yellow	PIN #5
PORT 4 PIN 2	Brown/Green	PIN #8
PORT 4 PIN 4	Gray	PIN #7
PORT 5 PIN 2	White/Yellow	PIN #10
PORT 5 PIN 4	Pink	PIN #9
PORT 6 PIN 2	Yellow/Brown	PIN #12
PORT 6 PIN 4	Red	PIN #11

JDC Junction Blocks

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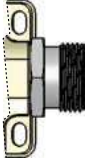
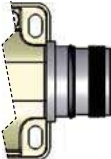
JDC (M12) Junction Blocks

6 Port, 5 Pin JDC Junction blocks

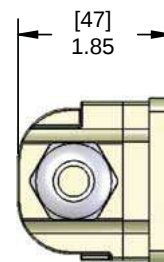
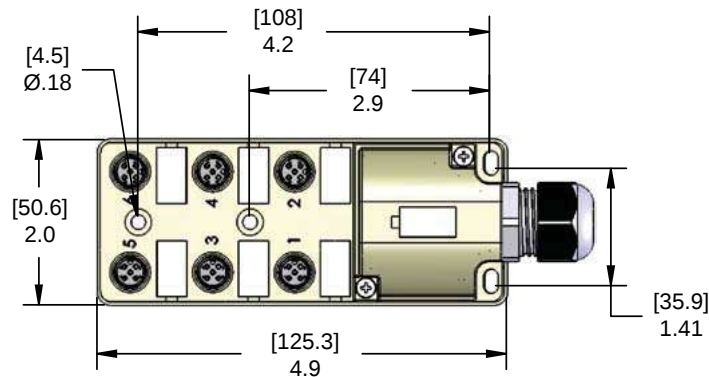


MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 19 Pole Male Receptacle	JDC-650-019-M000	JDC-65P-219-M000	JDC-65N-219-M000
	N/A	M23 19 Pole Male Receptacle	JDC-650-019-V000	JDC-65P-219-V000	JDC-65N-219-V000
	N/A	MIN Size III 19 Pole Male Plug with Male Thread	JDC-650-019-M003	JDC-65P-219-M003	JDC-65N-219-M003
	N/A	MIN Size III 19 Pole Male Plug	JDC-650-019-M**	JDC-65P-219-M**	JDC-65N-219-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	PBT
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)



JDC (M12) Junction Blocks

6 Port, 5 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating

No LED Version	PNP Version	NPN Version

Function	MIN-19 Receptacles & Plug Version	19 PIN M23 Receptacles & Plug Version
Male Faceview		
	M23 x 1	M23 x 1
+ V	PIN #7	PIN #19
- V	PIN #5	PIN #6
Ground	PIN #12	PIN #12
PORT 1 PIN 2	PIN #19	PIN #7
PORT 1 PIN 4	PIN #15	PIN #15
PORT 2 PIN 2	PIN #4	PIN #4
PORT 2 PIN 4	PIN #6	PIN #5
PORT 3 PIN 2	PIN #8	PIN #8
PORT 3 PIN 4	PIN #16	PIN #16
PORT 4 PIN 2	PIN #14	PIN #14
PORT 4 PIN 4	PIN #3	PIN #3
PORT 5 PIN 2	PIN #8	PIN #8
PORT 5 PIN 4	PIN #16	PIN #16
PORT 6 PIN 2	PIN #14	PIN #14
PORT 6 PIN 4	PIN #3	PIN #3
Mating Plug for Receptacle or Plug	MINP-19FP-*	MCV-19FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

JDC Junction Blocks

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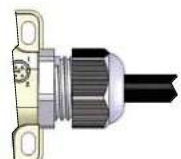
JDC (M12) Junction Blocks

6 Port, 5 Pin JDC Junction blocks

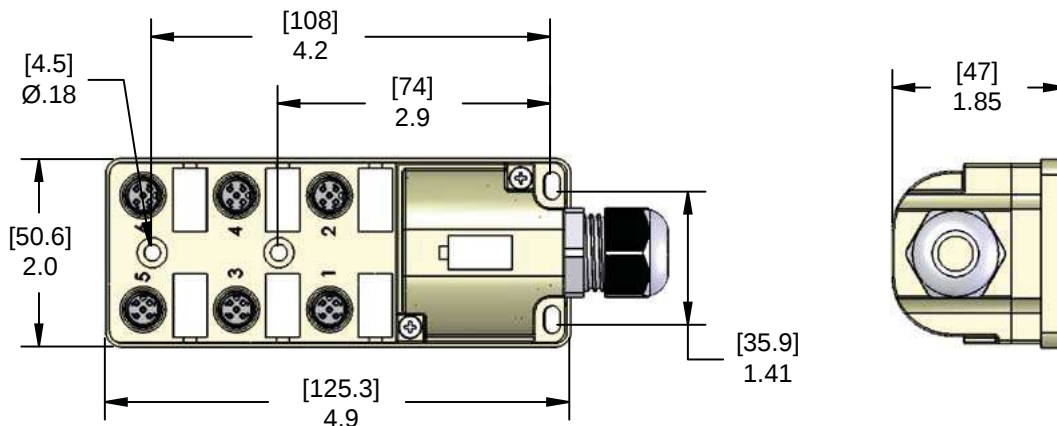


Straight Wired | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-6A0-025-F000
	UL Listed	Black PUR AWM With Foil Shield 24 AWG Drain Wire 4 x 18 AWG 24 x 22 AWG 12.4mm OD	JDC-6A0-025-C**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



JDC Junction Blocks

Q

Specifications:

Ratings:	3 A per Connector 8 A per Block
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration
Body:	Polypropylene
Inserts:	Polyamide
Port Coupling Nuts:	PBT
O-Ring:	BUNA-N
LED Lens:	Polycarbonate
Contacts:	Copper Alloy with Gold Plating
Marker Tags:	Polyamide (supplied on all units)



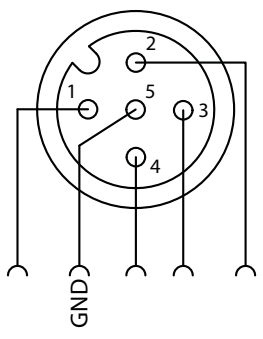
JDC (M12) Junction Blocks

6 Port, 5 Pin JDC Junction blocks



Straight Wired | IP67 Protection Rating



Function	Cable Version	Circuit
	Cable O.D. 0.50"	
ALL PORTS PIN 5	Green/Yellow	
PORT 1 PIN 1	Brown/Black	
PORT 1 PIN 2	White/Blue	
PORT 1 PIN 3	White/Black	
PORT 1 PIN 4	White	
PORT 2 PIN 1	Brown/Green	
PORT 2 PIN 2	White/Green	
PORT 2 PIN 3	Brown/Blue	
PORT 2 PIN 4	Green	
PORT 3 PIN 1	Yellow/Brown	
PORT 3 PIN 2	White/Yellow	
PORT 3 PIN 3	Black	
PORT 3 PIN 4	Yellow	
PORT 4 PIN 1	Gray/Brown	
PORT 4 PIN 2	Violet	
PORT 4 PIN 3	Gray/Pink	
PORT 4 PIN 4	Gray	
PORT 5 PIN 1	Pink/Brown	
PORT 5 PIN 2	White/Pink	
PORT 5 PIN 3	Violet	
PORT 5 PIN 4	Pink	
PORT 6 PIN 1	Brown/Red	
PORT 6 PIN 2	White/Red	
PORT 6 PIN 3	Red/Blue	
PORT 6 PIN 4	Red	

JDC Junction Blocks

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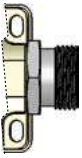
JDC (M12) Junction Blocks

8 Port, 3 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | IP67 Protection Rating

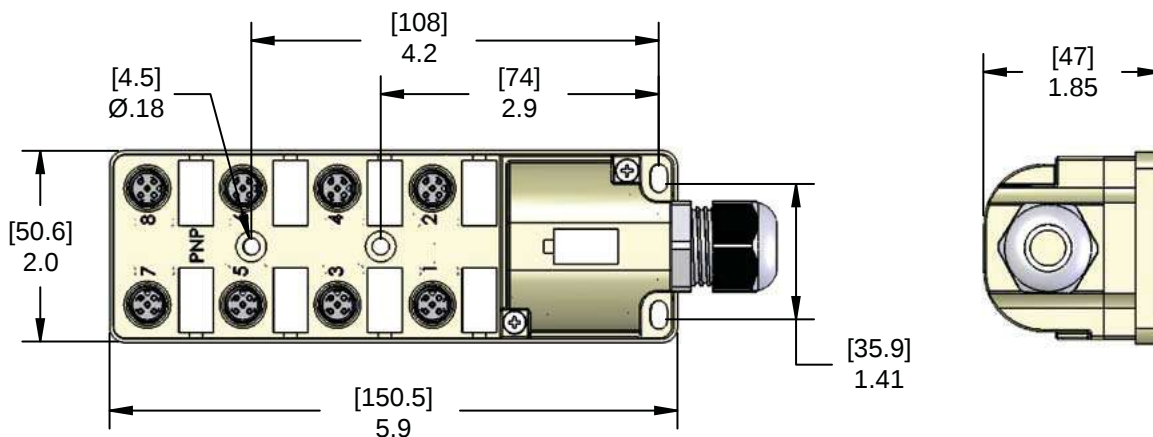


Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 10 Pole Male Receptacle	JDC-830-010-M000	JDC-83P-210-M000	JDC-83N-210-M000
	N/A	MIN Size III 10 Pole Male Plug with Male Thread	JDC-830-010-M003	JDC-83P-210-M003	JDC-83N-210-M003
	N/A	MIN Size III 10 Pole Male Plug	JDC-830-010-M**	JDC-83P-210-M**	JDC-83N-210-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.

JDC Junction Blocks

Q



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	PBT
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)



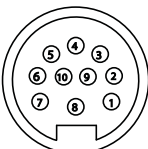
JDC (M12) Junction Blocks

8 Port, 3 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | IP67 Protection Rating

No LED Version	PNP Version	NPN Version

Function	MIN-10 Receptacles & Plug Version
Male Faceview	 1.125\"-16UN2
+ V	PIN #10
- V	PIN #8
PORT 1 PIN 4	PIN #7
PORT 2 PIN 4	PIN #6
PORT 3 PIN 4	PIN #5
PORT 4 PIN 4	PIN #4
PORT 5 PIN 4	PIN #3
PORT 6 PIN 4	PIN #2
PORT 7 PIN 4	PIN #1
PORT 8 PIN 4	PIN #9
Mating Plug for Receptacle or Plug	MIN-10FPX-*

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

JDC Junction Blocks

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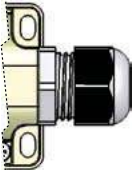
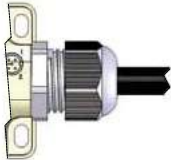
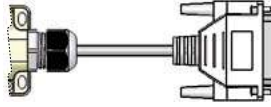
JDC (M12) Junction Blocks

8 Port, 4 Pin JDC Junction blocks

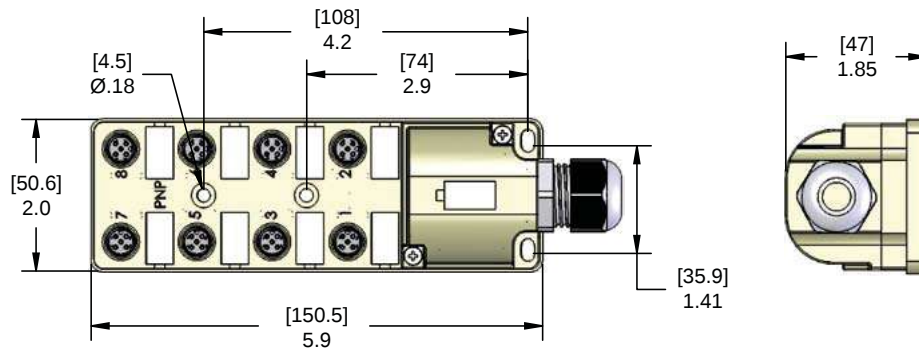


Field Wireable | Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-840-011-F000	JDC-84P-211-F000	JDC-84N-211-F000
	UL Listed	Black PUR AWM With Foil Shield 24 AWG Drain Wire 3 x 18 AWG 8 x 22 AWG 8.6mm OD	JDC-840-011-C**	JDC-84P-211-C**	JDC-84N-211-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-840-025-D**	JDC-84P-225-D**	JDC-84N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	PBT
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)

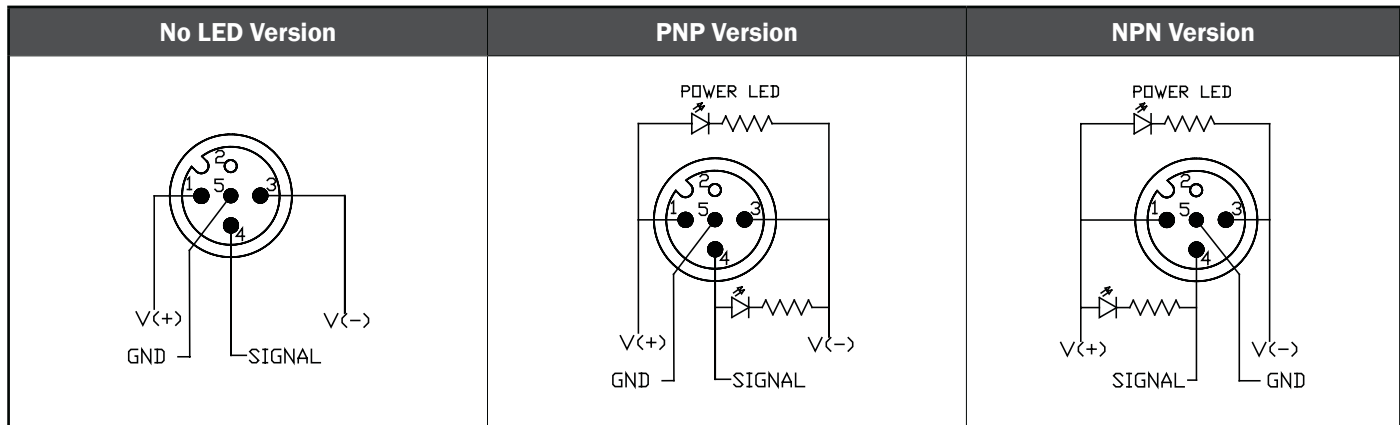


JDC (M12) Junction Blocks

8 Port, 4 Pin JDC Junction blocks



Field Wireable | Cable | D-Sub | IP67 Protection Rating



Function	Cable Version	25 PIN Male D-SUB
	Cable O.D. 0.35"	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 4	Green	PIN #2
PORT 3 PIN 4	Yellow	PIN #3
PORT 4 PIN 4	Gray	PIN #4
PORT 5 PIN 4	Pink	PIN #5
PORT 6 PIN 4	Red	PIN #6
PORT 7 PIN 4	Black	PIN #7
PORT 8 PIN 4	Violet	PIN #8

JDC Junction Blocks

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JDC (M12) Junction Blocks

8 Port, 4 Pin JDC Junction blocks

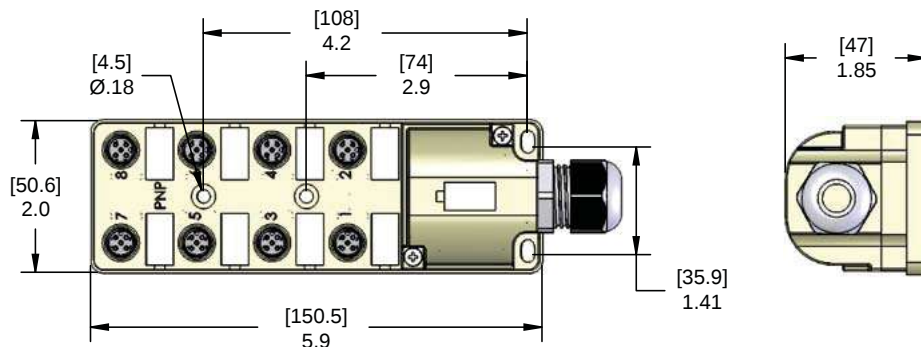


MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 12 Pole Male Receptacle	JDC-840-012-M000	JDC-84P-212-M000	JDC-84N-212-M000
	N/A	M23 12 Pole Male Receptacle	JDC-840-012-V000	JDC-84P-212-V000	JDC-84N-212-V000
	N/A	MIN Size III 12 Pole Male Plug with Male Thread	JDC-840-012-M003	JDC-84P-212-M003	JDC-84N-212-M003
	N/A	MIN Size III 12 Pole Male Plug	JDC-840-012-M**	JDC-84P-212-M**	JDC-84N-212-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	PBT
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)

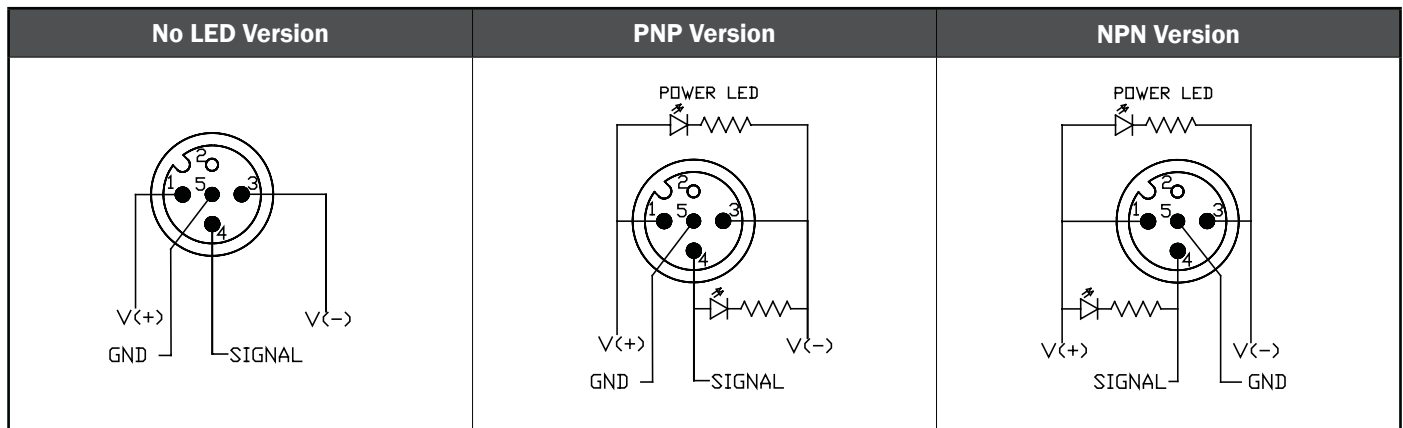


JDC (M12) Junction Blocks

8 Port, 4 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Function	MIN-12 Receptacles & Plug Version	12 PIN M23 Receptacles & Plug Version
Male Faceview	 1.125"-16UN2	 M23 x 1
+ V	PIN #10	PIN #11
- V	PIN #11	PIN #9 & PIN #10
Ground	PIN #9	PIN #12
PORT 1 PIN 4	PIN #1	PIN #1
PORT 2 PIN 4	PIN #2	PIN #2
PORT 3 PIN 4	PIN #3	PIN #3
PORT 4 PIN 4	PIN #4	PIN #4
PORT 5 PIN 4	PIN #5	PIN #5
PORT 6 PIN 4	PIN #6	PIN #6
PORT 7 PIN 4	PIN #7	PIN #7
PORT 8 PIN 4	PIN #8	PIN #8
Mating Plug for Receptacle or Plug	MINP-12FPX-*	MCV-12FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.



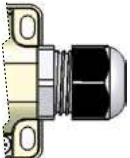
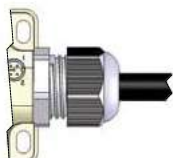
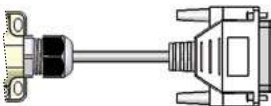
JDC (M12) Junction Blocks

8 Port, 5 Pin JDC Junction blocks

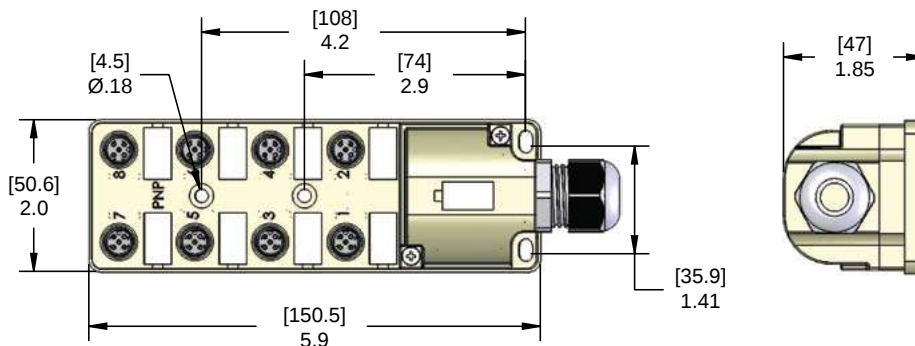


Field Wireable | Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-850-019-F000	JDC-85P-219-F000	JDC-85N-219-F000
	UL Listed	Black PUR AWM With Foil Shield 24 AWG Drain Wire 3 x 18 AWG 16 x 22 AWG 10.9mm OD	JDC-850-019-C**	JDC-85P-219-C**	JDC-85N-219-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-850-025-D**	JDC-85P-225-D**	JDC-85N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration
Body:	Polypropylene
Inserts:	Polyamide
Port Coupling Nuts:	PBT
O-Ring:	BUNA-N
LED Lens:	Polycarbonate
Contacts:	Copper Alloy with Gold Plating
Marker Tags:	Polyamide (supplied on all units)

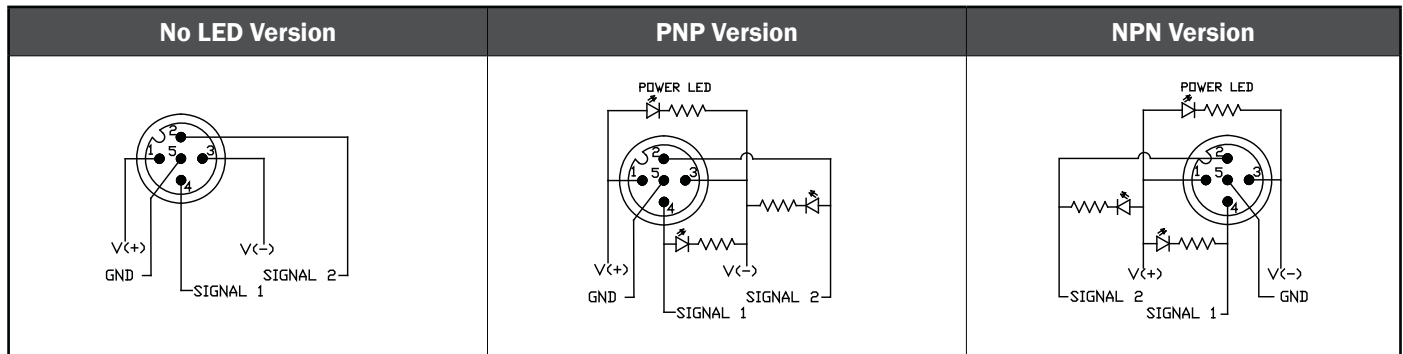


JDC (M12) Junction Blocks

8 Port, 5 Pin JDC Junction blocks



Field Wireable | Cable | D-Sub | IP67 Protection Rating



Function	Cable Version	25 PIN Male D-SUB
	Cable O.D. 0.43"	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 2	Gray/Pink	PIN #2
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 2	Red/Blue	PIN #4
PORT 2 PIN 4	Green	PIN #3
PORT 3 PIN 2	White/Green	PIN #6
PORT 3 PIN 4	Yellow	PIN #5
PORT 4 PIN 2	Brown/Green	PIN #8
PORT 4 PIN 4	Gray	PIN #7
PORT 5 PIN 2	White/Yellow	PIN #10
PORT 5 PIN 4	Pink	PIN #9
PORT 6 PIN 2	Yellow/Brown	PIN #12
PORT 6 PIN 4	Red	PIN #11
PORT 7 PIN 2	White/Gray	PIN #14
PORT 7 PIN 4	Black	PIN #13
PORT 8 PIN 2	Gray/Brown	PIN #16
PORT 8 PIN 4	Violet	PIN #15

JDC Junction Blocks

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JDC (M12) Junction Blocks

8 Port, 5 Pin JDC Junction blocks

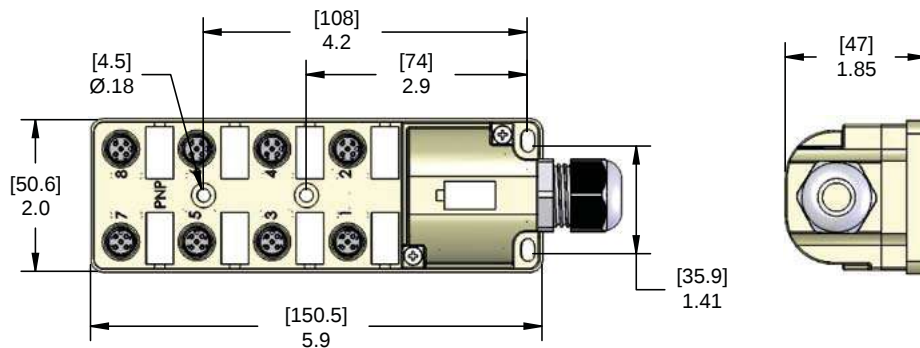


MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 19 Pole Male Receptacle	JDC-850-019-M000	JDC-85P-219-M000	JDC-85N-219-M000
	N/A	M23 19 Pole Male Receptacle	JDC-850-019-V000	JDC-85P-219-V000	JDC-85N-219-V000
	N/A	MIN Size III 19 Pole Male Plug with Male Thread	JDC-850-019-M003	JDC-85P-219-M003	JDC-85N-219-M003
	N/A	MIN Size III 19 Pole Male Plug	JDC-850-019-M**	JDC-85P-219-M**	JDC-85N-219-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	PBT
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)



JDC (M12) Junction Blocks

8 Port, 5 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating

No LED Version	PNP Version	NPN Version

Function	MIN-19 Receptacles & Plug Version	19 PIN M23 Receptacles & Plug Version
Male Faceview	 1.125"-16UN2	 M23 x 1
+ V	PIN #7	PIN #19
- V	PIN #5	PIN #6
Ground	PIN #12	PIN #12
PORT 1 PIN 2	PIN #19	PIN #7
PORT 1 PIN 4	PIN #15	PIN #15
PORT 2 PIN 2	PIN #4	PIN #4
PORT 2 PIN 4	PIN #6	PIN #5
PORT 3 PIN 2	PIN #8	PIN #8
PORT 3 PIN 4	PIN #16	PIN #16
PORT 4 PIN 2	PIN #14	PIN #14
PORT 4 PIN 4	PIN #3	PIN #3
PORT 5 PIN 2	PIN #9	PIN #9
PORT 5 PIN 4	PIN #17	PIN #17
PORT 6 PIN 2	PIN #13	PIN #13
PORT 6 PIN 4	PIN #2	PIN #2
PORT 7 PIN 2	PIN #10	PIN #10
PORT 7 PIN 4	PIN #11	PIN #11
PORT 8 PIN 2	PIN #18	PIN #18
PORT 8 PIN 4	PIN #1	PIN #1
Mating Plug for Receptacle or Plug	MINP-19FP-*	MCV-19FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.



JDC (M12) Junction Blocks

10 Port, 3 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | IP67 Protection Rating

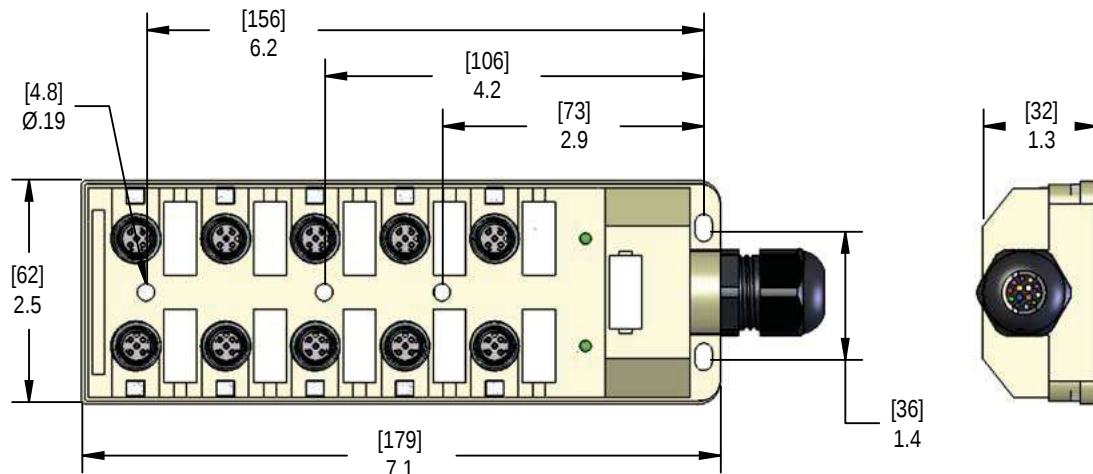


Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 12 Pole Male Receptacle	JDC-030-012-M000	JDC-03P-212-M000	JDC-03N-212-M000
	N/A	MIN Size III 12 Pole Male Plug with Male Thread	JDC-030-012-M003	JDC-03P-212-M003	JDC-03N-212-M003
	N/A	MIN Size III 12 Pole Male Plug with Male Thread	JDC-030-012-M**	JDC-03P-212-M**	JDC-03N-212-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.

JDC Junction Blocks

Q



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	Nickel Plated Brass
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)



JDC (M12) Junction Blocks

10 Port, 3 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | IP67 Protection Rating

No LED Version	PNP Version	NPN Version

Function	MIN-12 Receptacles & Plug Version
Male Faceview	 1.125"-16UN2
+ V	PIN #10
- V	PIN #9
PORT 1 PIN 4	PIN #1
PORT 2 PIN 4	PIN #2
PORT 3 PIN 4	PIN #3
PORT 4 PIN 4	PIN #4
PORT 5 PIN 4	PIN #5
PORT 6 PIN 4	PIN #6
PORT 7 PIN 4	PIN #7
PORT 8 PIN 4	PIN #8
PORT 9 PIN 4	PIN #11
PORT 10 PIN 4	PIN #12
Mating Plug for Receptacle or Plug	MIN-12FPX-*

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

JDC Junction Blocks

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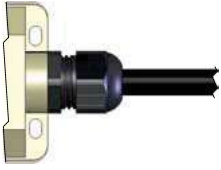
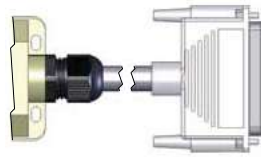
JDC (M12) Junction Blocks

10 Port, 4 Pin JDC Junction blocks

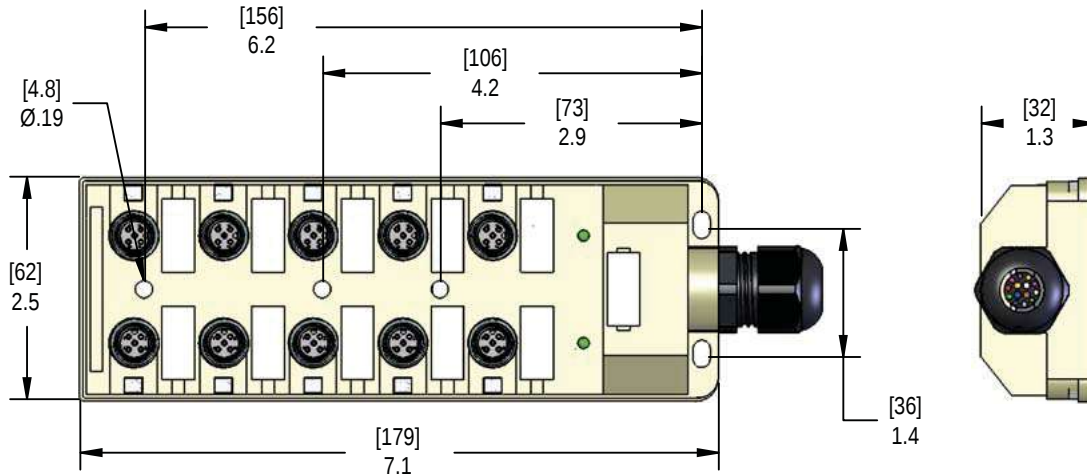


Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	Black PUR AWM With Foil Shield 22 AWG Drain Wire 3 x 18 AWG 10 x 22 AWG 8.6mm OD	JDC-040-013-C**	JDC-04P-213-C**	JDC-04N-213-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-040-025-D**	JDC-04P-225-D**	JDC-04N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



JDC Junction Blocks

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Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	Nickel Plated Brass
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)



JDC (M12) Junction Blocks

10 Port, 4 Pin JDC Junction blocks



Cable | D-Sub | IP67 Protection Rating

No LED Version	PNP Version	NPN Version

Function	Cable Version	25 PIN Male D-SUB
	Cable O.D. 0.39"	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 4	Green	PIN #2
PORT 3 PIN 4	Yellow	PIN #3
PORT 4 PIN 4	Gray	PIN #4
PORT 5 PIN 4	Pink	PIN #5
PORT 6 PIN 4	Red	PIN #6
PORT 7 PIN 4	Black	PIN #7
PORT 8 PIN 4	Violet	PIN #8
PORT 9 PIN 4	Gray/Pink	PIN #9
PORT 10 PIN 4	Red/Blue	PIN #10

JDC Junction Blocks

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JDC (M12) Junction Blocks

10 Port, 4 Pin JDC Junction blocks

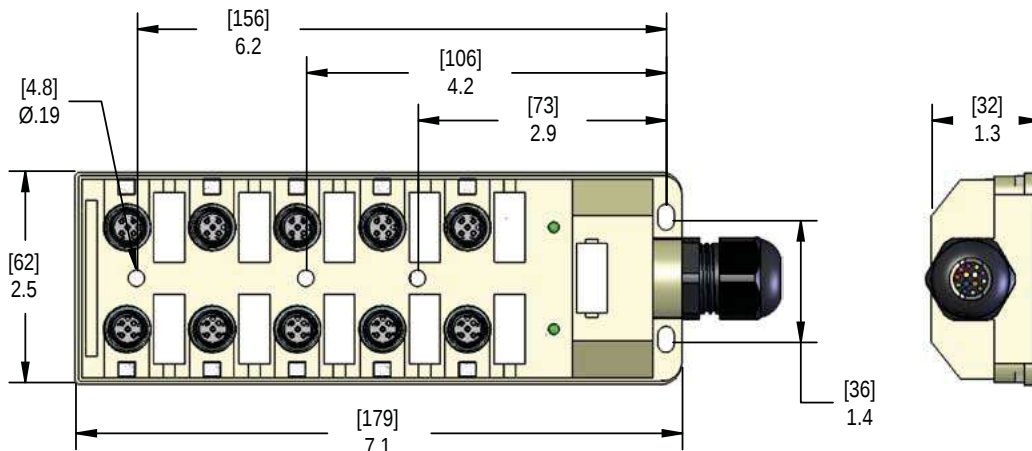


MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 19 Pole Male Receptacle	JDC-040-019-M000	JDC-04P-219-M000	JDC-04N-219-M000
	N/A	M23 19 Pole Male Receptacle	JDC-040-019-V000	JDC-04P-219-V000	JDC-04N-219-V000
	N/A	MIN Size III 19 Pole Male Plug with Male Thread	JDC-040-019-M003	JDC-04P-219-M003	JDC-04N-219-M003
	N/A	MIN Size III 19 Pole Male Plug with Male Thread	JDC-040-019-M**	JDC-04P-219-M**	JDC-04N-219-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	Nickel Plated Brass
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)

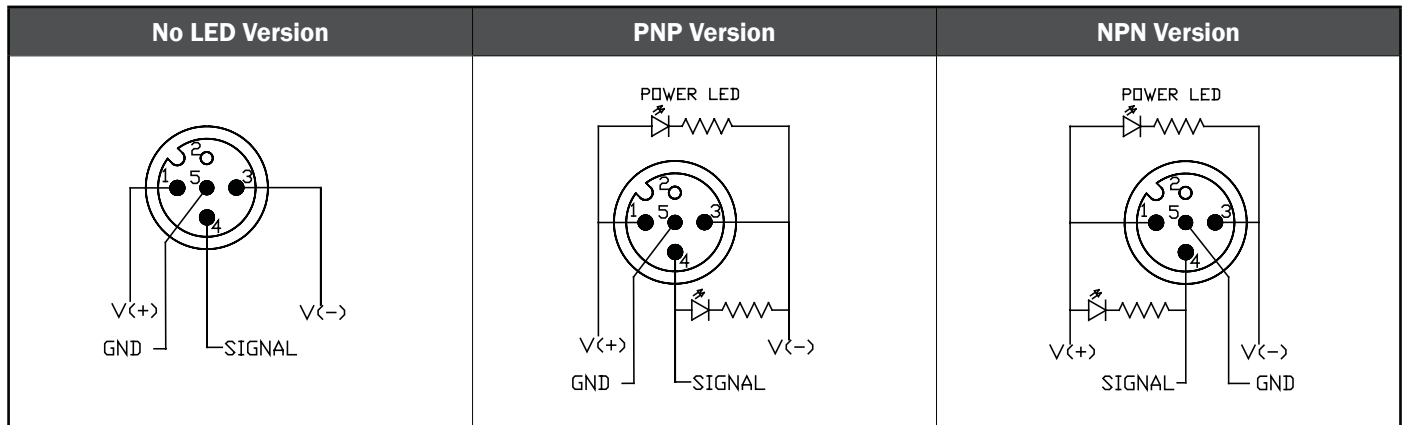


JDC (M12) Junction Blocks

10 Port, 4 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Function	MIN-19 Receptacles & Plug Version	19 PIN M23 Receptacles & Plug Version
Male Faceview	 M23 x 1	 M23 x 1
+ V	PIN #7	PIN #19
- V	PIN #5	PIN #6
Ground	PIN #12	PIN #12
PORT 1 PIN 4	PIN #15	PIN #15
PORT 2 PIN 4	PIN #6	PIN #5
PORT 3 PIN 4	PIN #16	PIN #16
PORT 4 PIN 4	PIN #3	PIN #3
PORT 5 PIN 4	PIN #17	PIN #17
PORT 6 PIN 4	PIN #2	PIN #2
PORT 7 PIN 4	PIN #11	PIN #11
PORT 8 PIN 4	PIN #1	PIN #1
PORT 9 PIN 4	PIN #10	PIN #7
PORT 10 PIN 4	PIN #18	PIN #4
Mating Plug for Receptacle or Plug	MIN-19FP-*	MCV-19FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.



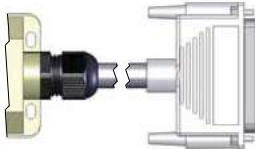
JDC (M12) Junction Blocks

10 Port, 5 Pin JDC Junction blocks

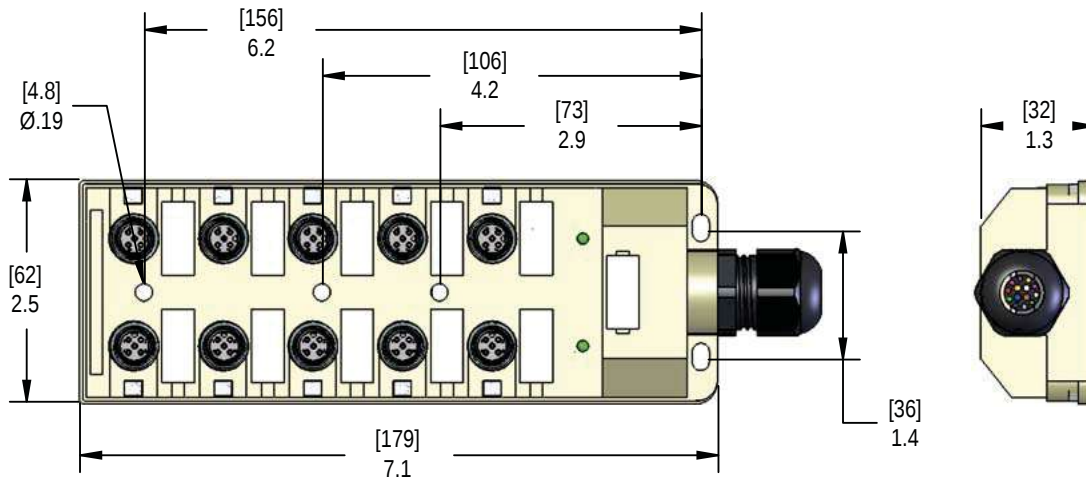


Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	Black PUR AWM With Foil Shield 24 AWG Drain Wire 4 x 18 AWG 24 x 22 AWG 12.4mm OD	JDC-050-024-C**	JDC-05P-224-C**	JDC-05N-224-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-050-025-D**	JDC-05P-225-D**	JDC-05N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	Nickel Plated Brass
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)



JDC (M12) Junction Blocks

10 Port, 5 Pin JDC Junction blocks



Cable | D-Sub | IP67 Protection Rating

No LED Version	PNP Version	NPN Version

Function	Cable Version	25 PIN Male D-Sub
	Cable O.D. 0.43"	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 2	Gray/Pink	PIN #2
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 2	Red/Blue	PIN #4
PORT 2 PIN 4	Green	PIN #3
PORT 3 PIN 2	White/Green	PIN #6
PORT 3 PIN 4	Yellow	PIN #5
PORT 4 PIN 2	Brown/Green	PIN #8
PORT 4 PIN 4	Gray	PIN #7
PORT 5 PIN 2	White/Yellow	PIN #10
PORT 5 PIN 4	Pink	PIN #9
PORT 6 PIN 2	Yellow/Brown	PIN #12
PORT 6 PIN 4	Red	PIN #11
PORT 7 PIN 2	White/Gray	PIN #14
PORT 7 PIN 4	Black	PIN #13
PORT 8 PIN 2	Gray/Brown	PIN #16
PORT 8 PIN 4	Violet	PIN #15

JDC Junction Blocks

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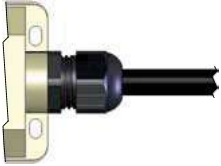
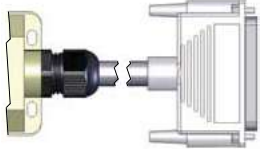
JDC (M12) Junction Blocks

12 Port, 4 Pin JDC Junction blocks

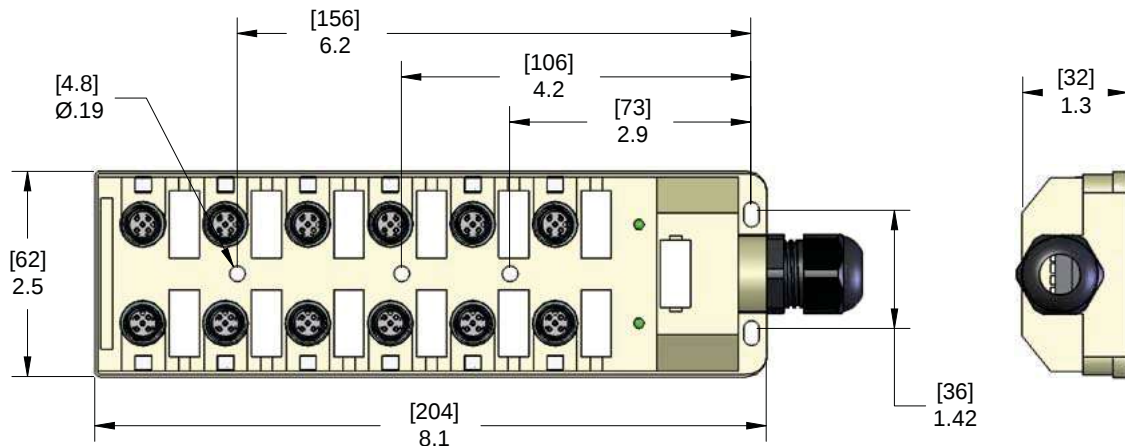


Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	Black PUR AWM With Foil Shield 22 AWG Drain Wire 3 x 18 AWG 12 x 22 AWG 12.4mm OD	JDC-240-016-C**	JDC-24P-216-C**	JDC-24N-216-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-240-025-D**	JDC-24P-225-D**	JDC-24N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



JDC Junction Blocks

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Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	Nickel Plated Brass
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)



JDC (M12) Junction Blocks

12 Port, 4 Pin JDC Junction blocks



Cable | D-Sub | IP67 Protection Rating

No LED Version	PNP Version	NPN Version

Function	Cable Version	25 PIN Male D-Sub
	Cable O.D. 0.40"	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 4	Green	PIN #2
PORT 3 PIN 4	Yellow	PIN #3
PORT 4 PIN 4	Gray	PIN #4
PORT 5 PIN 4	Pink	PIN #5
PORT 6 PIN 4	Red	PIN #6
PORT 7 PIN 4	Black	PIN #7
PORT 8 PIN 4	Violet	PIN #8
PORT 9 PIN 4	Gray/Pink	PIN #9
PORT 10 PIN 4	Red/Blue	PIN #10
PORT 11 PIN 4	White/Green	PIN #11
PORT 12 PIN 4	Brown/Green	PIN #12

JDC Junction Blocks

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JDC (M12) Junction Blocks

12 Port, 4 Pin JDC Junction blocks

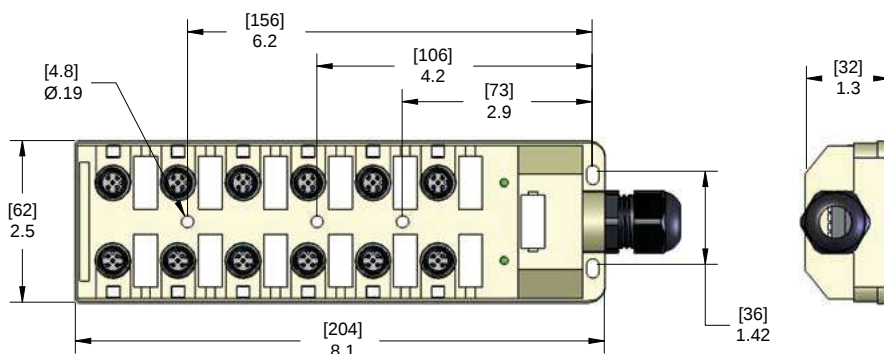


MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 19 Pole Male Receptacle	JDC-240-019-M000	JDC-24P-219-M000	JDC-24N-219-M000
	N/A	M23 19 Pole Male Receptacle	JDC-240-019-V00	JDC-24P-219-V000	JDC-24N-219-V000
	N/A	MIN Size III 19 Pole Male Plug with Male Thread	JDC-240-019-M003	JDC-24P-219-M003	JDC-24N-219-M003
	N/A	MIN Size III 19 Pole Male Plug	JDC-240-019-M**	JDC-24P-219-M**	JDC-24N-219-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	Nickel Plated Brass
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)



JDC (M12) Junction Blocks

12 Port, 4 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating

No LED Version	PNP Version	NPN Version

Function	MIN-19 Receptacles & Plug Version	19 PIN M23 Receptacles & Plug Version
Male Faceview	 1.125"-16UN2	 M23 x 1
+ V	PIN #7	PIN #19
- V	PIN #5	PIN #6
Ground	PIN #12	PIN #12
PORT 1 PIN 4	PIN #15	PIN #15
PORT 2 PIN 4	PIN #6	PIN #5
PORT 3 PIN 4	PIN #16	PIN #16
PORT 4 PIN 4	PIN #3	PIN #3
PORT 5 PIN 4	PIN #17	PIN #17
PORT 6 PIN 4	PIN #2	PIN #2
PORT 7 PIN 4	PIN #11	PIN #11
PORT 8 PIN 4	PIN #1	PIN #1
PORT 9 PIN 4	PIN #10	PIN #7
PORT 10 PIN 4	PIN #18	PIN #4
PORT 11 PIN 4	PIN #9	PIN #8
PORT 12 PIN 4	PIN #13	PIN #14
Mating Plug for Receptacle or Plug	MIN-19FP-*	MCV-19FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.



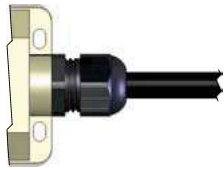
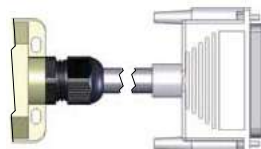
JDC (M12) Junction Blocks

12 Port, 5 Pin JDC Junction blocks

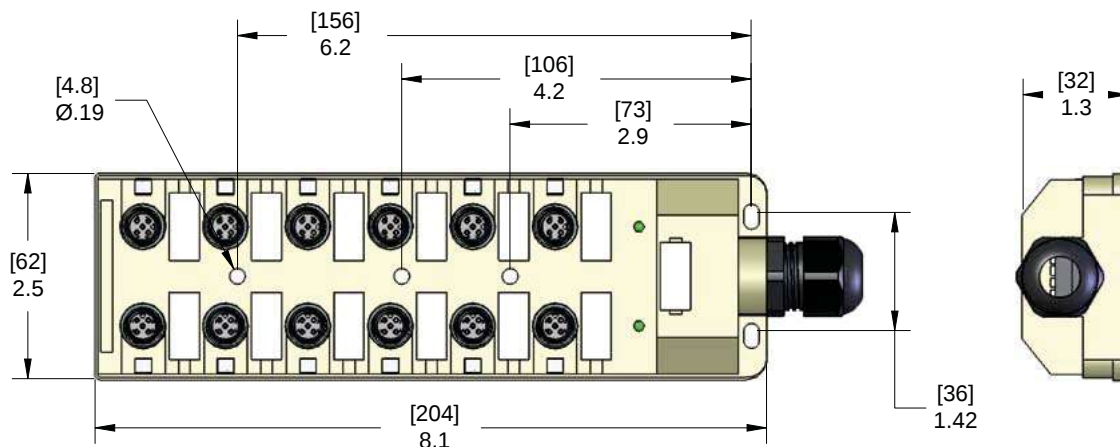


Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	Black PUR AWM With Foil Shield 24 AWG Drain Wire 4 x 18 AWG 24 x 22 AWG 12.4mm OD	JDC-250-028-C**	JDC-25P-228-C**	JDC-25N-228-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-250-037-D**	JDC-25P-237-D**	JDC-25N-237-D**

** Lengths in meters. Standard cable lengths are 5m and 10m. Consult factory for other lengths.



JDC Junction Blocks

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Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	Nickel Plated Brass
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)

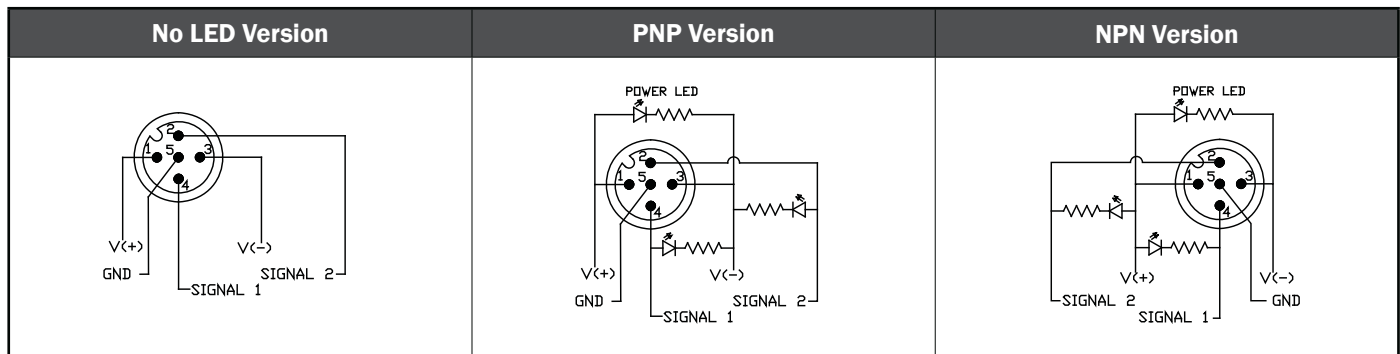


JDC (M12) Junction Blocks

12 Port, 5 Pin JDC Junction blocks



Cable | D-Sub | IP67 Protection Rating



Function	Cable Version	25 PIN Male D-Sub
	Cable O.D. 0.47"	
+ V	Brown & Brown/White	PIN #34 & #35
- V	Blue	PIN #36 & #37
Ground	Green/Yellow	Shield
PORT 1 PIN 2	Gray/Pink	PIN #2
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 2	Red/Blue	PIN #4
PORT 2 PIN 4	Green	PIN #3
PORT 3 PIN 2	White/Green	PIN #6
PORT 3 PIN 4	Yellow	PIN #5
PORT 4 PIN 2	Brown/Green	PIN #8
PORT 4 PIN 4	Gray	PIN #7
PORT 5 PIN 2	White/Yellow	PIN #10
PORT 5 PIN 4	Pink	PIN #9
PORT 6 PIN 2	Yellow/Brown	PIN #12
PORT 6 PIN 4	Red	PIN #11
PORT 7 PIN 2	White/Gray	PIN #14
PORT 7 PIN 4	Black	PIN #13
PORT 8 PIN 2	Gray/Brown	PIN #16
PORT 8 PIN 4	Violet	PIN #15
PORT 9 PIN 2	White/Red	PIN #18
PORT 9 PIN 4	White/Pink	PIN #17
PORT10 PIN 2	Brown/Red	PIN #20
PORT 10 PIN 4	Pink/Brown	PIN #19
PORT 11 PIN 2	White/Black	PIN #22
PORT 11 PIN 4	White/Blue	PIN #21
PORT 12 PIN 2	Brown/Black	PIN #24
PORT 12 PIN 4	Brown/Blue	PIN #23

JDC Junction Blocks

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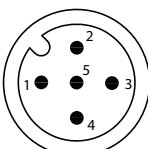
JDC (M12) Panel Mount Junction Blocks

10 - 5 Conductor JDC Panel Mount Junction blocks

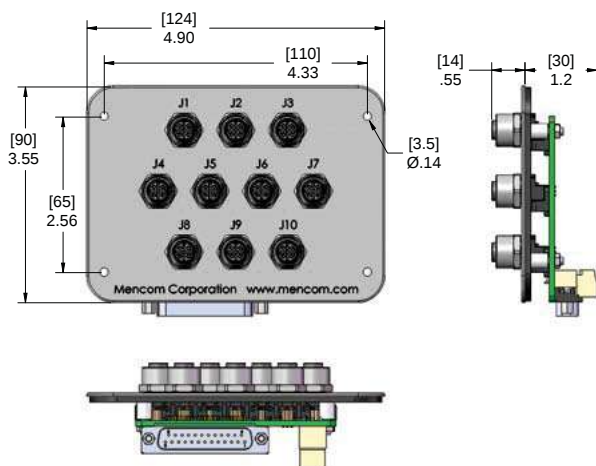


Size 32 | 3 Pin Pluggable Power Connector | 25 Pin D-Sub | 300 Volt, 3 amps



Female Faceview	# of Poles	Rating	Part Number
 M12x1	5	300V 3A	D32-10MDC-DB25

Custom Options available, please consult the factory.



10 - 5 Pin Female MDC Receptacles

3 Pin pluggable power connector
(for alternative to DB25 pins 21 - 25)

25 Pin D-Sub male connector

Specifications:

Ratings: 3 A per Connector
8 A per Block
Plate: Stainless Steel
Inserts: Polyamide
Coupling Nuts: Nickel Plated Brass
O-Ring: BUNA-N
Contacts: Copper Alloy with Gold Plating
Gasket: Closed Cell PVC/NBR

Wiring			
Port #	PIN #	DB25 PIN #	3 PIN Pluggable PIN #
ALL PORTS	1	23 & 24	V+
ALL PORTS	3	21 & 22	V-
ALL PORTS	5	25	Ground
J1	4	1	
J1	2	2	
J2	4	3	
J2	2	4	
J3	4	5	
J3	2	6	
J4	4	7	
J4	2	8	
J5	4	9	
J5	2	10	
J6	4	11	
J6	2	12	
J7	4	13	
J7	2	14	
J8	4	15	
J8	2	16	
J9	4	17	
J9	2	18	
J10	4	19	
J10	2	20	



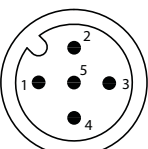
JDC (M12) Panel Mount Junction Blocks

10 - 5 Pole JDC Panel Mount Junction blocks

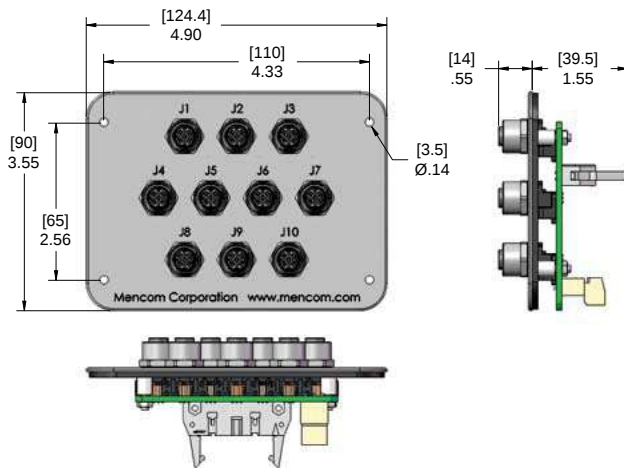


Size 32 | 3 Pin Pluggable Power Connector | 20 Pin Ribbon Cable | 300 Volt, 3 amps



Female Faceview	# of Poles	Rating	Part Number
 M12x1	5	300V 3A	D32-10MDC-RC20

Custom Options available, please consult the factory.



10 - 5 Pin Female MDC Receptacles

3 Pin pluggable power connector

20 Pin Ribbon Cable

Specifications:

Ratings: 3 A per Connector
8 A per Block
Plate: Stainless Steel
Inserts: Polyamide
Coupling Nuts: Nickel Plated Brass
O-Ring: BUNA-N
Contacts: Copper Alloy with Gold Plating
Gasket: Closed Cell PVC/NBR

Wiring			
Port #	PIN #	DB25 PIN #	3 PIN Pluggable PIN #
ALL PORTS	1		V+
ALL PORTS	3		V-
ALL PORTS	5		Ground
J1	4	1	
J1	2	2	
J2	4	3	
J2	2	4	
J3	4	5	
J3	2	6	
J4	4	7	
J4	2	8	
J5	4	9	
J5	2	10	
J6	4	11	
J6	2	12	
J7	4	13	
J7	2	14	
J8	4	15	
J8	2	16	
J9	4	17	
J9	2	18	
J10	4	19	
J10	2	20	

JDC Junction Blocks

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JDC (M12) Panel Mount Junction Blocks

10 - 5 Conductor JDC Panel Mount Junction blocks

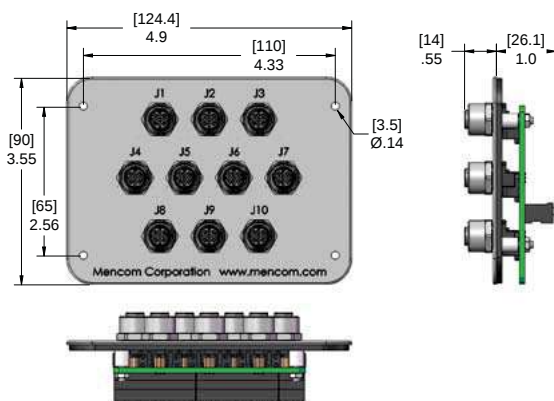


Size 32 | 3 Pin Pluggable Power Connector | Terminal Block | 300 Volt, 3 amps



Female Faceview	# of Poles	Rating	Part Number
 M12x1	5	300V 3A	D32-10MDC-TB23

Custom Options available, please consult the factory.



10 - 5 Pin Female MDC Receptacles

23 Pin Push Button Spring-Clamp
Terminal Blocks

Wiring		
Port #	PIN #	3 PIN Pluggable PIN #
ALL PORTS	1	V+
ALL PORTS	3	V-
ALL PORTS	5	Ground
J1	4	2 - J1
J1	2	3 - J1
J2	4	2 - J2
J2	2	3 - J2
J3	4	2 - J3
J3	2	3 - J3
J4	4	2 - J4
J4	2	3 - J4
J5	4	2 - J5
J5	2	3 - J5
J6	4	2 - J6
J6	2	3 - J6
J7	4	2 - J7
J7	2	3 - J7
J8	4	2 - J8
J8	2	3 - J8
J9	4	2 - J9
J9	2	3 - J9
J10	4	2 - J10
J10	2	3 - J10

Specifications:

Ratings: 3 A per Connector
8 A per Block
Plate: Stainless Steel
Inserts: Polyamide
Coupling Nuts: Nickel Plated Brass
O-Ring: BUNA-N
Contacts: Copper Alloy with Gold Plating
Gasket: Closed Cell PVC/NBR



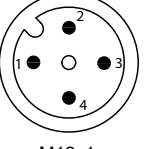
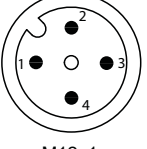
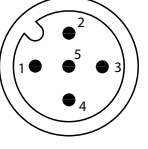
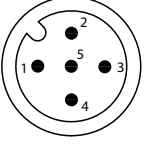
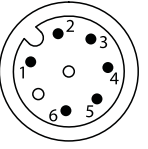
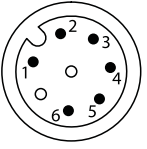
JDC (M12) Panel Mount Junction Blocks

4, 5 & 6 Conductor JDC (M12) Panel Mount Junction Blocks



Size 32 | 8 & 10 Port | Back Mount | Straight Wiring

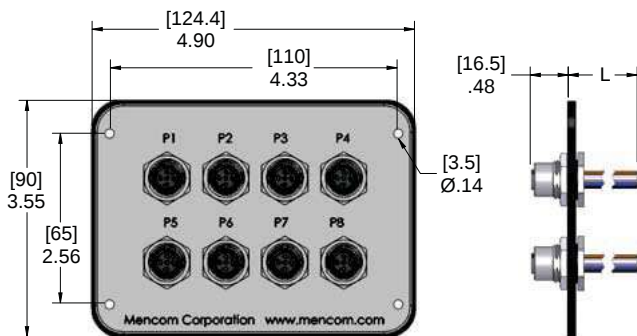


8 Port Version				10 Port Version			
Female Faceview	# of Poles	Rating	Part Number	Female Faceview	# of Poles	Rating	Part Number
 M12x1	4	300V 4A	D32-8MDC-4FR-BM-**	 M12x1	4	300V 4A	D32-10MDC-4FR-BM-**
 M12x1	5	300V 4A	D32-8MDC-5FR-BM-**	 M12x1	5	300V 4A	D32-10MDC-5FR-BM-**
 M12x1	6	60V 2A	D32-8MDC-6FR-BM-**	 M12x1	6	60V 2A	D32-10MDC-6FR-BM-**

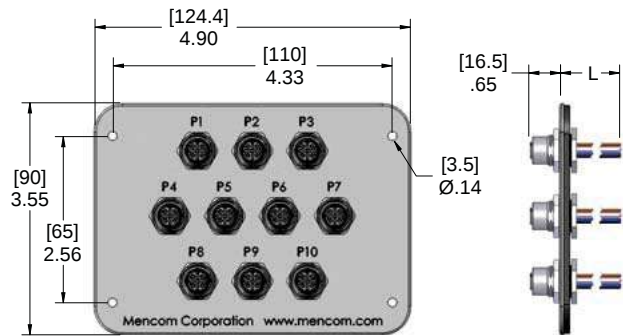
** Lengths in meters. Standard Cable lengths are 1, 2, 4, 6 & 10 meters. Consult factory for other lengths.

2~5 Pole females will have all 5 contact holes in the connector.

Custom Options available, please consult the factory.



8 Port Version



10 Port Version

Specifications:

Ratings: 4 A per Connector

8 A per Block

Plate: Stainless Steel

Inserts: Polyamide

Coupling Nuts: Nickel Plated Brass

O-Ring: BUNA-N

Contacts: Copper Alloy with Gold Plating

Gasket: Closed Cell PVC/NBR



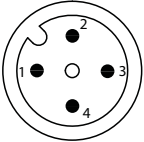
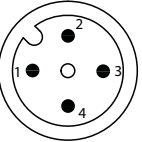
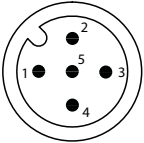
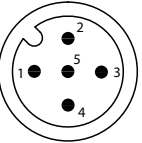
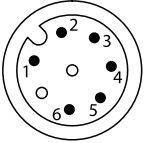
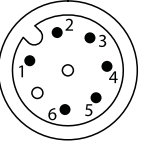
JDC (M12) Panel Mount Junction Blocks

4, 5 & 6 Conductor JDC (M12) Panel Mount Junction Blocks



Size 32 | 8 & 10 Port | Through Panel Mount | Straight Wiring



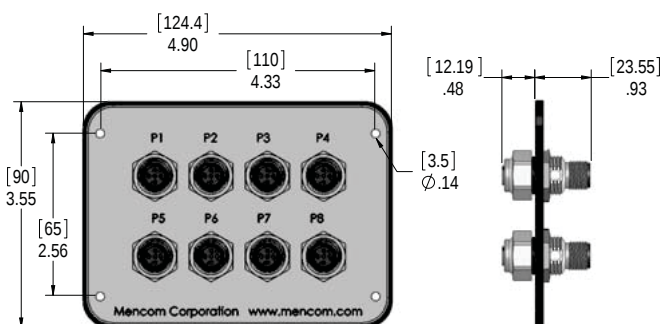
8 Port Version				10 Port Version			
Female Faceview	# of Poles	Rating	Part Number	Female Faceview	# of Poles	Rating	Part Number
 M12x1	4	300V 4A	D32-8MDC-4FR-TM	 M12x1	4	300V 4A	D32-10MDC-4FR-TM
 M12x1	5	300V 4A	D32-8MDC-5FR-TM	 M12x1	5	300V 4A	D32-10MDC-5FR-TM
 M12x1	6	60V 2A	D32-8MDC-6FR-TM	 M12x1	6	60V 2A	D32-10MDC-6FR-TM

2~5 Pole females will have all 5 contact holes in the connector.

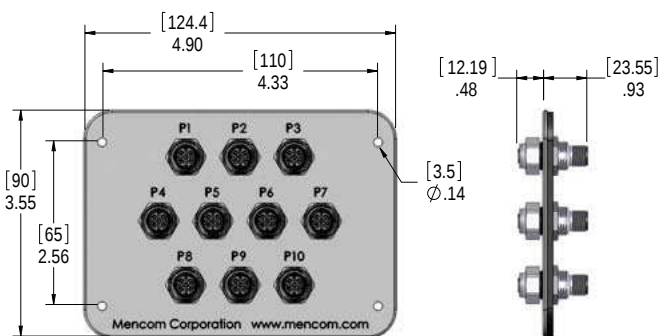
Custom Options available, please consult the factory.

JDC Junction Blocks

Q



8 Port Version



10 Port Version

Specifications:

Ratings: 4 A per Connector
8 A per Block

Plate: Stainless Steel

Inserts: Polyamide

Coupling Nuts: Nickel Plated Brass

O-Ring: BUNA-N

Contacts: Copper Alloy with Gold Plating

Gasket: Closed Cell PVC/NBR



1/2" JAC Junction Blocks

JAC Junction blocks Part Number Matrix



Not all options available with all junction blocks, please consult factory.

JAC - 30 - 0 -

Number of Port

4
6
8

Length in Meters

000 = Receptacle
003 = 0.3M
020 = 2M
050 = 5M
100 = 10M

Other lengths are available by request.

Number of Home Run Conductors

03
06
08
10
12

Trunk Connection Type

M = MIN Connector
C = Cable
V = M23 Connector

JAC Junction Blocks

R



1/2" JAC Junction Blocks

4, 6 & 8 Port, 3 Pin JAC Junction blocks



Straight Wiring | MIN Receptacles | 24 - 120 Volt | IP67 Rating



Trunk Style	Trunk Connection	# of Ports	JAC Version Part Number	Mating Cable Part Number	Port Connection
	MIN Size I 3 Pole Male Receptacles	4	JAC-430-003-M000	MIN-3FP-*	
		6	JAC-630-003-M000		
		8	JAC-830-003-M000		

Specifications:

Ratings:	3 A per Connector 8 A per Block
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration
Body:	Polypropylene
Inserts:	Polyamide
Port Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
LED Lens:	Polycarbonate
Contacts:	Copper Alloy with Gold Plating
Marker Tags:	Polyamide (supplied on all units)

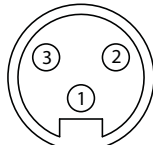


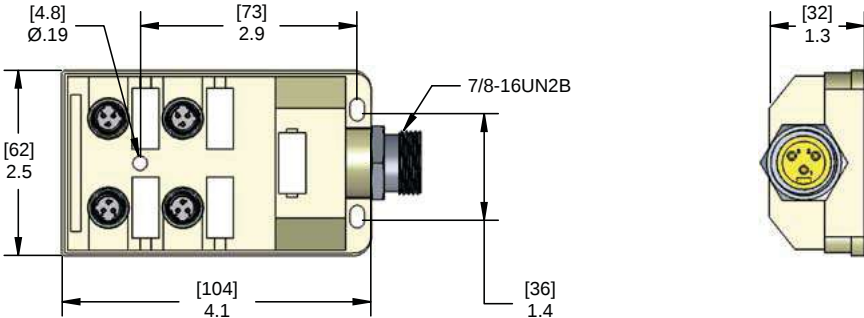
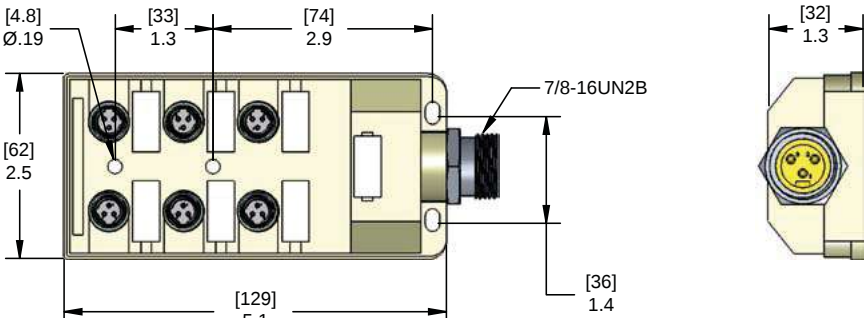
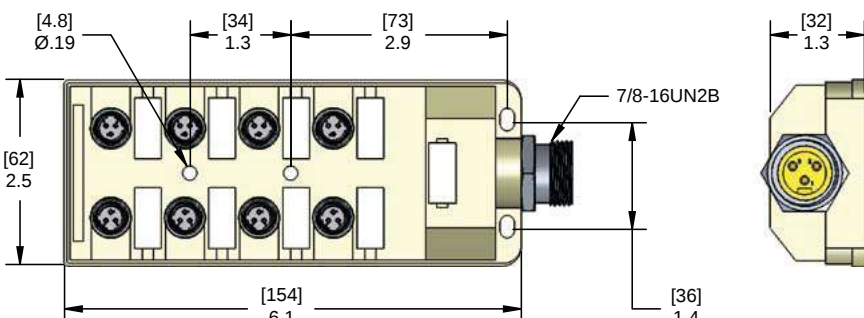
1/2" JAC Junction Blocks

4, 6 & 8 Port, 3 Pin JAC Junction blocks



Straight Wiring | MIN Receptacles | 24 - 120 Volt | IP67 Rating

PIN Connection		
MIN Pin #	All Ports PIN #	Male Faceview
1	1 (Ground)	 7/8-16UN2
2	2 (L2)	
3	3 (L1)	

# of Port	Housing Style
4	
6	
8	

JAC Junction Blocks

R



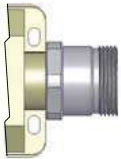
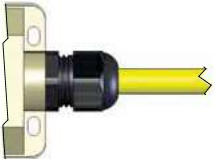
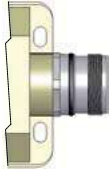
1/2" JAC Junction Blocks

4 Port, 3 Pin JAC Junction blocks

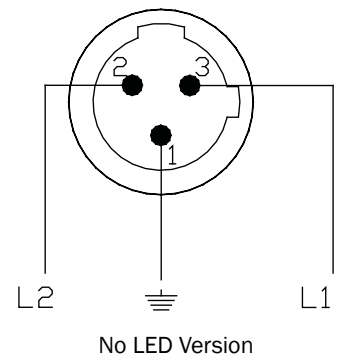
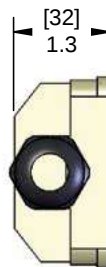
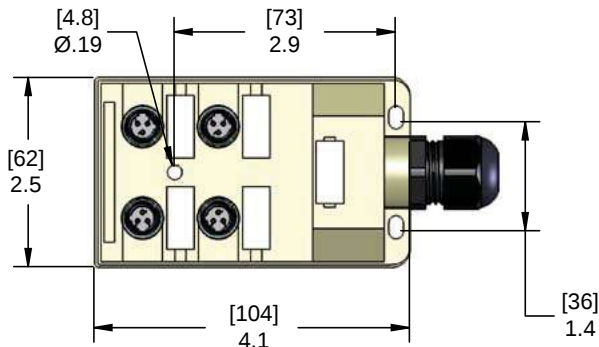


Standard Wiring | MIN Receptacle | Cable | M23 Receptacle | 24 - 120 Volt | IP67 Rating



Trunk Style	Trunk Connection	Part Number
	MIN Size 16 Pole Male Receptacle	JAC-430-006-M000
	Yellow PVC SJTOOW 6 x 18 AWG 9.9mm OD	JAC-430-006-C**
	M23 12 Pole Male Receptacle	JAC-430-012-V**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



JAC Junction Blocks

R

Specifications:

Ratings:	3 A per Connector 8 A per Block
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration
Body:	Polypropylene
Inserts:	Polyamide
Port Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
LED Lens:	Polycarbonate
Contacts:	Copper Alloy with Gold Plating
Marker Tags:	Polyamide (supplied on all units)

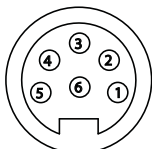
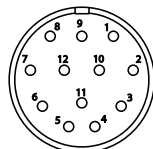


1/2" JAC Junction Blocks

4 Port, 3 Pin JAC Junction blocks



Standard Wiring | MIN Receptacle | Cable | M23 Receptacle | 24 - 120 Volt | IP67 Rating

Function	MIN-6MR Receptacle Version	12 Pin M23 Receptacle Version	Cable
	 7/8"-16UN2	 M23 x 1	Cable O.D. 0.32"
Ground	PIN #3	PIN #7	Green/Yellow
All PORTS PIN 3 (L1)	PIN #1	PIN #5	White
PORT 1 PIN 2 (L2)	PIN #2	PIN #6	Red
PORT 2 PIN 2 (L2)	PIN #4	PIN #1	Orange
PORT 3 PIN 2 (L2)	PIN #5	PIN #4	Black
PORT 4 PIN 2 (L2)	PIN #6	PIN #2	Blue
Mating Plug	MIN-6FP-*	MCV-12FP-**	

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

JAC Junction Blocks

R



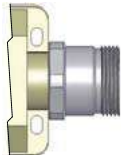
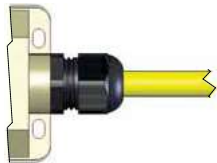
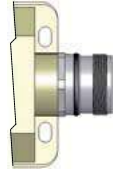
1/2" JAC Junction Blocks

6 Port, 3 Pin JAC Junction blocks



Standard Wiring | MIN Receptacle | Cable | M23 Receptacle | 24 - 120 Volt | IP67 Rating

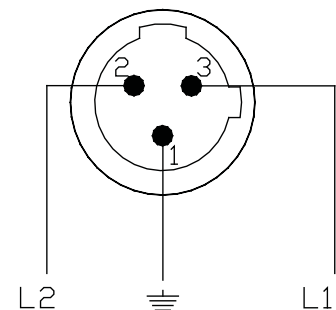
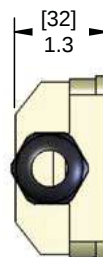
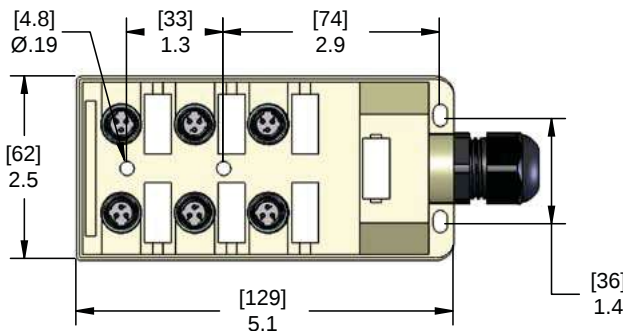


Trunk Style	Trunk Connection	No LED
	MIN Size II 8 Pole Male Receptacle	JAC-630-008-M000
	Yellow PVC AWM 20811 8 x 18 AWG 8.9mm OD	JAC-630-008-C**
	M23 12 Pole Male Receptacle	JAC-630-012-V**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.

JAC Junction Blocks

R



No LED Version

Specifications:

Ratings:	3 A per Connector 8 A per Block
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration
Body:	Polypropylene
Inserts:	Polyamide
Port Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
LED Lens:	Polycarbonate
Contacts:	Copper Alloy with Gold Plating
Marker Tags:	Polyamide (supplied on all units)

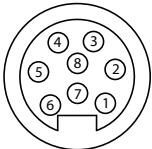
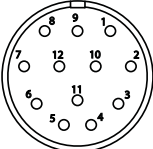


1/2" JAC Junction Blocks

6 Port, 3 Pin JAC Junction blocks



Standard Wiring | MIN Receptacle | Cable | M23 Receptacle | 24 - 120 Volt | IP67 Rating

Function	MIN-8MR Receptacle Version	12 Pin M23 Receptacle Version	Cable
	 1"-16UN2	 M23 x 1	Cable O.D. 0.35"
Ground	PIN #7	PIN #7	Green/Yellow
All PORTS PIN 3 (L1)	PIN #5	PIN #5	White
PORT 1 PIN 2 (L2)	PIN #6	PIN #6	Red
PORT 2 PIN 2 (L2)	PIN #1	PIN #1	Orange
PORT 3 PIN 2 (L2)	PIN #4	PIN #4	Black
PORT 4 PIN 2 (L2)	PIN #2	PIN #2	Blue
PORT 5 PIN 2 (L2)	PIN #3	PIN #3	White/Black
PORT 6 PIN 2 (L2)	PIN #8	PIN #8	Red/Black
Mating Plug	MIN-8FPX-*	MCV-12FP-**	

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

JAC Junction Blocks

R



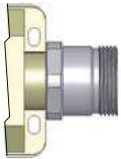
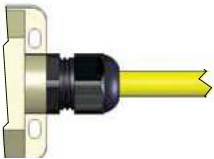
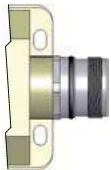
1/2" JAC Junction Blocks

8 Port, 3 Pin JAC Junction blocks



Standard Wiring | MIN Receptacle | Cable | M23 Receptacle | 24 - 120 Volt | IP67 Rating

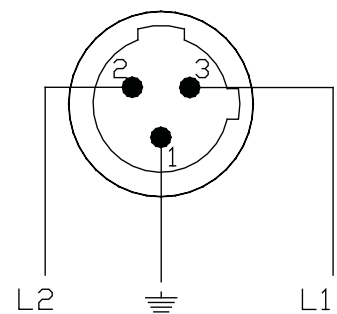
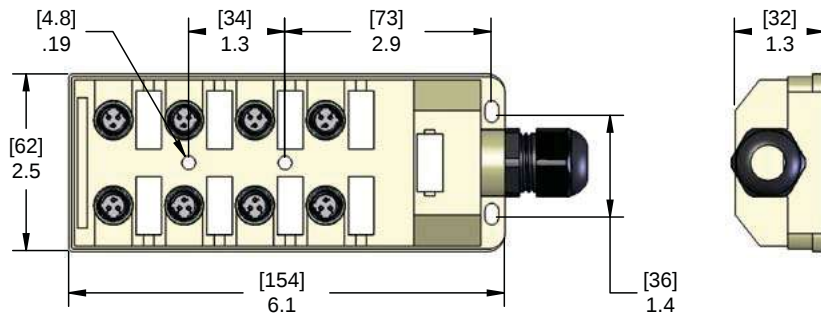


Trunk Style	Trunk Connection	No LED
	MIN Size III 10 Pole Male Receptacle	JAC-830-010-M000
	Yellow PVC AWM 20811 10 x 18 AWG 10.2mm OD	JAC-830-010-C**
	M23 12 Pole Male Receptacle	JAC-830-012-V000

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.

JAC Junction Blocks

R



No LED Version

Specifications:

Ratings:	3 A per Connector 8 A per Block
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration
Body:	Polypropylene
Inserts:	Polyamide
Port Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
LED Lens:	Polycarbonate
Contacts:	Copper Alloy with Gold Plating
Marker Tags:	Polyamide (supplied on all units)

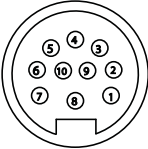
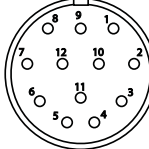


1/2" JAC Junction Blocks

8 Port, 3 Pin JAC Junction blocks



Standard Wiring | MIN Receptacle | Cable | M23 Receptacle | 24 - 120 Volt | IP67 Rating

Function	MIN-10MR Receptacle Version	12 Pin M23 Receptacle Version	Cable
	 1"-16UN2	 M23 x 1	Cable O.D. 0.40"
Ground	PIN #8	PIN #7	Green/Yellow
All PORTS PIN 3 (L1)	PIN #10	PIN #5	White
PORT 1 PIN 2 (L2)	PIN #7	PIN #6	Red
PORT 2 PIN 2 (L2)	PIN #1	PIN #1	Orange
PORT 3 PIN 2 (L2)	PIN #9	PIN #4	Black
PORT 4 PIN 2 (L2)	PIN #2	PIN #2	Blue
PORT 5 PIN 2 (L2)	PIN #3	PIN #3	White/Black
PORT 6 PIN 2 (L2)	PIN #4	PIN #8	Red/Black
PORT 7 PIN 2 (L2)	PIN #5	PIN #9	Green/Black
PORT 8 PIN 2 (L2)	PIN #8	PIN #10	Orange/Black
Mating Plug	MIN-10FPX-*	MCV-12FP-**	

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

JAC Junction Blocks

R



Mencom Corporation

no problems, only solutions



Notes:



JAN (M8) Junction Blocks

JAN Junction blocks Part Number Matrix



Not all options available with all junction blocks, please consult factory.

JAN - 3 - -

Number of Port

4
6
8

LED Transistor Type

O = No LED
P = PNP
N = NPN

Length in Meters

000 = Receptacle
003 = 0.3M
020 = 2M
050 = 5M
100 = 10M

Other lengths are available by request.

Voltage

0 = 120V
2 = 24V

Trunk Connection Type

M = MIN Connector
F = Field Wireable
C = Cable
E = MDC Connector

Number of Home Run Conductors

06
08
10



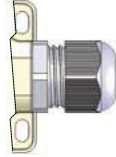
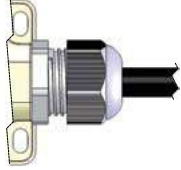
JAN (M8) Junction Blocks

4 Port, 3 Pin JAN Junction blocks

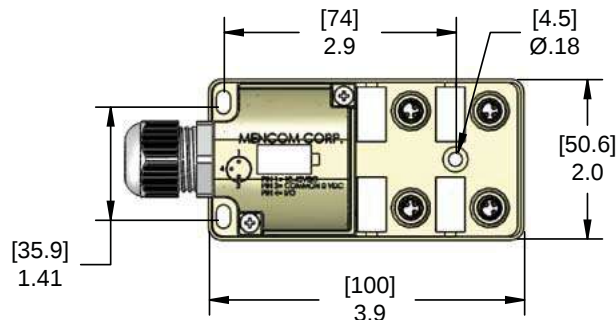
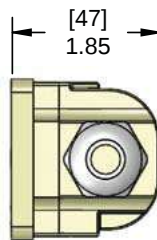


Field Wireable | Cable | MIN Receptacle | MIN Receptacle | IP67 Rating



Trunk Style	Trunk Connection	Part Number		
		No LED	PNP	NPN
	Field Wireable 24 AWG - 16 AWG	JAN-430-006-F000	JAN-43P-206-F000	JAN-43N-206-F000
	Black PUR AWM 20233 With With Mylar Shield 22 AWG Drain Wire 3 x 18 AWG 4 x 22 AWG 8.1mm OD	JAN-430-006-C**	JAN-43P-206-C**	JAN-43N-206-C**
	MIN Size I 6 Pole Male Receptacles	JAN-430-006-M000	JAN-43P-206-M000	JAN-43N-206-M000
	M12 8 Pole Male Receptacle	JAN-430-008-E000	JAN-43P-208-E000	JAN-43N-208-E000

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-60 VDC Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	PBT
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)



JAN (M8) Junction Blocks

4 Port, 3 Pin JAN Junction blocks



Field Wireable | Cable | MIN Receptacle | MIN Receptacle | IP67 Rating

No LED Version	PNP Version	NPN Version

Function	MIN-6MR Receptacle Version	MDC-8MR Receptacle Version	Cable Version
			Cable O.D. 8.9 mm
+ V	PIN #6	PIN #5	Brown
- V	PIN #3	PIN # 7	Blue
PORT 1 PIN 4 (L4)	PIN #2	PIN #1	White
PORT 2 PIN 4 (L4)	PIN #1	PIN #2	Green
PORT 3 PIN 4 (L4)	PIN #5	PIN #3	Yellow
PORT 4 PIN 4 (L4)	PIN #4	PIN #4	Gray
Mating Plug	MIN-6FP-*	MDCP-8FP-**	

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

JAN Junction Blocks

S



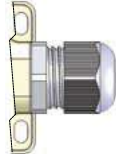
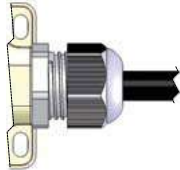
JAN (M8) Junction Blocks

6 Port, 3 Pin JAN Junction blocks

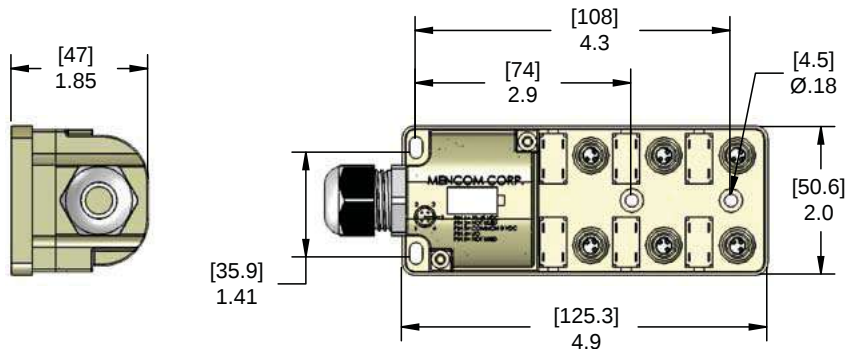


Field Wireable | Cable | MIN Receptacle | MIN Receptacle | IP67 Rating



Trunk Style	Trunk Connection	Part Number		
		No LED	PNP	NPN
	Field Wireable 24 AWG - 16 AWG	JAN-630-008-F000	JAN-63P-208-F000	JAN-63N-208-F000
	Black PUR AWM 20233 With With Mylar Shield 24 AWG Drain Wire 3 x 18 AWG 6 x 22 AWG 7.9mm OD	JAN-630-008-C**	JAN-63P-208-C**	JAN-63N-208-C**
	MIN Size II 8 Pole Male Receptacles	JAN-630-008-M000	JAN-63P-208-M000	JAN-63N-208-M000
	M12 8 Pole Male Receptacles	JAN-630-008-E000	JAN-63P-208-E000	JAN-63N-208-E000

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-60 VDC Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	PBT
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)



JAN (M8) Junction Blocks

6 Port, 3 Pin JAN Junction blocks



Field Wireable | Cable | MIN Receptacle | MDC Receptacle | IP67 Rating

No LED Version	PNP Version	NPN Version

Function	MIN-8MR Receptacle Version	MDC-8MR Receptacle Version	Cable Version
	 1"-16UN2	 M12 x 1	
+ V	PIN #8	PIN #5	Brown
- V	PIN #7	PIN # 7	Blue
PORT 1 PIN 4 (L4)	PIN #6	PIN #1	White
PORT 2 PIN 4 (L4)	PIN #5	PIN #2	Green
PORT 3 PIN 4 (L4)	PIN #4	PIN #3	Yellow
PORT 4 PIN 4 (L4)	PIN #3	PIN #4	Gray
PORT 5 PIN 4 (L4)	PIN #2	PIN #6	Pink
PORT 6 PIN 4 (L4)	PIN #1	PIN #8	Red
Mating Plug	MIN-8FPX-*	MDCP-8FP-**	

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

JAN Junction Blocks

S



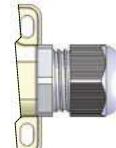
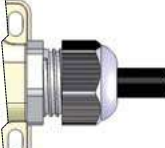
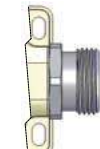
JAN (M8) Junction Blocks

8 Port, 3 Pin JAN Junction blocks

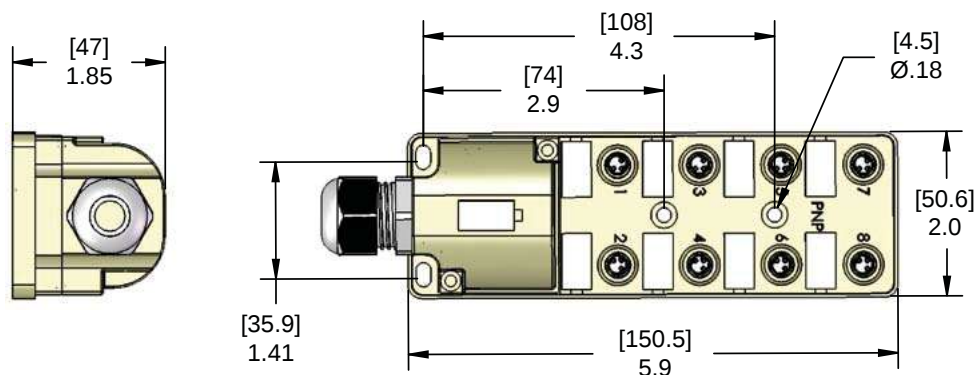


Field Wireable | Cable | MIN Receptacle | MIN Receptacle | IP67 Rating



Trunk Style	Trunk Connection	Part Number		
		No LED	PNP	NPN
	Field Wireable 24 AWG - 16 AWG	JAN-830-010-F000	JAN-83P-210-F000	JAN-83N-210-F000
	Black PVC AWM 2661 2 x 18 AWG 8 x 22 AWG 7.1mm OD	JAN-830-010-C**	JAN-83P-210-C**	JAN-83N-210-C**
	MIN Size III 10 Pole Male Receptacles	JAN-830-010-M000	JAN-83P-210-M000	JAN-83N-210-M000

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-60 VDC Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	PBT
Body:	Polypropylene	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
		Marker Tags:	Polyamide (supplied on all units)



JAN (M8) Junction Blocks

8 Port, 3 Pin JAN Junction blocks



Field Wireable | Cable | MIN Receptacle | MIN Receptacle | IP67 Rating

No LED Version	PNP Version	NPN Version

Function	MIN-10MR Receptacle Version	Cable Version
	 1.125"-16UN2	Cable O.D. 9.5 mm
+ V	PIN #10	Brown
- V	PIN #8	Blue
PORT 1 PIN 4 (L4)	PIN #7	White
PORT 2 PIN 4 (L4)	PIN #6	Green
PORT 3 PIN 4 (L4)	PIN #5	Yellow
PORT 4 PIN 4 (L4)	PIN #4	Gray
PORT 5 PIN 4 (L4)	PIN #3	Pink
PORT 6 PIN 4 (L4)	PIN #2	Red
PORT 7 PIN 4 (L4)	PIN #1	Black
PORT 8 PIN 4 (L4)	PIN #9	Violet
Mating Plug	MIN-10FPX-*	

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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Notes: