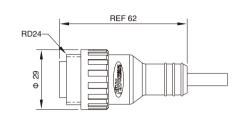




# **RD24 Male Molded Cable, Straight**

- Connector series: RD24
- Gender: Male
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA24M\*P\*\*\*STXXXXXX
  - \* refers to coding type
  - \*\*\* refers to pins number
  - X refers to cable specification





# c 🕄 us ( E Rohs 🛞

#### General information

Ambient temperature:	$-40^{\circ}C \sim +80^{\circ}C$ (fixed installation)
	-20°C ~ +80°C(flexible installation)
Connector insert:	PBT
Connector contacts:	Brass with silver plated
Coupling nut/screw:	PA

Insulation resistance:	≥100MΩ
Contact resistance :	≤5mΩ
Shielding:	Unavailable
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

## Electrical data & Mechanical data

Com	ta ata	Rated	Volt	tage	Wire gau	uge / size	Cable	Part No.	
Con	tacts	current	A/C	D/C	AWG	mm <sup>2</sup>	jacket	Fart NO.	
1+PE (1+1)	A-Coding	12A	600V	600V	18~14AWG	0.75	PUR/PVC	MA24MAP1+1ST <u>XXXXX</u>	
2+PE (2+1)	A-Coding	12A	600V	600V	18~14AWG	0.75	PUR/PVC	MA24MAP2+1ST <u>XXXXXX</u>	
3+PE (3+1)	A-Coding	12A	600V	600V	18~14AWG	0.75	PUR/PVC	MA24MAP3+1ST <u>XXXXX</u>	
6+PE (6+1)	B-Coding	8A	250V	250V	22~16AWG	0.34~1.5	PUR/PVC	MA24MBP6+1ST <u>XXXXXX</u>	

Note:  $\underline{X}$  refers to cable specification

### Remarks

• Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.

• Please refer to Page 423 for products' part number encoding rule.

RD24 cables & connectors

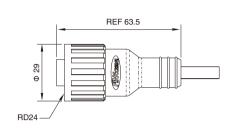






## **RD24 Female Molded Cable, Straight**

- Connector series: RD24
- Gender: Female
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA24F\*P\*\*\*STXXXXXX
  - refers to coding typerefers to pins number





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#### General information

Ambient temperature:	-40°C ~ +80°C(fixed installation)
	-20°C ~ +80°C(flexible installation)
Connector insert:	PBT
Connector contacts:	Brass with silver plated
Coupling nut/screw:	PA
Seal / O-ring:	Epoxy resin / EPDM

Insulation resistance:	≥100MΩ
Contact resistance :	≤5mΩ
Shielding:	Unavailable
IP rating:	IP68 in locked condition
Mating endurance:	>500 cycles

### Electrical data & Mechanical data

Car	Contacts		Rated Voltage		Wire gau	ıge / size	Cable	Part No.	
Con	tacts	current	A/C	D/C	AWG	mm <sup>2</sup>	jacket	Fart NO.	
1+PE (1+1)	Ore O1 A-Coding	12A	600V	600V	18~14AWG	0.75	PUR/PVC	MA24FAP1+1ST <u>XXXXXX</u>	
2+PE (2+1)	O2 OPE O1 A-Coding	12A	600V	600V	18~14AWG	0.75	PUR/PVC	MA24FAP2+1ST <u>XXXXXX</u>	
3+PE (3+1)	A-Coding	12A	600V	600V	18~14AWG	0.75	PUR/PVC	MA24FAP3+1ST <u>XXXXXX</u>	
6+PE (6+1)	B-Coding	8A	250V	250V	22~16AWG	0.34~1.5	PUR/PVC	MA24FBP6+1ST <u>XXXXXX</u>	

Note:  $\underline{X}$  refers to cable specification

### Remarks

• Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.



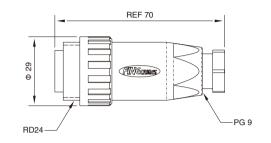






## **RD24 Male Field Wirable Assembly, Straight, Solder**

- Connector series: RD24
- Gender: Male
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB24MA\*FP\*\*\*ST-3
  - refers to coding typerefers to pins number





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### General information

Ambient temperature:	-25°C ~ +125 °C
Connector insert:	PBT
Connector contacts:	Brass with silver plated
Coupling nut/screw:	PA
Seal / O-ring:	Epoxy resin / EPDM
Termination type:	Solder

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
Suitable cable Dia.:	PG9: 6~8mm
IP rating:	IP 68 in locked condition
Mating endurance:	>500 cycles

## Electrical data & Mechanical data

Com	Contorto		Contacts Contacts		Contacts Rated		Voltage Wire ga		Wire gauge / size ۱		Part No.
Con	lacis	termination	current	A/C	D/C	AWG	mm²	insulation	Part NO.		
1+PE (1+1)	A-Coding	Solder version	12A	600V	600V	18~14AWG	0.75	PVC wire or customized	MB24MAAFP1+1ST-3		
2+PE (2+1)	A-Coding	Solder version	12A	600V	600V	18~14AWG	0.75	PVC wire or customized	MB24MAAFP2+1ST-3		
3+PE (3+1)	A-Coding	Solder version	12A	600V	600V	18~14AWG	0.75	PVC wire or customized	MB24MAAFP3+1ST-3		
6+PE (6+1)	20 0 € 20 0 € 10 <sup>PE</sup> 05 B-Coding	Solder version	8A	250V	250V	22~16AWG	0.34~1.5	PVC wire or customized	MB24MABFP6+1ST-3		

### Remarks

• Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.

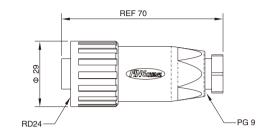






## **RD24 Female Field Wirable Assembly, Straight, Solder**

- Connector series: RD24
- Gender: Female
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MB24FA\*FP\*\*\*ST-3
  - refers to coding type\*\*\* refers to pins number





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### General information

Ambient temperature:	-25°C ~ +125 °C
Connector insert:	PBT
Connector contacts:	Brass with silver plated
Coupling nut/screw:	PA
Seal / O-ring:	Epoxy resin / EPDM
Termination type:	Solder

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
Suitable cable Dia.:	PG9: 6~8mm
IP rating:	IP 68 in locked condition
Mating endurance:	>500 cycles

## Electrical data & Mechanical data

Con	Contacts		Rated	Volt	age	Wire gauge / size		Wire	Part No.
Con		termination	current	A/C	D/C	AWG	mm <sup>2</sup>	insulation	Part NO.
1+PE (1+1)	A-Coding	Solder version	12A	600V	600V	18~14AWG	0.75	PVC wire or customized	MB24FAAFP1+1ST-3
2+PE (2+1)	Ore Ol	Solder version	12A	600V	600V	18~14AWG	0.75	PVC wire or customized	MB24FAAFP2+1ST-3
3+PE (3+1)	A-Coding	Solder version	12A	600V	600V	18~14AWG	0.75	PVC wire or customized	MB24FAAFP3+1ST-3
6+PE (6+1)	B-Coding	Solder version	8A	250V	250V	22~16AWG	0.34~1.5	PVC wire or customized	MB24FABFP6+1ST-3

### Remarks

• Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.

• Please refer to Page 423 for products' part number encoding rule.



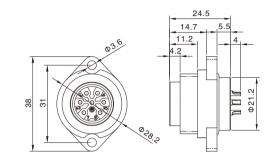
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## **RD24 Male Panel Mount, Solder, Front fastened**

- Connector series: RD24
- Gender: Male
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MA24MS\*FP\*\*\*ST
  - refers to coding typerefers to pins number





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### General information

Ambient temperature:	-25°C ~ +125 °C
Connector insert:	PBT
Connector contacts:	Brass with silver plated
Seal / O-ring:	EPDM

≥100MΩ
≤5mΩ
Unavailable
IP 68 in locked condition
>500 cycles

## Electrical data & Mechanical data

Contacto		Contacts Rated		Voltage		Wire gauge / size		Wire	Part No.
Con	Contacts		current	A/C	D/C	AWG	mm²	insulation	Fait NO.
1+PE (1+1)	A-Coding	Solder version	12A	600V	600V	18~14AWG	0.75	PUR/PVC	MA24MSAFP1+1ST
2+PE (2+1)	2 1 0 PE 0 A-Coding	Solder version	12A	600V	600V	18~14AWG	0.75	PUR/PVC	MA24MSAFP2+1ST
3+PE (3+1)	A-Coding	Solder version	12A	600V	600V	18~14AWG	0.75	PUR/PVC	MA24MSAFP3+1ST
6+PE (6+1)	a a a a a a a a a a a a a a a a a a a	Solder version	8A	250V	250V	22~16AWG	0.34~1.5	PUR/PVC	MA24MSBFP6+1ST

### Remarks

• Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.

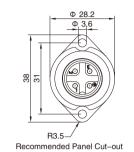






## **RD24 Male Panel Mount, Screw joint, Front fastened**

- Connector series: RD24
- Gender: Male
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MA24MWAFP\*\*\*ST
  - \*\*\* refers to pins number







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### General information

Ambient temperature:	-25°C ~ +125 °C
Connector insert:	PBT
Connector contacts:	Brass with silver plated
Coupling nut/screw:	PBT
Seal / O-ring:	Epoxy resin / EPDM
Termination type:	Screw

Insulation resistance:	≥100MΩ
Contact resistance:	≤5mΩ
Shielding:	Unavailable
IP rating:	IP 68 in locked condition
Mating endurance:	>500 cycles

## Electrical data & Mechanical data

Contacts		Contacts Rated		Voltage		Wire gauge / size		Wire	Part No.
Con		termination	current	A/C	D/C	AWG	mm <sup>2</sup>	insulation	Tart No.
1+PE (1+1)	A-Coding	Screw joint	12A	600V	600V	18~14AWG	0.75	PVC wire or customized	MA24MWAFP1+1ST
2+PE (2+1)	2 1 0 PE 0 A-Coding	Screw joint	12A	600V	600V	18~14AWG	0.75	PVC wire or customized	MA24MWAFP2+1ST
3+PE (3+1)	A-Coding	Screw joint	12A	600V	600V	18~14AWG	0.75	PVC wire or customized	MA24MWAFP3+1ST

### Remarks

• Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.

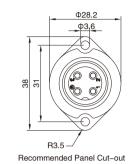


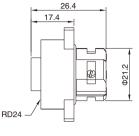




## **RD24 Female Panel Mount, Screw joint, Front fastened**

- Connector series: RD24
- Gender: Female
- Locking type: Fix screw
- Mounting type: Front fastened
- Part No.: MA24FWAFP\*\*\*ST
  - \*\*\* refers to pins number







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### General information

Ambient temperature:	-25°C ~ +125 °C
Connector insert:	PBT
Connector contacts:	Brass with silver plated
Coupling nut/screw:	PBT
Seal / O-ring:	Epoxy resin / EPDM
Termination type:	Screw

Contact resistance:≤ 5m ΩShielding:Unavailable	
5	
IP rating: IP 68 in locked condi-	ion
Mating endurance: >500 cycles	

## Electrical data & Mechanical data

Contacts		Contacts Rated		Voltage		Wire gauge / size		Wire	Part No.
Con		termination	current	A/C	D/C	AWG	mm²	insulation	Tart NO.
1+PE (1+1)	A-Coding	Screw joint	12A	600V	600V	18~14AWG	0.75	PVC wire or customized	MA24FWAFP1+1ST
2+PE (2+1)	Ore O1 A-Coding	Screw joint	12A	600V	600V	18~14AWG	0.75	PVC wire or customized	MA24FWAFP2+1ST
3+PE (3+1)	A-Coding	Screw joint	12A	600V	600V	18~14AWG	0.75	PVC wire or customized	MA24FWAFP3+1ST

### Remarks

• Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.

