

F-FP

FEMALE DISCONNECT CONNECTOR, FULLY INSULATED IN POLYCARBONATE, PARTIALLY REINFORCED, FOR COPPER CONDUCTORS, HALOGEN FREE



CERTIFICATIONS & APPROVALS



Features

TECHNICAL INFORMATION

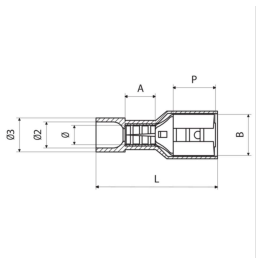
Minimum operating temperature	-20 °C
Maximum operating temperature	115 °C
Threshold of operating temperature for short periods	130 °C
Barrel reinforcement ring	Yes
Markings found	factory mark; conductor size-run
Typology	single
Type of insulation	full
Easy insertion input	Yes
Self-extinguishing fire class according to UL 94	V0
Reinforced with anti-vibration collar	No

WEIGHT AND DIMENSIONS

Type of connection	Female
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CLASSIFICATION AND DATA ORDERING

Electrocode	3681
ETIM Class 7	Round or flat plug/receptacle [EC000516]
Customs code	85366990



MATERIAL COMPOSITION AND TREATMENTS

Conductor body material	brass
Minimum thickness of the surface coating of the conducting body	3 µm
Surface treatment of the conductor body	tin plating
Insulated cover material	Polycarbonate PC10500AC
Annealing	No
Halogen free	Yes

LOGISTIC

Type of packaging	; box
Unit in minimal packaging	100 PCE
Unit in standard packaging	100 PCE

CERTIFICATIONS

ROHS compliant	Yes
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RF-FP Insulated cover colour **Red** Range of cable cross section **0.25 ÷ 1.5 mm²**

tipo	Reference standard	Internal surface of the barrel	Anti-vibration neck material	Tongue width [mm]	Tongue length [mm]	L [mm]	A [mm]	C [mm]	Ø2 [mm]	Ø3 [mm]	Ø [mm]	Cable stripping length [mm]	Gross weight [g]
RF-F305P	UL 310; CAN/CSA C22.2 No. 153-14	smooth	copper	3.2	8	20	4.7	20	4	5.8	2.55	5.2	0,750
RF-F308P		smooth		3.2	8	20	4.7	20	4	5.8	2.55	5.2	0,740
RF-F408P	UL 310; CAN/CSA C22.2 No. 153-14	smooth		5.1	6.4	20	4.7	20	4	5.8	2.8	5.2	0,844
RF-F405P	UL 310; CAN/CSA C22.2 No. 153-14	smooth		5.1	6.4	20	4.7	20	4	5.8	2.8	5.2	0,857
RF-F608P	UL 310; CAN/CSA C22.2 No. 153-14	smooth	copper	6.8	7.8	22.7	4.7	22.7	4	6	2.8	5.2	1,200

BF-FP Insulated cover colour **Blue** Range of cable cross section **1.5 ÷ 2.5 mm²**

tipo	Reference standard	Internal surface of the barrel	Anti-vibration neck material	Tongue width [mm]	Tongue length [mm]	L [mm]	A [mm]	C [mm]	Ø2 [mm]	Ø3 [mm]	Ø [mm]	Cable stripping length [mm]	Gross weight [g]
BF-F408P	UL 310; CAN/CSA C22.2 No. 153-14	smooth	copper	5.1	6.4	20	4.7	20	4.9	6.4	3.4	5.2	0,905
BF-F608P	UL 310; CAN/CSA C22.2 No. 153-14	groovy	copper	6.8	7.8	23	4.7	23	4.9	6.8	3.4	5.2	1,274

GF-FP Insulated cover colour **Yellow** Range of cable cross section **4 ÷ 6 mm²**

tipo	Reference standard	Internal surface of the barrel	Anti-vibration neck material	Tongue width [mm]	Tongue length [mm]	L [mm]	A [mm]	C [mm]	Ø2 [mm]	Ø3 [mm]	Ø [mm]	Cable stripping length [mm]	Gross weight [g]
GF-F608P	UL 310; CAN/CSA C22.2 No. 153-14	smooth	copper	6.7	7.8	25.8	6.5	25.8	6.6	8.1	4.8	7.2	1,902