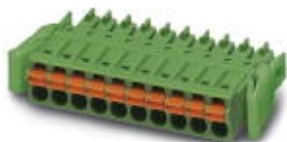


Plug - FMC 1,5/ 5-ST-3,5-RF GY AU - 1784253

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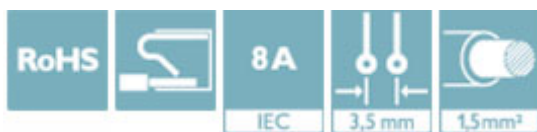
PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: gray, contact surface: Gold



The figure shows a 10-position version of the product

Your advantages

- ✓ Gold-plated contacts ensure transfer quality remains stable over the long term
- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Intuitive use through colour coded actuation lever
- ✓ Operation and conductor connection from one direction enable integration into front of device
- ✓ Intuitive locking mechanism prevents accidental disconnection



Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 554251
GTIN	4046356554251

Technical data

Dimensions

Length [l]	22.9 mm
Width [w]	27.6 mm
Height [h]	7.8 mm
Pitch	3.5 mm
Dimension a	14 mm

General

Range of articles	FMC 1,5/...-ST-RF
Number of positions	5
Connection method	Push-in spring connection

Plug - FMC 1,5/ 5-ST-3,5-RF GY AU - 1784253

Technical data

General

Rated voltage (III/3)	160 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal cross section	1.5 mm ²

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

Standards and Regulations

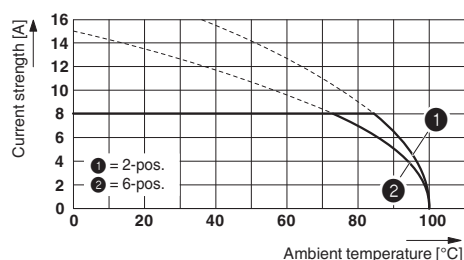
Connection in acc. with standard	EN-VDE
	CUL

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

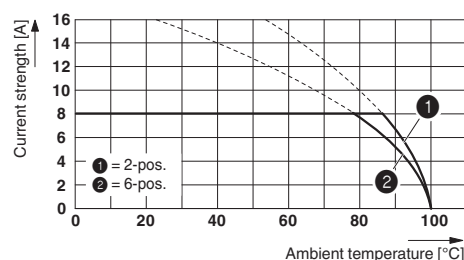
Drawings

Diagram



Derating curve for: FMC 1,5/...-ST-3,5-RF GY AU with MCV 1,5/...-G-3,5-RN GYP26AUTHT

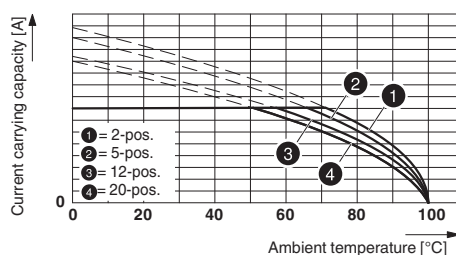
Diagram



Derating curve for: FMC 1,5/...-ST-3,5-RF GY AU with MC 1,5/...-G-3,5-RNGYP26AUTHTR

Plug - FMC 1,5/ 5-ST-3,5-RF GY AU - 1784253

Diagram



Type: FMC 1,5/...-ST-3,5-RF AU with MCDN 1,5/...-G1-3,5 RNP26THR AU

Approvals

Approvals

Approvals

IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

Approval details

IECEE CB Scheme		http://www.iecee.org/	DE1-60987-B1B2
Nominal voltage UN	160 V		
Nominal current IN	8 A		
mm²/AWG/kcmil	0.2-1.5		

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40011723
Nominal voltage UN	160 V		
Nominal current IN	8 A		
mm²/AWG/kcmil	0.2-1.5		

EAC		B.01742
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Plug - FMC 1,5/ 5-ST-3,5-RF GY AU - 1784253

Approvals

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19920306		
	B	C
Nominal voltage UN	150 V	50 V
Nominal current IN	8 A	8 A
mm²/AWG/kcmil	24-16	24-16

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