

<https://www.phoenixcontact.com/cn/products/2199757>

Plug - GMSTBT 2,5 HV/2-ST-7,25 GY7035 - 2199757

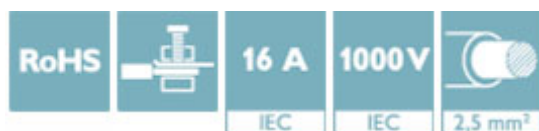
Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Plug component, Nominal current: 16 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 7.25 mm, Connection method: Screw connection

Why buy this product

- ✓ Suitable for ME/ME MAX electronics housing
- ✓ Orthogonal screw/plug-in connection
- ✓ 7.25 mm pitch for unlimited 600 V UL approval
- ✓



Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 046356 495332
GTIN	4046356495332
Custom tariff number	8536909000
Sales Key	ACHADB

Technical data

Dimensions

Pitch	7.25 mm
Dimension a	7.25 mm

General

Range of articles	GMSTBT 2,5 HV/...-ST
Number of positions	2
Connection method	Screw connection
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV

<https://www.phoenixcontact.com/cn/products/2199757>

Plug - GMSTBT 2,5 HV/2-ST-7,25 GY7035 - 2199757

Technical data

General

Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	16 A
Nominal cross section	2.5 mm ²
Maximum load current	16 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	8 mm
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 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.	2.5 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.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
2 conductors with same cross section, solid min.	0.1 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	12

Standards and Regulations

Connection in acc. with standard	EN-VDE
----------------------------------	--------

Plug - GMSTBT 2,5 HV/2-ST-7,25 GY7035 - 2199757

Technical data

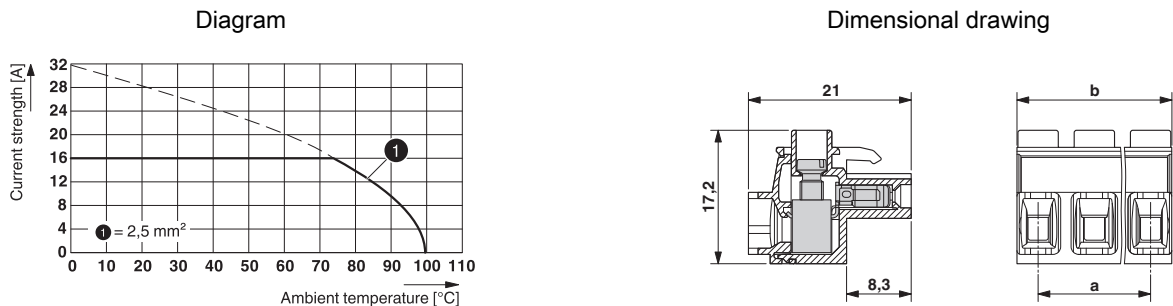
Standards and Regulations

	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings



Type: GMSTBT 2,5 HV/...-ST-7,25 GY7035 with GMSTBO 2,5 HV/...-GR(L)-7,25 THR

Size b = 14.95 mm

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
mm²/AWG/kcmil	24-12	24-12	
Nominal current I _N	16 A	16 A	
Nominal voltage U _N	600 V	600 V	

<https://www.phoenixcontact.com/cn/products/2199757>

Plug - GMSTBT 2,5 HV/2-ST-7,25 GY7035 - 2199757

Approvals

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
mm ² /AWG/kcmil	24-12	24-12	
Nominal current I _N	16 A	16 A	
Nominal voltage U _N	600 V	600 V	

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40037875
mm ² /AWG/kcmil	0.2-2.5		
Nominal current I _N	16 A		
Nominal voltage U _N	630 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-52506/A1
Nominal current I _N	16 A		
Nominal voltage U _N	630 V		

EAC		B.01742
-----	---	---------

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
------------------	---	---