

https://www.phoenixcontact.com/cn/products/1810337



Base strip - IC 2,5/ 2-GF-5,08 EX - 1810337

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Nominal current (Ex): 12 A, Nominal voltage (Ex): 176 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering




The figure shows a 10-position version of the product

Why buy this product

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Screwable flange for superior mechanical stability
- ✓ Well-known mounting principle allows worldwide use
- ✓ Satisfies the more stringent safety requirements of “Ex e” protection according to IEC 60079-7 for potentially explosive areas
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections
- ✓ Easy PCB replacement thanks to plug-in modules



Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 706667
GTIN	4046356706667
Sales Key	AAAFDA

Technical data

Dimensions

Length	19 mm
Pitch	5.08 mm
Dimension a	5.08 mm
Constructional height	11 mm
Length of the solder pin	3.5 mm
Pin dimensions	1,2 x 0,5
Pin spacing	5.08 mm
Hole diameter	1.4 mm

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Technical data

General

Range of articles	IC 2,5/...-GF-EX
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	320 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	2

Standards and Regulations

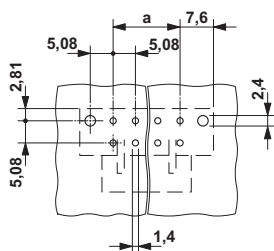
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

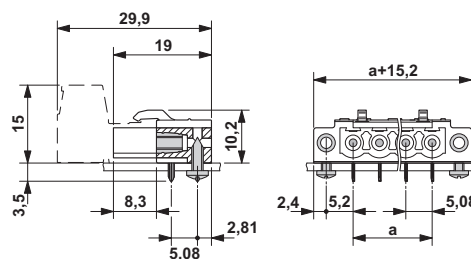
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Drilling diagram



Dimensional drawing



Approvals

Approvals

Approvals

EAC / UL Recognized / cUL Recognized / cULus Recognized

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Approvals

Ex Approvals

IECEX / ATEX / EAC Ex

Approval details

EAC		B.01742
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UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
Nominal current IN	12 A	10 A	
Nominal voltage UN	250 V	300 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
Nominal current IN	12 A	10 A	
Nominal voltage UN	250 V	300 V	

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