

Base strip - IC 2,5/10-GF-5,08 EX - 1810418

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>)

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Nominal current (Ex): 12 A, Nominal voltage (Ex): 176 V, Number of positions: 10, 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 706742
GTIN	4046356706742
Custom tariff number	85366990
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	19 mm
Pitch	5.08 mm
Dimension a	45.72 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

Base strip - IC 2,5/10-GF-5,08 EX - 1810418

Technical data

Dimensions

Hole diameter	1.4 mm
---------------	--------

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	10

Standards and Regulations

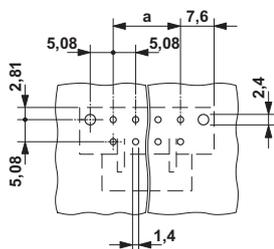
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

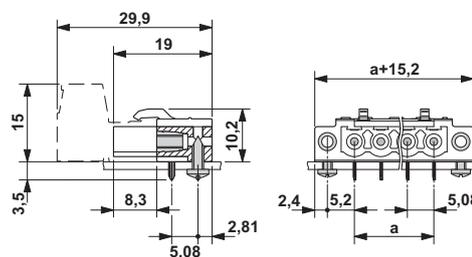
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Drilling diagram



Dimensional drawing



Approvals

Approvals

Base strip - IC 2,5/10-GF-5,08 EX - 1810418

Approvals

Approvals

EAC / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

IECEX / ATEX / EAC Ex

Approval details

EAC B.01742

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>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1810418](#)