

# Printed-circuit board connector - CC 2,5/23-GF-5,08-LR P26THR - 1827621

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PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 23, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.6 mm




The figure shows a 16-position version

## Your advantages

- ✓ Designed for integration into the SMT soldering process
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Screwable flange for superior mechanical stability
- ✓ Automatic locking and intuitive release through Lock and Release operating lever in contrasting color



## Key Commercial Data

Packing unit	52 pc
Minimum order quantity	52 pc
GTIN	 4 046356 953252
GTIN	4046356953252

## Technical data

### Dimensions

Length [ l ]	12 mm
Width	126.95 mm
Pitch	5.08 mm
Dimension a	111.76 mm
Width [ w ]	126.95 mm
Height [ h ]	11.17 mm
Installed height	8.57 mm
Length of the solder pin	2.6 mm
Pin dimensions	1 x 1 mm

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## Technical data

### Dimensions

Length	12 mm
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### General

Range of articles	CC 2,5/..-GF-LR
Insulating material group	IIIa
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)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Color	black
Number of positions	23

### Standards and Regulations

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

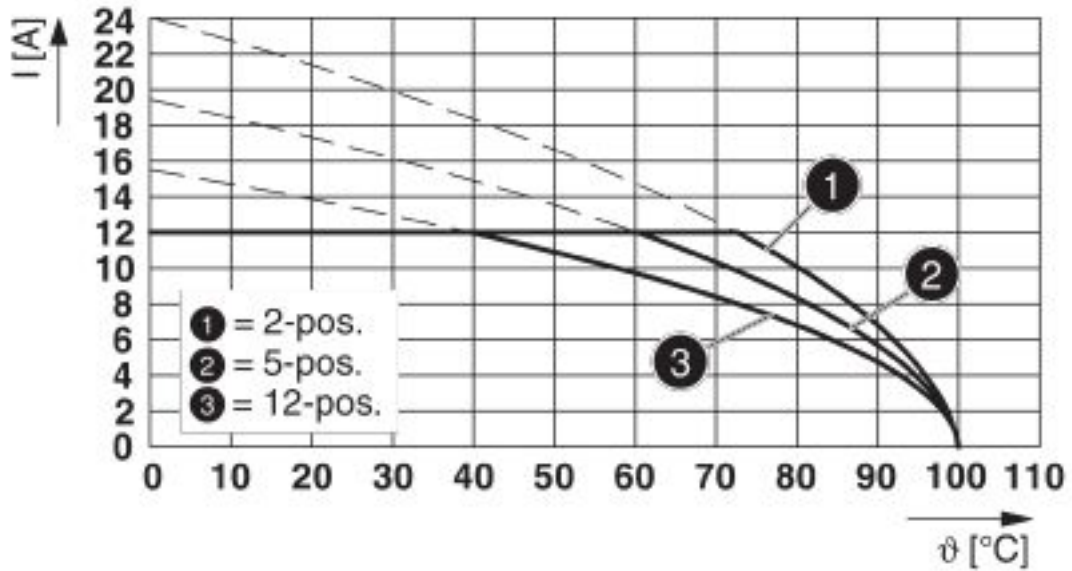
### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

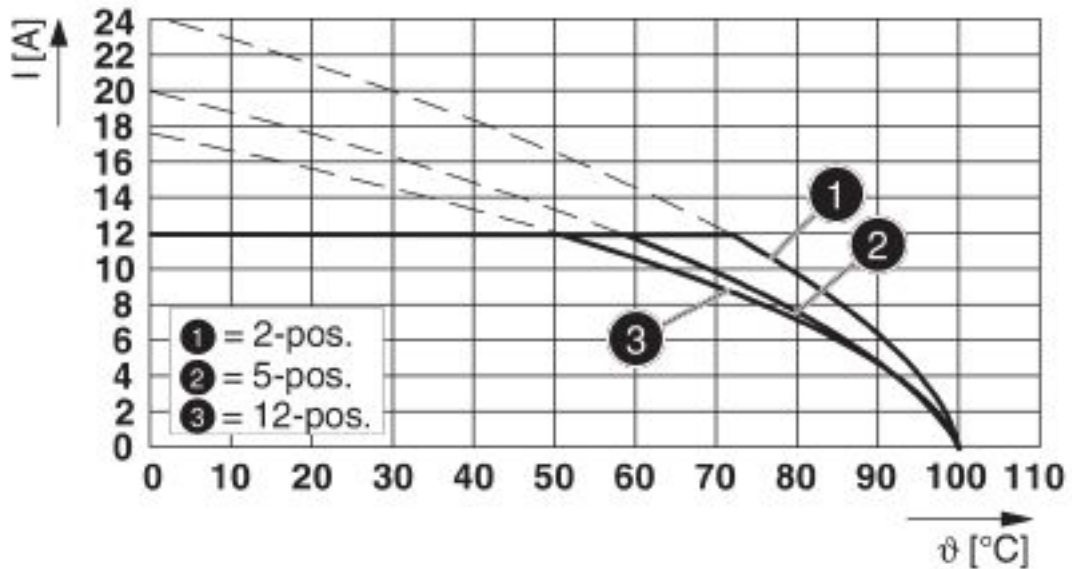
# Printed-circuit board connector - CC 2,5/23-GF-5,08-LR P26THR - 1827621

Diagram



Type: MVSTB(R/W) 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

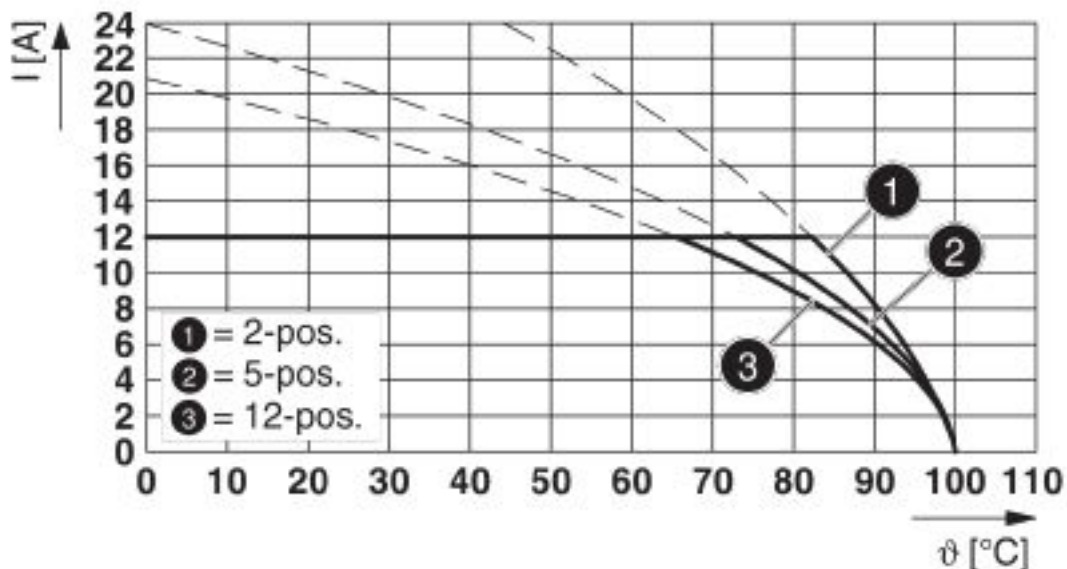
Diagram



Type: SMSTB 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

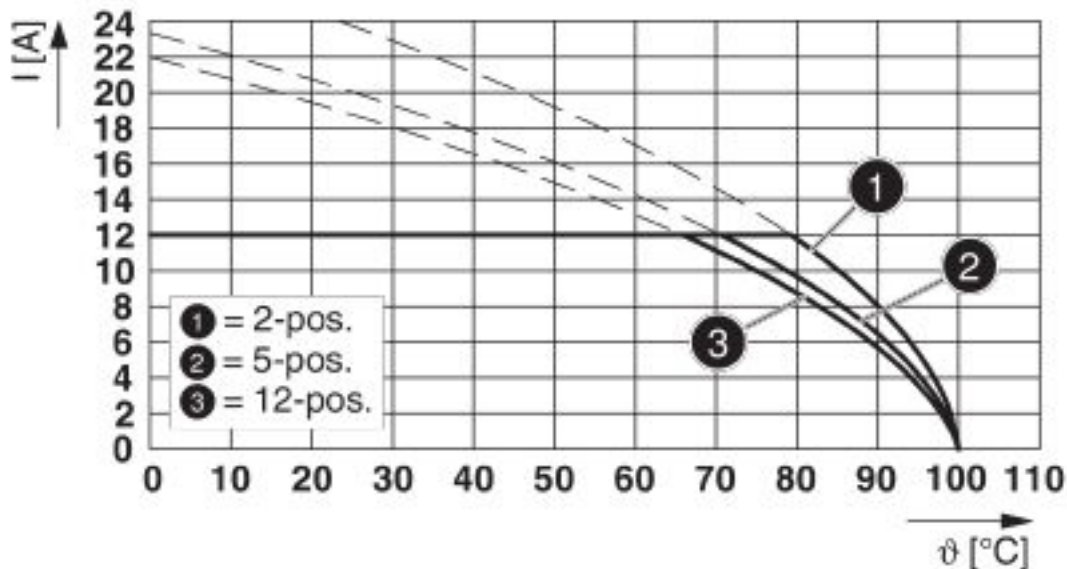
# Printed-circuit board connector - CC 2,5/23-GF-5,08-LR P26THR - 1827621

Diagram



Type: MSTBT 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

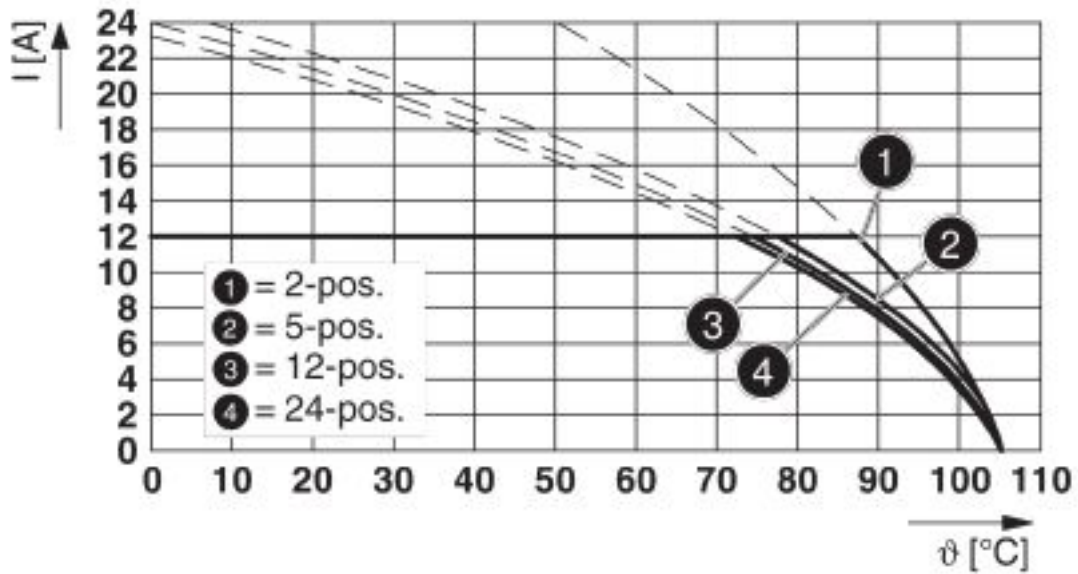
Diagram



Type: FRONT-MSTB 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

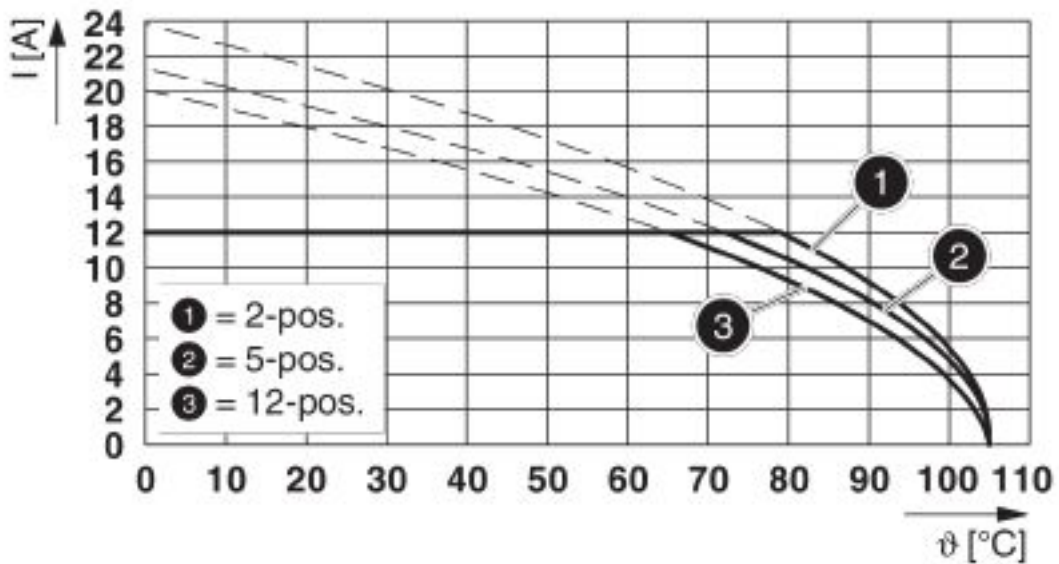
# Printed-circuit board connector - CC 2,5/23-GF-5,08-LR P26THR - 1827621

Diagram



Type: MSTB 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

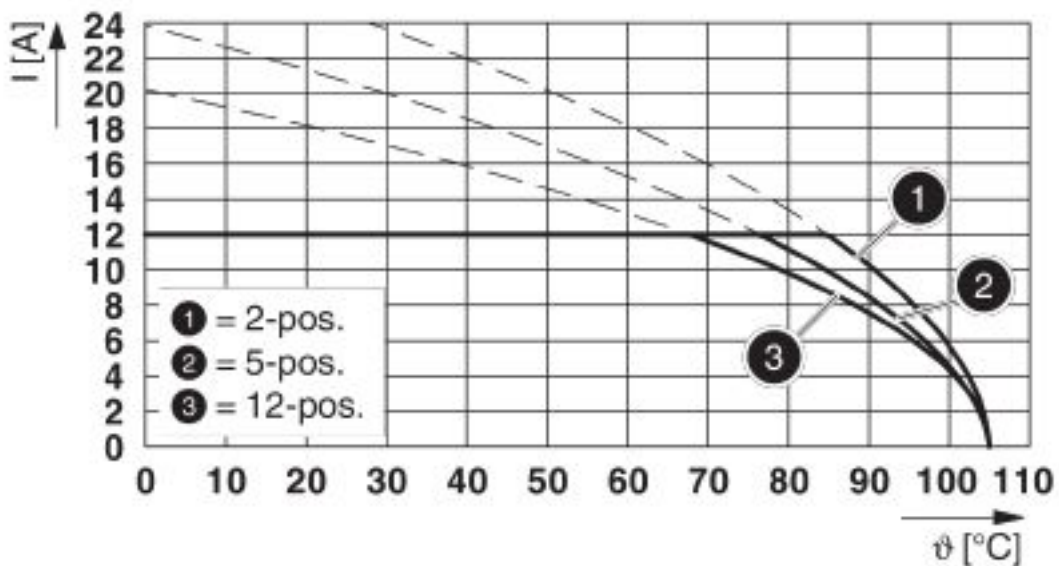
Diagram



Type: FKCS 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

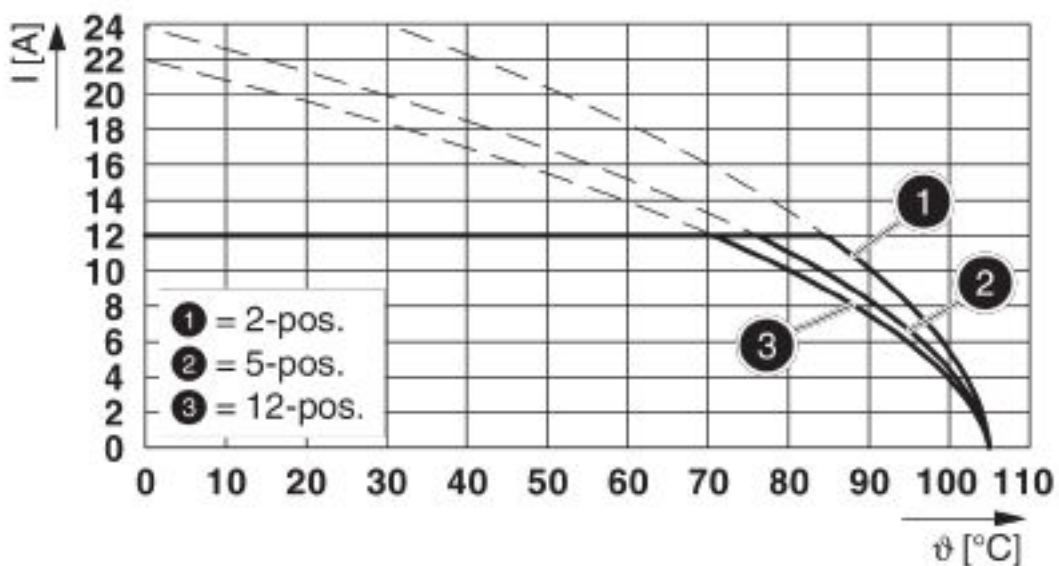
# Printed-circuit board connector - CC 2,5/23-GF-5,08-LR P26THR - 1827621

Diagram



Type: FKCN 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

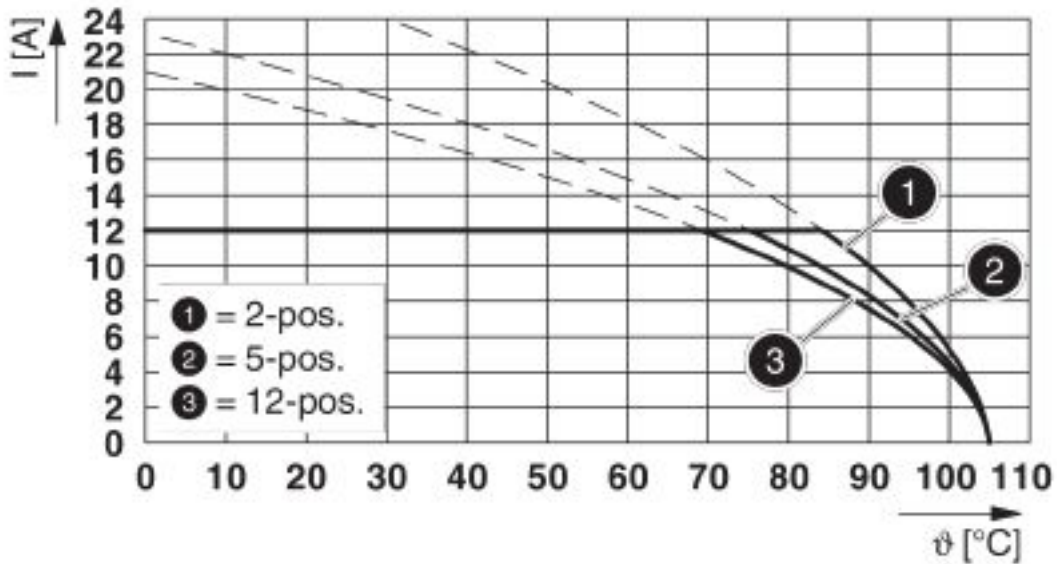
Diagram



Type: FKCT 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

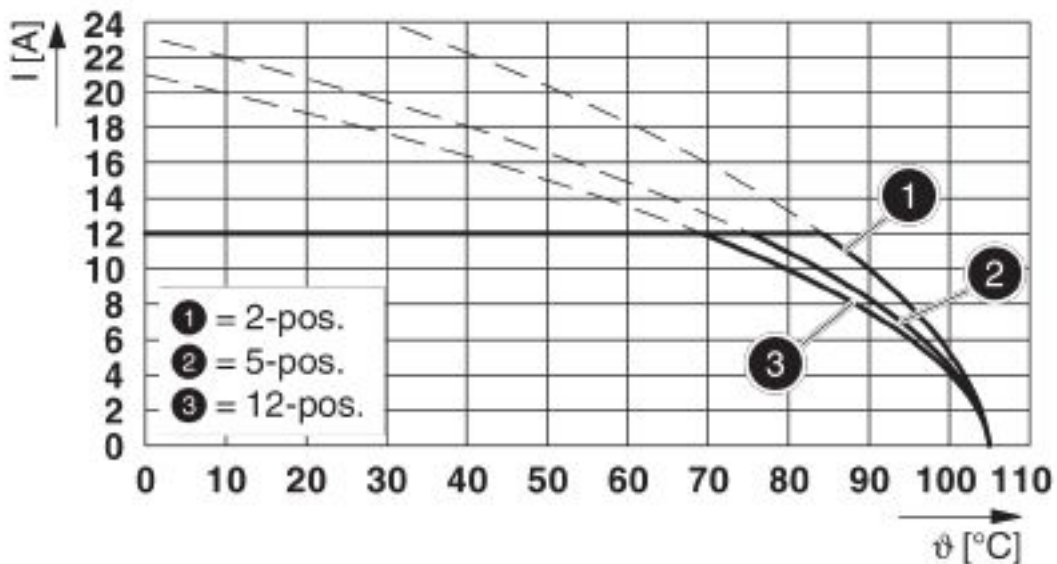
# Printed-circuit board connector - CC 2,5/23-GF-5,08-LR P26THR - 1827621

Diagram



Type: FKCVR 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

Diagram



Type: FKCVW 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

## Classifications

eCl@ss

eCl@ss 10.0.1	27440402
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## Classifications

### eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

### ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

### UNSPSC

UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

## Approvals

### Approvals

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#### Approvals


EAC / cULus Recognized

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#### Ex Approvals

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### Approval details

EAC		B.01687
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## Approvals

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19931011
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	16 A	10 A	

## Accessories

### Accessories

#### Coding element

Coding section - CR-MSTB - 1734401

Coding section, inserted into the recess in the header or the inverted plug, red insulating material



Coding section - CR-MSTB NAT HT - 1954362

HT coding section, prior to the reflow soldering process it is inserted into the recess on the header, made from high-temperature-resistant beige insulation material



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