

1016663

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Crimp contact

# Commercial data

Item number	1016663
Packing unit	5,000 pc
Minimum order quantity	5,000 pc
Note	Made to order (non-returnable)
Sales key	AA03
Product key	AACDCA
GTIN	4055626498430
Weight per piece (including packing)	2.22 g
Weight per piece (excluding packing)	0.12 g
Customs tariff number	85366990
Country of origin	DE



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# Technical data

# Notes

General	The crimp contacts may only be processed with approved crimping tools.
General	You can find ordering information for the approved crimping tool for automated conductor connections in the installation instructions in the Downloads section.
General	The crimp heights depend on the crimping tool used. You can find the values in the tool documentation.

# Mounting

Connection method	Crimp connection

# Product properties

Product type	Crimp contact
Product family	CDC-MP

# Connection data

Connection method	Crimp connection
Contact connection type	Socket
Stripping length	3 mm
Conductor cross section flexible	0.14 mm² 0.5 mm²
Conductor cross section AWG	26 20

# Material specifications

Contact surface	Tin Sn
Contact surface material	Tin
Metal surface terminal point (top layer)	Tin (2 - 4 μm Sn)
Metal surface contact area (top layer)	Tin (2 - 4 μm Sn)

# Electrical properties

Nominal current I <sub>N</sub>	6 A
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# Packaging specifications

Dimensional drawing	W. T. W. T. T. W. T.
Type of packaging	Belt



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# Classifications

UNSPSC 21.0

# **ECLASS**

ECLASS-11.0	27460403
ECLASS-12.0	27460403
ECLASS-13.0	27460403
ETIM	
ETIM 9.0	EC000796
UNSPSC	

39121500



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# Environmental product compliance

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



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### Accessories

CDDC 1,5/2-PV-3,5 - Direct connector

1016515

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PCB direct plug, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 4, number of rows: 2, number of positions: 2, number of connections: 4, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

# CDDC 1,5/3-PV-3,5 - Direct connector

1016513

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PCB direct plug, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 6, number of rows: 2, number of positions: 3, number of connections: 6, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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## CDDC 1,5/4-PV-3,5 - Direct connector

#### 1016512

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PCB direct plug, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 8, number of rows: 2, number of positions: 4, number of connections: 8, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 1,5/5-PV-3,5 - Direct connector

### 1016516

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PCB direct plug, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 10, number of rows: 2, number of positions: 5, number of connections: 10, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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# CDDC 1,5/6-PV-3,5 - Direct connector

#### 1016517

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PCB direct plug, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 12, number of rows: 2, number of positions: 6, number of connections: 12, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 1,5/7-PV-3,5 - Direct connector

#### 1016518

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PCB direct plug, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 14, number of rows: 2, number of positions: 7, number of connections: 14, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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# CDDC 1,5/8-PV-3,5 - Direct connector

1016519

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PCB direct plug, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 16, number of rows: 2, number of positions: 8, number of connections: 16, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 1,5/9-PV-3,5 - Direct connector

1016520

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PCB direct plug, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 18, number of rows: 2, number of positions: 9, number of connections: 18, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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## CDDC 1,5/10-PV-3,5 - Direct connector

1016521

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PCB direct plug, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 20, number of rows: 2, number of positions: 10, number of connections: 20, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 1,5/11-PV-3,5 - Direct connector

1016510

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PCB direct plug, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 22, number of rows: 2, number of positions: 11, number of connections: 22, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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## CDDC 1,5/12-PV-3,5 - Direct connector

1016522

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PCB direct plug, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 24, number of rows: 2, number of positions: 12, number of connections: 24, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 1,5/13-PV-3,5 - Direct connector

1016523

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PCB direct plug, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 26, number of rows: 2, number of positions: 13, number of connections: 26, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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## CDDC 1,5/14-PV-3,5 - Direct connector

1016524

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PCB direct plug, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 28, number of rows: 2, number of positions: 14, number of connections: 28, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 1,5/15-PV-3,5 - Direct connector

1016525

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PCB direct plug, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 30, number of rows: 2, number of positions: 15, number of connections: 30, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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# CDDC 1,5/16-PV-3,5 - Direct connector

#### 1016526

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PCB direct plug, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, number of potentials: 32, number of rows: 2, number of positions: 16, number of connections: 32, product range: CDDC 1,5/..-PV, pitch: 3.5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 2,5/ 2-PV-5,0 - Direct connector

# 1016293

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PCB direct plug, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 4, number of rows: 2, number of positions: 2, number of connections: 4, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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## CDDC 2,5/ 3-PV-5,0 - Direct connector

1016292

https://www.phoenixcontact.com/us/products/1016292



PCB direct plug, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 6, number of rows: 2, number of positions: 3, number of connections: 6, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 2,5/4-PV-5,0 - Direct connector

1016290

https://www.phoenixcontact.com/us/products/1016290



PCB direct plug, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 8, number of rows: 2, number of positions: 4, number of connections: 8, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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## CDDC 2,5/5-PV-5,0 - Direct connector

#### 1016289

https://www.phoenixcontact.com/us/products/1016289



PCB direct plug, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 10, number of rows: 2, number of positions: 5, number of connections: 10, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 2,5/6-PV-5,0 - Direct connector

# 1016288

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PCB direct plug, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 12, number of rows: 2, number of positions: 6, number of connections: 12, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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## CDDC 2,5/7-PV-5,0 - Direct connector

#### 1016286

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PCB direct plug, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 14, number of rows: 2, number of positions: 7, number of connections: 14, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, pin layout: Linear pinning, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 2,5/8-PV-5,0 - Direct connector

# 1016285

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PCB direct plug, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 16, number of rows: 2, number of positions: 8, number of connections: 16, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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## CDDC 2,5/ 9-PV-5,0 - Direct connector

#### 1016280

https://www.phoenixcontact.com/us/products/1016280



PCB direct plug, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 18, number of rows: 2, number of positions: 9, number of connections: 18, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 2,5/10-PV-5,0 - Direct connector

### 1016279

https://www.phoenixcontact.com/us/products/1016279



PCB direct plug, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 20, number of rows: 2, number of positions: 10, number of connections: 20, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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## CDDC 2,5/11-PV-5,0 - Direct connector

#### 1016278

https://www.phoenixcontact.com/us/products/1016278



PCB direct plug, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 22, number of rows: 2, number of positions: 11, number of connections: 22, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 2,5/12-PV-5,0 - Direct connector

# 1016277

https://www.phoenixcontact.com/us/products/1016277



PCB direct plug, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 24, number of rows: 2, number of positions: 12, number of connections: 24, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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## CDDC 2,5/13-PV-5,0 - Direct connector

#### 1016276

https://www.phoenixcontact.com/us/products/1016276



PCB direct plug, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 26, number of rows: 2, number of positions: 13, number of connections: 26, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 2,5/14-PV-5,0 - Direct connector

### 1016274

https://www.phoenixcontact.com/us/products/1016274



PCB direct plug, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 28, number of rows: 2, number of positions: 14, number of connections: 28, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard



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## CDDC 2,5/15-PV-5,0 - Direct connector

#### 1016273

https://www.phoenixcontact.com/us/products/1016273



PCB direct plug, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 30, number of rows: 2, number of positions: 15, number of connections: 30, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## CDDC 2,5/16-PV-5,0 - Direct connector

#### 1016272

https://www.phoenixcontact.com/us/products/1016272



PCB direct plug, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, number of potentials: 32, number of rows: 2, number of positions: 16, number of connections: 32, product range: CDDC 2,5/..-PV, pitch: 5 mm, connection method: Crimp connection, mounting: SKEDD - Direct plug-in technology, conductor/PCB connection direction: 90 °, plug-in system: SKEDD, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

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