

## Base strip - MC 1,5/ 8-GF-3,5 - 1843855

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://download.phoenixcontact.com>)

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Assembly: Soldering




The figure shows a 10-position version of the product

### Why buy this product

- ✓ Versions with engagement noses for locking plugs with self-locking flanges
- ✓ Plug-in direction parallel and vertical to the PCB
- ✓ Low-profile pin strips with compact pitches
- ✓ Individual position keying by inserting keying profiles



### Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 213 (CC-2011)
GTIN	 4 017918 112967
Custom tariff number	85366990
Country of origin	GERMANY

### Technical data

#### Dimensions / positions

Length	9.2 mm
Pitch	3.5 mm
Dimension a	24.5 mm
Number of positions	8
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

#### Technical data

Range of articles	MC 1,5/...-GF
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV

## Base strip - MC 1,5/ 8-GF-3,5 - 1843855

### Technical data

#### Technical data

Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V
Maximum load current	8 A
Insulating material	PBT
Inflammability class according to UL 94	V0
Color	green
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	8 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	8 A

### Classifications

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

#### UNSPSC

UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409
UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409

#### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

### Approvals

#### Approvals

---

# Base strip - MC 1,5/ 8-GF-3,5 - 1843855

## Approvals

Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IEC60335-1 / IEC60335-2-15 / IEC60335-2-16 / IEC60335-2-17 / IEC60335-2-18 / IEC60335-2-19 / IEC60335-2-20 / IEC60335-2-21 / IEC60335-2-22 / IEC60335-2-23 / IEC60335-2-24 / IEC60335-2-25 / IEC60335-2-26 / IEC60335-2-27 / IEC60335-2-28 / IEC60335-2-29 / IEC60335-2-30 / IEC60335-2-31 / IEC60335-2-32 / IEC60335-2-33 / IEC60335-2-34 / IEC60335-2-35 / IEC60335-2-36 / IEC60335-2-37 / IEC60335-2-38 / IEC60335-2-39 / IEC60335-2-40 / IEC60335-2-41 / IEC60335-2-42 / IEC60335-2-43 / IEC60335-2-44 / IEC60335-2-45 / IEC60335-2-46 / IEC60335-2-47 / IEC60335-2-48 / IEC60335-2-49 / IEC60335-2-50 / IEC60335-2-51 / IEC60335-2-52 / IEC60335-2-53 / IEC60335-2-54 / IEC60335-2-55 / IEC60335-2-56 / IEC60335-2-57 / IEC60335-2-58 / IEC60335-2-59 / IEC60335-2-60 / IEC60335-2-61 / IEC60335-2-62 / IEC60335-2-63 / IEC60335-2-64 / IEC60335-2-65 / IEC60335-2-66 / IEC60335-2-67 / IEC60335-2-68 / IEC60335-2-69 / IEC60335-2-70 / IEC60335-2-71 / IEC60335-2-72 / IEC60335-2-73 / IEC60335-2-74 / IEC60335-2-75 / IEC60335-2-76 / IEC60335-2-77 / IEC60335-2-78 / IEC60335-2-79 / IEC60335-2-80 / IEC60335-2-81 / IEC60335-2-82 / IEC60335-2-83 / IEC60335-2-84 / IEC60335-2-85 / IEC60335-2-86 / IEC60335-2-87 / IEC60335-2-88 / IEC60335-2-89 / IEC60335-2-90 / IEC60335-2-91 / IEC60335-2-92 / IEC60335-2-93 / IEC60335-2-94 / IEC60335-2-95 / IEC60335-2-96 / IEC60335-2-97 / IEC60335-2-98 / IEC60335-2-99 / IEC60335-2-100

Ex Approvals

Approvals submitted

## Approval details

CSA		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	300 V	300 V

UL Recognized		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

cUL Recognized		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	300 V	300 V

GOST		
------	--	--

# Base strip - MC 1,5/ 8-GF-3,5 - 1843855

## Approvals

IECEE CB Scheme	
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V



## Accessories

### Accessories

### Marking

Marker cards - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, For terminal block width: 3.5 mm

### Plug/Adapter

Coding profile - CP-MSTB - 1734634

Keying profile, is inserted into the slot on the plug or inverted header, red insulating material



Fiber optics - MC 1,5/10-LWL 1,5-3,5 - 1841161

Fiber optics, Pitch: 3.5 mm, Number of positions: 10, Dimension a: 1.5 mm, Color: transparent



## Base strip - MC 1,5/ 8-GF-3,5 - 1843855

### Accessories

Fiber optics - MC 1,5/10-LWL 2,3-3,5 - 1841187

Fiber optics, Pitch: 3.5 mm, Number of positions: 10, Dimension a: 2.3 mm, Color: transparent



Fiber optics - MC 1,5/10-LWL 4-3,5 - 1841200

Fiber optics, Pitch: 3.5 mm, Number of positions: 10, Dimension a: 4 mm, Color: transparent



### Additional products

Printed-circuit board connector - MC 1,5/ 8-STF-3,5 - 1847181

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 3.5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MCVR 1,5/ 8-STF-3,5 - 1863369

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 3.5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MCVW 1,5/ 8-STF-3,5 - 1863068

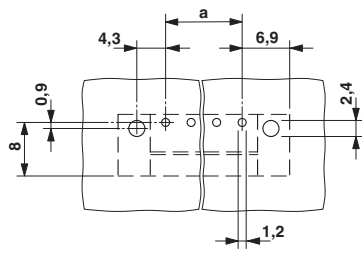
Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 8, Pitch: 3.5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



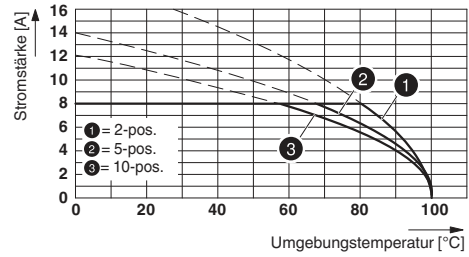
### Drawings

# Base strip - MC 1,5/ 8-GF-3,5 - 1843855

Drilling diagram

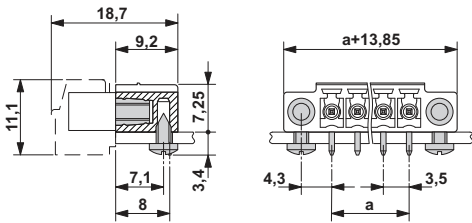


Diagram



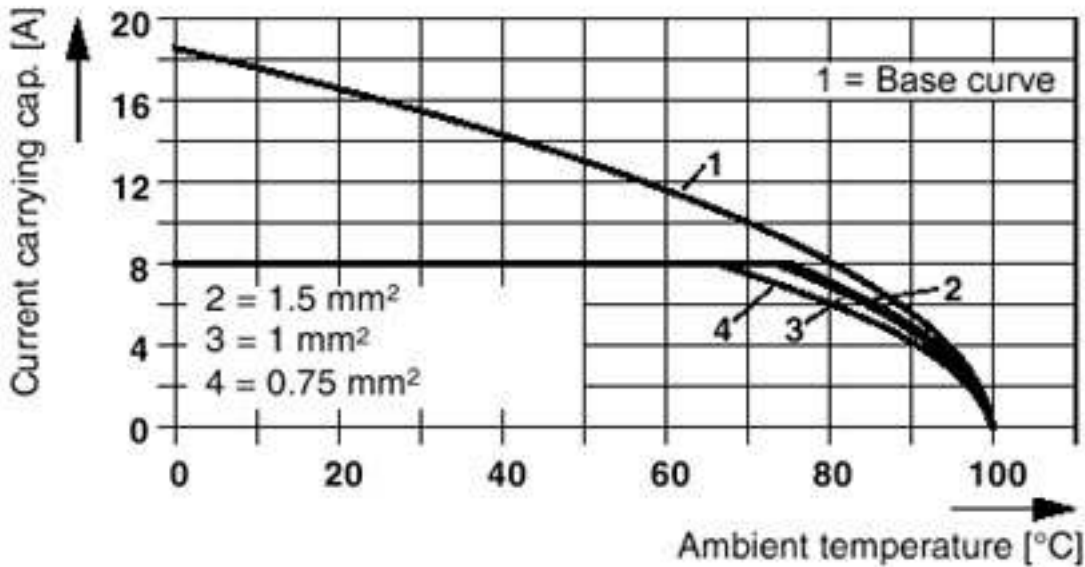
Type: TFMC 1,5/...-STF-3,5 with MC 1,5/...-GF-3,5

Dimensioned drawing



Diagram

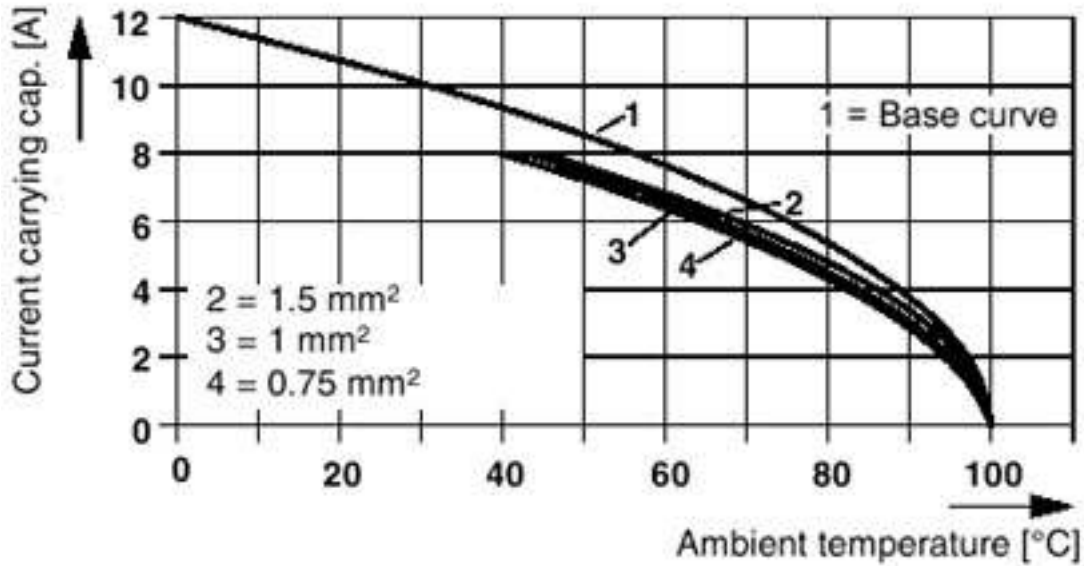
Plug: FRONT-MC 1,5/5-ST(F)-3,81(3,5)  
 Header: MC(V) 1,5/5-G(F)-3,81(3,5)



# Base strip - MC 1,5/ 8-GF-3,5 - 1843855

Diagram

Plug: MCVR(W) 1,5/5-ST(F)-3,81(3,5)  
Header: MC(V) 1,5/5-G(F)-3,81(3,5)



Diagram

Plug: MC 1,5/5-ST(F)-3,81(3,5)  
Header: MC(V) 1,5/5-G(F)-3,81(3,5)

