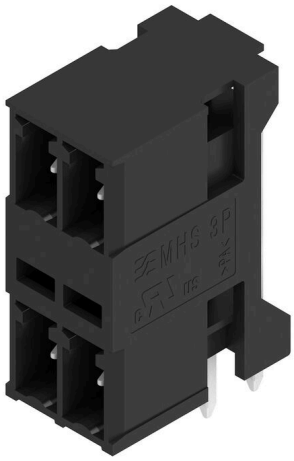
Data sheet

MHS 3P/04 H T3 B B

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com





General ordering data

Version	PCB plug-in connector, male header, THT/THR solder connection, Pitch in mm (P): 3.50 mm, Number of poles: 4, 90°, Box
Order No.	8000179353
Type	MHS 3P/04 H T3 B B
GTIN (EAN)	4099987944403
Qty.	1 items
Product data	IEC: 320 V / 10 A UL: / 8 A
Packaging	Box

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Technical data

Dimensions and weights

Depth	13.3 mm	Depth (inches)	0.5236 inch
Height	22.2 mm	Height (inches)	0.874 inch
Height of lowest version	19 mm	Width	8 mm
Width (inches)	0.315 inch	Net weight	0.28 g

Temperatures

Ambient temperature	-50 °C...125 °C

Material data

Insulating material	PA 9T	Colour	black
Colour chart (similar)	RAL 9011	Insulating material group	I
Comparative Tracking Index (CTI)	≥ 600	Moisture Level (MSL)	1
UL 94 flammability rating	V-0	Contact base material	CuMg
Contact material	Cu-alloy	Contact surface	tinned
Tinning type	matt	Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C	Operating temperature, min.	-50 °C
Operating temperature, max.	125 °C		

Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current at min. number of poles (Tu = 20 °C)	10 A
Rated current, max. number of poles (Tu=20°C)	8 A	Rated current, min. number of poles (Tu=40°C)	9 A
Rated current at max. number of poles (Tu = 40 °C)	7 A	Rated voltage for surge voltage class (pollution degree II/2)	320 V
Rated voltage for surge voltage class (pollution degree III/2)	160 V	Rated voltage for surge voltage class (pollution degree III/3)	160 V
Rated impulse voltage for surge voltage class (pollution degree II/2)	2.5 kV	Rated impulse voltage for surge voltage class (pollution degree III/2)	2.5 kV
Rated impulse voltage for surge voltage class (contamination degree III/3)	2.5 kV		

Rated data acc. to UL 1059

Rated voltage for surge voltage class (Use group F / UL 1059 / pollution degree III/2)	160 V	Rated voltage for surge voltage class (Use group F / UL 1059 / pollution degree III/3)	160 V
Rated voltage (Use group C / UL 1059)	50 V	Rated voltage (Use group D / UL 1059)	150 V
Rated voltage (Use group F / UL 1059)	160 V	Rated current (Use group B / UL 1059)	8 A
Rated current (Use group C / UL 1059)	8 A	Rated current (Use group D / UL 1059)	8 A
Rated current (Use group F / UL 1059)	8 A		

Important note

Notes	• Rated current related to rated cross-section & min. No. of poles. • P on drawing = pitch • Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards. • In accordance with IEC 61984, OMNIMATE-connectors are connectors without breaking capacity (COC). During designated use, connectors are not allowed to be engaged or disengaged when live or under load • Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months

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Technical data

Classifications

ETIM 8.0	EC002637	ETIM 9.0	EC002637
ETIM 10.0	EC002637	ECLASS 14.0	27-46-02-01
ECLASS 15.0	27-46-02-01		

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Drawings

