

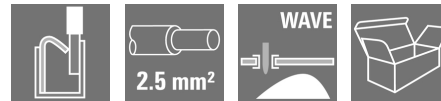
LMFS 7.50/12/90 3.5SN BK BX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**The innovative quick connector - simple, safe and economical:**

PCB terminals with spring connection and direct PUSH IN technology. A milestone in connection technology.

Amazingly simple and simply amazing in practice:

- Connect and easily detach solid wires or wires with wire-end ferrules without using tools
- Processed automatically in the reflow or vapour phase
- Potentials and clamping points marked clearly by coloured push buttons

World-class design-in and processing phases, and suitable for a vast range of applications.

General ordering data

Version	Printed circuit board terminals, Number of poles: 12, PUSH IN without actuator
Order No.	2667410000
Type	LMFS 7.50/12/90 3.5SN BK BX
GTIN (EAN)	4050118815290
Qty.	15 pc(s).
Product data	UL:

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Technical data

Dimensions and weights

Net weight 19.997 g

System parameters

Product family	OMNIMATE Signal - series LMF	Wire connection method	PUSH IN without actuator
Pitch in inches (P)	0.295 "	Number of poles	12
Pin series quantity	1	Protection degree	IP20

Material data

Insulating material	Wemid (PA)	Comparative Tracking Index (CTI)	≥ 600
UL 94 flammability rating	V-0	Contact material	Cu-alloy
Layer structure of solder connection	4...8 µm Sn matt	Storage temperature, min.	-40 °C
Storage temperature, max.	70 °C		

Conductors suitable for connection

Reference text Length of ferrules is to be chosen depending on the product and the rated voltage. The outside diameter of the plastic collar should not be larger than the pitch (P)

Packing

VPE length 338 mm VPE width 130 mm
 VPE height 27 mm

Type tests

Test: Durability of markings	Standard	IEC 61984 section 6.2 and 7.3.2 / 10.11
	Test	mark of origin, type identification, approval marking UL, approval marking CSA, durability
	Evaluation	available
Test: Clampable cross section	Conductor type	Type of conductor and solid 0.2 mm ² conductor cross-section
		Type of conductor and stranded 0.2 mm ² conductor cross-section
		Type of conductor and solid 2.5 mm ² conductor cross-section
	Evaluation	passed

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Test for damage to and accidental loosening of conductors	Standard	IEC 60999-1 section 9.4 / 11.99
	Requirement	0.2 kg
	Conductor type	Type of conductor and solid 0.2 mm ² conductor cross-section
		Type of conductor and stranded 0.2 mm ² conductor cross-section
	Evaluation	passed
	Requirement	0.7 kg
Pull-out test	Standard	IEC 60999-1 section 9.5 / 11.99
	Requirement	≥10 N
	Conductor type	Type of conductor and solid 0.2 mm ² conductor cross-section
		Type of conductor and stranded 0.2 mm ² conductor cross-section
Evaluation	passed	
	Requirement	≥50 N
	Conductor type	Type of conductor and solid 2.5 mm ² conductor cross-section
	Evaluation	passed

Classifications

ETIM 6.0	EC002643	ETIM 7.0	EC002643
ETIM 8.0	EC002643	ETIM 9.0	EC002643
ECLASS 9.0	27-44-04-01	ECLASS 9.1	27-44-04-01
ECLASS 10.0	27-44-04-01	ECLASS 11.0	27-46-01-01
ECLASS 12.0	27-46-01-01	ECLASS 13.0	27-46-01-01

Important note

IPC conformity	Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.
Notes	<ul style="list-style-type: none"> Additional variants on request Rated current related to rated cross-section & min. No. of poles. Wire end ferrule without plastic collar to DIN 46228/1 Wire end ferrule with plastic collar to DIN 46228/4 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. The test point can only be used as potential-pickup point. Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months

Data sheet

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Technical data

Downloads

Catalogues

[Catalogues in PDF-format](#)

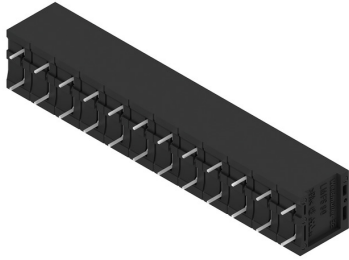
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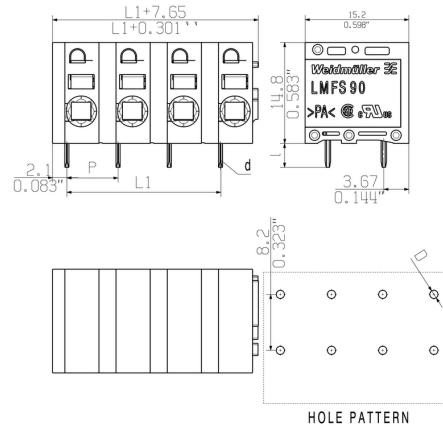
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Drawings

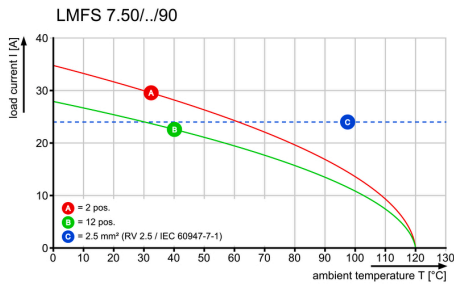
Product image



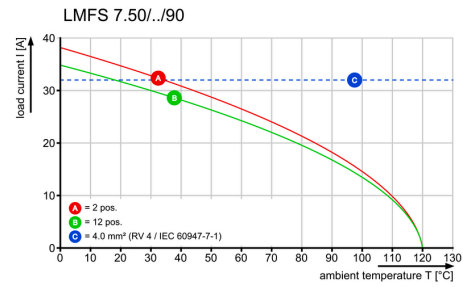
Dimensional drawing



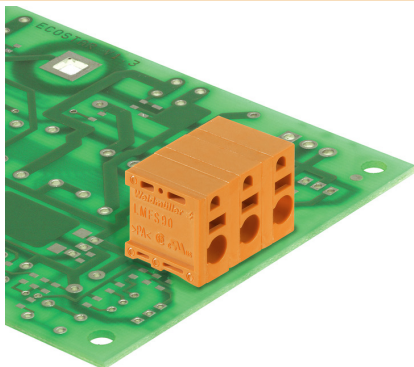
Derating curve



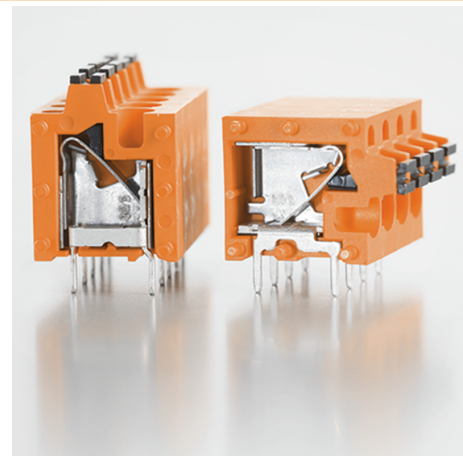
Derating curve



Product benefits



Product benefits



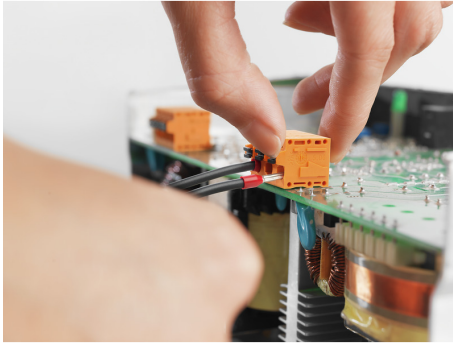
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Drawings

Product benefits



Product benefits

