



#### General ordering data

Order No.	1952570000
Part designation	LMZF 7/2/135 3.5OR
Version	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 2, 135°, Box
EAN	4032248662340
Qty.	100 pc(s).

#### System parameters

Product family	System LM
Conductor connection system	Tension clamp connection
Fitted to PCB	Soldered connection
Outgoing direction of conductor	135°
Pitch	7.5 mm
Pitch in inch	0.295 inch
No. of poles	2
Max. adjacent poles per row	12
Solder pin length	3.5 mm
Dia. of fitting hole	1.3 mm
No. of solder pins per pole	2
Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264-A
Stripping length	6 mm
L1 in mm	7.5 mm
L1 in inch	0.295 inch
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch

#### Material data

Insulating material	Wemid (PA)
Colour	orange
colour chart	Similar to RAL 2000
Insulating material group	I
Flammability class UL 94	V-0

**Material data**

CTI	>= 600
Contact base material	E-Cu
Contact surface	tinned
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C

**Connectable conductors**

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>
AWG, min.	26
AWG, max.	14
Solid, min. H05(07) V-U	0.13 mm <sup>2</sup>
Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.13 mm <sup>2</sup>
Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, min.	0.25 mm <sup>2</sup>
With wire end ferrule, acc. to DIN 46 228/1, max.	1.5 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm <sup>2</sup>
w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm <sup>2</sup>

**DIN IEC rating data**

Rated current, min. No. pins (Tu=20°C)	24 A
Rated current, max. No. pins (Tu=20°C)	24 A
Rated current, min. No. pins (Tu=40°C)	24 A
Rated current, max. No. pins (Tu=40°C)	24 A
Rated voltage for overvoltage class/pollution severity II/2	1,000 V
Rated voltage for overvoltage class/pollution severity III/2	800 V
Rated voltage for overvoltage class/pollution severity III/3	400 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	6 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	6 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	6 kV

**CSA rating data**

Rated current (Use group C)	15 A
Rated voltage (Use group C)	150 V
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A
AWG conductor (field wiring), min.	26
AWG conductor (field wiring), max.	14

**UL 1059 rating data**

Rated voltage (Use group C)	150 V
Rated current (Use group C)	15 A
Rated voltage (Use group D)	300 V
Rated current (Use group D)	10 A

**UL 1059 rating data**

AWG conductor, min.	26
AWG conductor, max.	14

**Approvals**

Approvals institutes

**Classifications**

eClass 5.1	27-26-11-01
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**Similar products**

Order No.	Part designation	Version
1952240000	LMZF 7/2/135 3.5SW	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 2, 135°, Box
1952460000	LMZF 7/2/135 3.5GR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 2, 135°, Box
1952350000	LMZF 7/2/135 3.5GN	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 2, 135°, Box
1952580000	LMZF 7/3/135 3.5OR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 3, 135°, Box
1952250000	LMZF 7/3/135 3.5SW	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 3, 135°, Box
1952470000	LMZF 7/3/135 3.5GR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 3, 135°, Box
1952360000	LMZF 7/3/135 3.5GN	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 3, 135°, Box
1952590000	LMZF 7/4/135 3.5OR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 4, 135°, Box
1952260000	LMZF 7/4/135 3.5SW	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 4, 135°, Box
1952480000	LMZF 7/4/135 3.5GR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 4, 135°, Box
1952370000	LMZF 7/4/135 3.5GN	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 4, 135°, Box

1952600000	LMZF 7/5/135 3.5OR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 5, 135°, Box
1952270000	LMZF 7/5/135 3.5SW	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 5, 135°, Box
1952490000	LMZF 7/5/135 3.5GR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 5, 135°, Box
1952380000	LMZF 7/5/135 3.5GN	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 5, 135°, Box
1952610000	LMZF 7/6/135 3.5OR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 6, 135°, Box
1952280000	LMZF 7/6/135 3.5SW	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 6, 135°, Box
1952500000	LMZF 7/6/135 3.5GR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 6, 135°, Box
1952390000	LMZF 7/6/135 3.5GN	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 6, 135°, Box
1952620000	LMZF 7/7/135 3.5OR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 7, 135°, Box
1952290000	LMZF 7/7/135 3.5SW	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 7, 135°, Box
1952510000	LMZF 7/7/135 3.5GR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 7, 135°, Box
1952400000	LMZF 7/7/135 3.5GN	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 7, 135°, Box
1952630000	LMZF 7/8/135 3.5OR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 8, 135°, Box
1952300000	LMZF 7/8/135 3.5SW	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 8, 135°, Box
1952520000	LMZF 7/8/135 3.5GR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 8, 135°, Box
1952410000	LMZF 7/8/135 3.5GN	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 8, 135°, Box
1952640000	LMZF 7/9/135 3.5OR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 9, 135°, Box

1952310000	LMZF 7/9/135 3.5SW	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 9, 135°, Box
1952530000	LMZF 7/9/135 3.5GR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 9, 135°, Box
1952420000	LMZF 7/9/135 3.5GN	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 9, 135°, Box
1952650000	LMZF 7/10/135 3.5OR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 10, 135°, Box
1952320000	LMZF 7/10/135 3.5SW	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 10, 135°, Box
1952540000	LMZF 7/10/135 3.5GR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 10, 135°, Box
1952430000	LMZF 7/10/135 3.5GN	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 10, 135°, Box
1952660000	LMZF 7/11/135 3.5OR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 11, 135°, Box
1952330000	LMZF 7/11/135 3.5SW	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 11, 135°, Box
1952550000	LMZF 7/11/135 3.5GR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 11, 135°, Box
1952440000	LMZF 7/11/135 3.5GN	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 11, 135°, Box
1952670000	LMZF 7/12/135 3.5OR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 12, 135°, Box
1952340000	LMZF 7/12/135 3.5SW	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 12, 135°, Box
1952560000	LMZF 7/12/135 3.5GR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 12, 135°, Box
1952450000	LMZF 7/12/135 3.5GN	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 7.50 mm, No. of poles: 12, 135°, Box