



General ordering data

Order No.	1952600000
Part designation	LMZF 7/5/135 3.5OR
Version	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 7.50 mm, No. of poles: 5, 135°, Box
EAN	4032248662463
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	5
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	30 mm
L1 in inch	1.181 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 ²
Clamping range, max.	2.5 mm ²
AWG, min.	26
AWG, max.	14
Solid, min. H05(07) V-U	0.13 mm ²
Solid, max. H05(07) V-U	2.5 mm ²
Flexible, min. H05(07) V-K	0.13 mm ²
Flexible, max. H05(07) V-K	2.5 mm ²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.25 mm ²
With wire end ferrule, acc. to DIN 46 228/1, max.	1.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.25 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm ²

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
1952570000	LMZF 7/2/135 3.5OR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm ² , Pitch: 7.50 mm, No. of poles: 2, 135°, Box
1952240000	LMZF 7/2/135 3.5SW	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , Pitch: 7.50 mm, No. of poles: 4, 135°, Box
1952270000	LMZF 7/5/135 3.5SW	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , Pitch: 7.50 mm, No. of poles: 12, 135°, Box