



General ordering data

Order No.	1953020000
Part designation	LMZFL 7/3/135 3.5OR
Version	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm ² , Pitch: 7.50 mm, No. of poles: 3, 135°, Box
EAN	4032248663262
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	3
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	15 mm
L1 in inch	0.591 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
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

Connectable conductors

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

Approvals

Approvals institutes

**Downloads**

CAD Library (P-CAD Format - Standard)	LMZFL.LIB
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Classifications

eClass 5.1

27-26-11-01

Similar products

Order No.	Part designation	Version
1953010000	LMZFL 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
1952680000	LMZFL 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
1952900000	LMZFL 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
1952790000	LMZFL 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
1952690000	LMZFL 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
1952910000	LMZFL 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
1952800000	LMZFL 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
1953030000	LMZFL 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
1952700000	LMZFL 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
1952920000	LMZFL 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
1952810000	LMZFL 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
1953040000	LMZFL 7/5/135 3.5OR	PCB terminal, Tension clamp connection, Soldered connection, Clamping range, max.: 2.5 mm ² , Pitch: 7.50 mm, No. of poles: 5, 135°, Box
1952710000	LMZFL 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
1952930000	LMZFL 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

1952820000	LMZFL 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
1953050000	LMZFL 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
1952720000	LMZFL 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
1952940000	LMZFL 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
1952830000	LMZFL 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
1953060000	LMZFL 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
1952730000	LMZFL 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
1952950000	LMZFL 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
1952840000	LMZFL 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
1953070000	LMZFL 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
1952740000	LMZFL 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
1952960000	LMZFL 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
1952850000	LMZFL 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
1953080000	LMZFL 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
1952750000	LMZFL 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
1952970000	LMZFL 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
1952860000	LMZFL 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

1953090000	LMZFL 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
1952760000	LMZFL 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
1952980000	LMZFL 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
1952870000	LMZFL 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
1953100000	LMZFL 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
1952770000	LMZFL 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
1952990000	LMZFL 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
1952880000	LMZFL 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
1953110000	LMZFL 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
1952780000	LMZFL 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
1953000000	LMZFL 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
1952890000	LMZFL 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