



#### General ordering data

Order No.	9994420000
Part designation	LM5.08/12/135 3.5 SW
Version	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 135°, Box
EAN	4032248377138
Qty.	50 pc(s).

#### System parameters

Product family	System LM
Conductor connection system	Clamping yoke connection
Fitted to PCB	Soldered connection
Outgoing direction of conductor	135°
Pitch	5.08 mm
Pitch in inch	0.2 inch
No. of poles	12
Fitted by customer	yes
Max. adjacent poles per row	24
No. of rows	1
Solder pin length	3.5 mm
Dia. of fitting hole	1.3 mm
Fitting hole tolerance	+ 0.1 mm
No. of solder pins per pole	1

#### System parameters

Screwdriver blade	0.6 x 3.5
Screwdriver blade standard	DIN 5264
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.5 Nm
Clamping screw	M 2.5
Stripping length	6 mm
L1 in mm	55.88 mm
L1 in inch	2.2 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	black
colour chart	Similar to RAL 9011
Insulating material group	I
Flammability class UL 94	V-0
CTI	>= 600
Temperature of glow-wire test	750 °C
Duration of glow-wire test	30 S
Contact base material	Copper alloy
Contact surface	tinned
Storage temperature, min.	-25 °C
Storage temperature, max.	55 °C

#### Connectable conductors

Clamping range, min.	0.2 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>
AWG, min.	24
AWG, max.	14
O.D. of conductor insulation, max.	2.9 mm
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>
Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 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>
Gauge to EN 60999 a x b; ø	2.4 mm x 1.5 mm; 1.9mm

#### DIN IEC rating data

Rated current, min. No. pins (Tu=20°C)	17.5 A
Rated current, max. No. pins (Tu=20°C)	16 A
Rated current, min. No. pins (Tu=40°C)	17.5 A
Rated current, max. No. pins (Tu=40°C)	14.2 A
Rated voltage for overvoltage class/pollution severity II/2	630 V
Rated voltage for overvoltage class/pollution severity III/2	320 V

#### DIN IEC rating data

Rated voltage for overvoltage class/pollution severity III/3	250 V
Rated impulse withstand voltage for overvoltage class/pollution severity II/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/2	4 kV
Rated impulse withstand voltage for overvoltage class/pollution severity III/3	4 kV
Short-time withstand current resistance	3 x 1s with 120 A

#### CSA rating data

Rated voltage, user group D	300 V
Rated current, user group D	10 A
AWG conductor (field wiring), min.	24
AWG conductor (field wiring), max.	14

#### UL 1059 rating data

Rated voltage, user group D	300 V
Rated current, user group D	10 A
AWG conductor, min.	24
AWG conductor, max.	14

#### Approvals

Approvals institutes



#### Downloads

CAD Library (P-CAD Format - Standard)	LM.lib
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#### Classifications

ETIM 2.0	NK
ETIM 3.0	EC001284
eClass 4.1	NK
eClass 5.0	NK
eClass 5.1	NK

#### Similar products

Order No.	Part designation	Version
1716120000	LM5.08/2/135 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 135°, Box
1716060000	LM5.08/2/135 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 135°, Box
1915440000	LM 5.08/2/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 135°, Box
1716180000	LM5.08/2/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 2, 135°, Box
1716130000	LM5.08/3/135 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 135°, Box
1716070000	LM5.08/3/135 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 135°, Box
1915460000	LM 5.08/3/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 135°, Box
1716190000	LM5.08/3/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 3, 135°, Box
9994550000	LM5.08/4/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 135°, Box
9994340000	LM5.08/4/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 135°, Box
1915490000	LM 5.08/4/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 135°, Box
1915350000	LM5.08/4/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 4, 135°, Box
9994560000	LM5.08/5/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 135°, Box
9994350000	LM5.08/5/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 135°, Box
1915530000	LM 5.08/5/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 135°, Box
1915360000	LM5.08/5/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 5, 135°, Box
9994570000	LM5.08/6/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 135°, Box

9994360000	LM5.08/6/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 135°, Box
1915540000	LM 5.08/6/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 135°, Box
1915370000	LM5.08/6/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 6, 135°, Box
9994580000	LM5.08/7/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 135°, Box
9994370000	LM5.08/7/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 135°, Box
1915550000	LM 5.08/7/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 135°, Box
1915380000	LM5.08/7/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 7, 135°, Box
9994590000	LM5.08/8/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 135°, Box
9994380000	LM5.08/8/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 135°, Box
1915560000	LM 5.08/8/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 135°, Box
1915390000	LM5.08/8/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 8, 135°, Box
9994600000	LM5.08/9/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 135°, Box
9994390000	LM5.08/9/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 135°, Box
1915570000	LM 5.08/9/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 135°, Box
1915400000	LM5.08/9/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 9, 135°, Box
9994610000	LM5.08/10/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 135°, Box
9994400000	LM5.08/10/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 135°, Box

1915580000	LM 5.08/10/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 135°, Box
1915410000	LM5.08/10/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 10, 135°, Box
9994620000	LM5.08/11/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 135°, Box
9994410000	LM5.08/11/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 135°, Box
1915590000	LM 5.08/11/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 135°, Box
1915420000	LM5.08/11/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 11, 135°, Box
9994630000	LM5.08/12/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 135°, Box
1915600000	LM 5.08/12/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 135°, Box
1915430000	LM5.08/12/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 12, 135°, Box
9994640000	LM5.08/13/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 135°, Box
9994430000	LM5.08/13/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 13, 135°, Box
9994650000	LM5.08/14/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 135°, Box
9994440000	LM5.08/14/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 14, 135°, Box
9994660000	LM5.08/15/135 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 135°, Box
9994450000	LM5.08/15/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 15, 135°, Box
9994670000	LM5.08/16/135 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 135°, Box
9994460000	LM5.08/16/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 16, 135°, Box

9994680000	LM5.08/17/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 17, 135°, Box
9994470000	LM5.08/17/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 17, 135°, Box
9994690000	LM5.08/18/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 18, 135°, Box
9994480000	LM5.08/18/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 18, 135°, Box
9994700000	LM5.08/19/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 19, 135°, Box
9994490000	LM5.08/19/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 19, 135°, Box
9994720000	LM5.08/21/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 21, 135°, Box
9994510000	LM5.08/21/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 21, 135°, Box
9994710000	LM5.08/20/135 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 20, 135°, Box
9994500000	LM5.08/20/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 20, 135°, Box
9994730000	LM5.08/22/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 22, 135°, Box
9994520000	LM5.08/22/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 22, 135°, Box
9994740000	LM5.08/23/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 23, 135°, Box
9994530000	LM5.08/23/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 23, 135°, Box
9994750000	LM5.08/24/135 3.5 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 24, 135°, Box
9994540000	LM5.08/24/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm <sup>2</sup> , Pitch: 5.08 mm, No. of poles: 24, 135°, Box