







General ordering data	
Order No.	1715300000
Part designation	LM5.00/3/135 SW
Version	PCB terminal, Clamping yoke connection,
	Soldered connection, Clamping range, max.: 2.5
	mm ² , Pitch: 5.00 mm, No. of poles: 3, 135°, Box
EAN	4008190365189
Qty.	500 pc(s).

Product family	System LM
Conductor connection system	Clamping yoke connection
Fitted to PCB	Soldered connection
Outgoing direction of conductor	135°
Pitch	5 mm
Pitch in inch	0.197 inch
No. of poles	3
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	
System parameters Screwdriver blade	0.6 x 3.5
Screwdriver blade Screwdriver blade standard	DIN 5264
	0.4 Nm
Tightening torque, min.	
Tightening torque, max.	0.5 Nm M 2.5
Clamping screw	
Stripping length	6 mm
L1 in mm	10 mm
L1 in inch	0.394 inch
Electric shock protection to DIN VDE 0470	IP 20
Electric shock protection to DIN VDE 0470	Safe from finger touch
Material data	N/ - 11 (DA)
Insulating material	Wemid (PA)
Colour	black
colour chart	Similar to RAL 9011
Insulating material group	
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 ²
Clamping range, max.	2.5 mm ²
AWG, min.	24
AWG, max.	14
O.D. of conductor insulation, max.	2.9 mm
Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	1.5 mm²
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 mm²
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
Gauge to EN 60999 a x b; ø	2.4 mm x 1.5 mm; 1.9mm
caage to are considered and are	
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	630 V
severity II/2	000 v
Rated voltage for overvoltage class/pollution	320 V
severity III/2	OLO V
Severity III/2	



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



Similar products

1715350000	LM5.00/2/135 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 2, 135°, Box
1715290000	LM5.00/2/135 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 2, 135°, Box
1913440000	LM 5.00/2/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 2, 135°, Box
1715410000	LM5.00/2/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 2, 135°, Box
1715360000	LM5.00/3/135 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 3, 135°, Box
1913450000	LM 5.00/3/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 3, 135°, Box
1715420000	LM5.00/3/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 3, 135°, Box
1845390000	LM5.00/4/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 4, 135°, Box
9993510000	LM5.00/4/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 4, 135°, Box
1913460000	LM 5.00/4/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 4, 135°, Box
1913330000	LM 5.00/4/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 4, 135°, Box
1845400000	LM5.00/5/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 5, 135°, Box
9993520000	LM5.00/5/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 5, 135°, Box
1913470000	LM 5.00/5/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 5, 135°, Box
1913340000	LM 5.00/5/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 5, 135°, Box
1845410000	LM5.00/6/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 6, 135°, Box



9993530000	LM5.00/6/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 6,
1913480000	LM 5.00/6/135 GR	135°, Box PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 6, 135°, Box
1913350000	LM 5.00/6/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 6, 135°, Box
1845420000	LM5.00/7/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 7, 135°, Box
9993540000	LM5.00/7/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 7, 135°, Box
1913360000	LM 5.00/7/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 7, 135°, Box
1913490000	LM 5.00/7/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 7, 135°, Box
1845430000	LM5.00/8/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 8, 135°, Box
9993550000	LM5.00/8/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 8, 135°, Box
1913500000	LM 5.00/8/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 8, 135°, Box
1913370000	LM 5.00/8/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 8, 135°, Box
1845440000	LM5.00/9/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 9, 135°, Box
9993560000	LM5.00/9/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 9, 135°, Box
1913510000	LM 5.00/9/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 9, 135°, Box
1913400000	LM 5.00/9/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 9, 135°, Box
1845450000	LM5.00/10/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 10, 135°, Box
9993570000	LM5.00/10/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 10, 135°, Box



1913520000	LM 5.00/10/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 10, 135°, Box
1913410000	LM 5.00/10/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.00 mm, No. of poles: 10, 135°, Box
1845460000	LM5.00/11/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.00 mm, No. of poles: 11, 135°, Box
9993580000	LM5.00/11/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 11, 135°, Box
1913530000	LM 5.00/11/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 11, 135°, Box
1913420000	LM 5.00/11/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 11, 135°, Box
1845470000	LM5.00/12/135 3.5OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 12, 135°, Box
9993590000	LM5.00/12/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 12, 135°, Box
1913540000	LM 5.00/12/135 GR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 12, 135°, Box
1913430000	LM 5.00/12/135 GN	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm ² , Pitch: 5.00 mm, No. of poles: 12, 135°, Box
9993600000	LM5.00/13/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 13, 135°, Box
9993610000	LM5.00/14/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 14, 135°, Box
9993620000	LM5.00/15/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 15, 135°, Box
9993630000	LM5.00/16/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 16, 135°, Box
9993640000	LM5.00/17/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 17, 135°, Box
9993650000	LM5.00/18/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 18, 135°, Box
9993660000	LM5.00/19/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 19, 135°, Box



	9993670000	LM5.00/20/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 20, 135°, Box
	9993680000	LM5.00/21/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 21, 135°, Box
	9993690000	LM5.00/22/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 22, 135°, Box
	9993700000	LM5.00/23/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 23, 135°, Box
	9993710000	LM5.00/24/135 3.5 SW	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.00 mm, No. of poles: 24, 135°, Box