



General ordering data

Order No. Part designation Version

EAN Qty.

System parameters

Product family Conductor connection system Fitted to PCB Outgoing direction of conductor Pitch Pitch in inch No. of poles Fitted by customer Max. adjacent poles per row No. of rows Solder pin length Dia. of fitting hole Fitting hole tolerance No. of solder pins per pole 9994420000 LM5.08/12/135 3.5 SW PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm², Pitch: 5.08 mm, No. of poles: 12, 135°, Box 4032248377138 50 pc(s).

System LM
Clamping yoke connection
Soldered connection
135°
5.08 mm
0.2 inch
12
yes
24
1
3.5 mm
1.3 mm
+ 0.1 mm
1

- 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	
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 mm ²
With wire end ferrule, acc. to DIN 46 228/1, min.	0.25 mm²
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
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)	17.5 A 16 A
Rated current, min. No. pins (Tu=20 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	
secondy in L	



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
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



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Downloads	
CAD Library (P-CAD Format - Standard)	LM.lib
Classifications	
ETIM 2.0	NK
ETIM 3.0	EC001284
eClass 4.1	NK
eClass 5.0	NK
eClass 5.1	NK

Similar products

1716120000	LM5.08/2/135 OR	PCB terminal, Clamping yoke connection, Soldered connection, Clamping range, max.: 2.5 mm ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , 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 ² , Pitch: 5.08 mm, No. of poles: 24, 135°, Box

