

Excellent Integrated System Limited

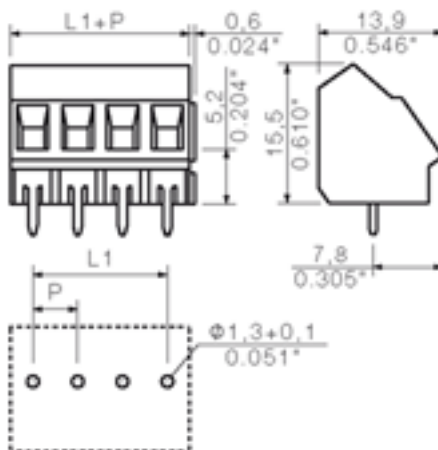
Stocking Distributor

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[Weidmüller](#)
[9994420000](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



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 ² , 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

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|---|------------------------|
| 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

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|-------------------------------|---------------------|
| 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

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|---|------------------------|
| 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 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 |
| Gauge to EN 60999 a x b; ø | 2.4 mm x 1.5 mm; 1.9mm |

DIN IEC rating data

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|--|--------|
| 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

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|--|-------------------|
| 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

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|------------------------------------|-------|
| 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

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|-----------------------------|-------|
| 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 |
|---------------------------------------|--------|

Classifications

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|------------|----------|
| 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 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 |

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| 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 |

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| 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 |

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| 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 |