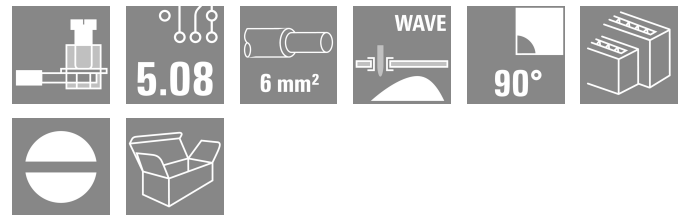
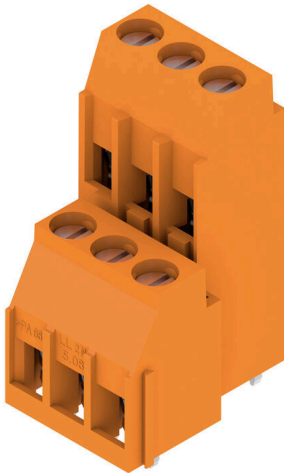


LL2N 5.08/06/90 3.2SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Product image



Similar to illustration

Low single-tier and multi-tier PCB terminals featuring proven clamping-yoke connections, in 5.00mm and 5.08mm pitch, with 90° conductor outlet direction. Suitable for conductor cross-sections up to 6.0 mm².

General ordering data

| | |
|--------------|---|
| Version | Printed circuit board terminals, 5.08 mm, Number of poles: 6, 90°, tinned, black, Clamping yoke connection, Box |
| Order No. | 2724950000 |
| Type | LL2N 5.08/06/90 3.2SN BK BX |
| GTIN (EAN) | 4064675019190 |
| Qty. | 50 items |
| Product data | IEC: 500 V / 0.5 - 6 mm ² UL: |
| Packaging | Box |

LL2N 5.08/06/90 3.2SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Dimensions and weights

| | | | |
|--------------------------|-------------|-----------------|-------------|
| Depth | 21.94 mm | Depth (inches) | 0.8638 inch |
| Height | 34.5 mm | Height (inches) | 1.3583 inch |
| Height of lowest version | 31.3 mm | Width | 18.43 mm |
| Width (inches) | 0.7256 inch | Net weight | 9.96 g |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

System parameters

| | | | |
|--|---|--|------------------------------|
| Product family | OMNIMATE Signal - series LL | Wire connection method | Clamping yoke connection |
| Mounting onto the PCB | THT solder connection | Conductor outlet direction | 90° |
| Pitch in mm (P) | 5.08 mm | Pitch in inches (P) | 0.200 " |
| Number of poles | 6 | Pin series quantity | 2 |
| Solder pin dimensions | 0.75 x 0.9 mm | L1 in mm | 10.16 mm |
| L1 in inches | 0.400 " | Touch-safe protection acc. to DIN VDE 0470 | IP20 plugged/ IP10 unplugged |
| Touch-safe protection acc. to DIN VDE 57 106 | finger-safe unplugged/ back-of-hand-safe plugged | Protection degree | IP20 |

Material data

| | | | |
|-----------------------------|------------|-----------------------------|--------------|
| Insulating material | Wemid (PA) | Colour | black |
| Colour chart (similar) | RAL 9011 | Moisture Level (MSL) | |
| UL 94 flammability rating | V-0 | Contact material | Copper alloy |
| Contact surface | tinned | Coating | 4-6 µm SN |
| Operating temperature, min. | -50 °C | Operating temperature, max. | 120 °C |

Conductors suitable for connection

| | | | |
|---|---------------------|---|---------------------|
| Solid, min. H05(07) V-U | 0.5 mm ² | Solid, max. H05(07) V-U | 6 mm ² |
| Flexible, min. H05(07) V-K | 0.5 mm ² | Flexible, max. H05(07) V-K | 4 mm ² |
| w. wire end ferrule, DIN 46228 pt 1, min. | 0.5 mm ² | w. wire end ferrule, DIN 46228 pt 1, max. | 2.5 mm ² |

| | |
|----------------|--|
| Reference text | Length of ferrules is to be chosen depending on the product and the rated voltage., The outside diameter of the plastic collar should not be larger than the pitch (P) |
|----------------|--|

Rated data acc. to IEC

| | | | |
|--|-------|---|--------|
| Rated current, max. number of poles (Tu=20°C) | 26 A | Rated current, min. number of poles (Tu=40°C) | 27.5 A |
| Rated voltage for surge voltage class / pollution degree II/2 | 500 V | Rated voltage for surge voltage class / pollution degree III/2 | 320 V |
| Rated impulse voltage for surge voltage class/ pollution degree II/2 | 4 kV | Rated impulse voltage for surge voltage class/ pollution degree III/2 | 4 kV |

LL2N 5.08/06/90 3.2SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Packing

| | | | |
|-----------|---------|------------|---------|
| Packaging | Box | VPE length | 0.00 mm |
| VPE width | 0.00 mm | VPE height | 0.00 mm |

Important note

| | |
|----------------|--|
| IPC conformity | Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request. |
| Notes | <ul style="list-style-type: none"> Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002643 | ETIM 9.0 | EC002643 |
| ETIM 10.0 | EC002643 | ECLASS 14.0 | 27-46-01-01 |
| ECLASS 15.0 | 27-46-01-01 | | |

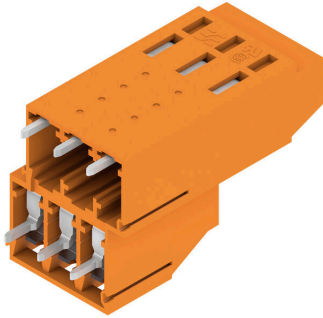
LL2N 5.08/06/90 3.2SN BK BX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

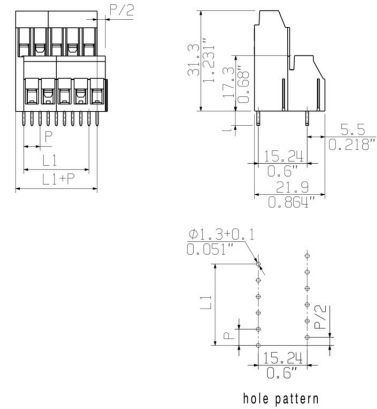
Drawings

Product image



Similar to illustration

Dimensional drawing



Graph

