

USB2.0A R1V 2.8N4 RL BK**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
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www.weidmueller.com

USB as a reliable data interface for your device in industrial use. Due to the many advantages, USB sockets are always used most in the electrical industry.

The extensive portfolio of USB-A, -B - C and -Micro components enables future-proof device design with speeds of up to 10 Gbit/s. Our USB PCB sockets support the robust standards USB 2.0, 3.0 and 3.1 for fast and easy data transfer.

The individual connectors meet the requirements for high durability and offer reliable connectivity.

- Up to 10.000 plugging cycles
- THT, THR or SMD soldering processes
- Available in design types 180° (vertical/upright) or 90° (horizontal/flat-lying)
- Packed either in a tray (TY) or on a roll (tape-on-reel, RL)
- Reinforced gold layer for improved corrosion protection
- USB 3.1 sockets support data rates of 10 Gbit/s for fast data transfer
- USB-C sockets enable error-free plugging due to a symmetrical design
- Robust plug & play operation - connect and disconnect without shutting down or restarting the system

General ordering data

Order No.	2740380000
Type	USB2.0A R1V 2.8N4 RL BK
GTIN (EAN)	4050118831429
Qty.	250 items
Packaging	Tape
Delivery status	This article will no longer be available in the future.
Available until	2025-11-01T00:00:00+01:00

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Net weight	2.63 g
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Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

System specifications

Number of poles	4	LED	No
Solder pin length (l)	2.8 mm	Mounting onto the PCB	THT/THR solder connection
Shielding material	Brass	Shielding	Yes
Side termination, characteristic	Solder flange	Transmission rate	480 Mbps
Number of solder pins per pole	1	Type of connection	Solder connection
Protection degree	IP20	Plugging cycles	≥ 1500
Outgoing elbow	180°	Performance-Category	480 Mbps
Soldering process	Reflow soldering, Manual soldering, Wave soldering	Solder pin dimensions	Octagonal
Tolerance of solder pin position	± 0.1 mm		

Electrical properties

Insulation resistance	≥ 1000 MΩ	Nominal voltage	30 V
Rated current	1.5 A		

Material data

Colour	black	Colour chart (similar)	RAL 9011
Insulation resistance	≥ 1000 MΩ	Contact material	Copper alloy
Operating temperature, min.	-40 °C	Operating temperature, max.	85 °C

Packing

Packaging	Tape	VPE length	328.00 mm
VPE width	328.00 mm	VPE height	38.00 mm

Important note

Notes

Classifications

ETIM 8.0	EC002637	ETIM 9.0	EC002637
ETIM 10.0	EC002637	ECLASS 14.0	27-46-02-01
ECLASS 15.0	27-46-02-01		

Drawings

Dimensioned drawing

Dimensioned drawing

Dimensioned drawing

Dimensioned drawing
