

S-KIT OMNIMATE 4.0**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

OMNIMATE Signal and OMNIMATE Power are PCB terminal blocks, plug-in connector and panel feedthrough terminal blocks for industrial applications with a focus on signal processing and power electronics.

Power for high currents up to 232 A and voltages up to 1000 V (IEC) or 230 A at 600 V (UL). The components are optimised for application-oriented design, efficient production and reliable application.

OMNIMATE Data are RJ45 and USB circuit board sockets for safe data transmission in the Industrial Ethernet environment.

RJ45 components from Weidmüller ensure reliable transmission with high data rates up to 1 Gbit/s. With different variants for THT, THR or SMT solder processes, the female sockets are suitable for all common techniques of PCB assembly. The different design types of the RJ45 circuit board sockets allow adaptation to the individual enclosure design.

General ordering data

Version	Sample kit
Order No.	2816650000
Type	S-KIT OMNIMATE 4.0
GTIN (EAN)	4064675312857
Qty.	1 items
Packaging	Plastic box

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	0 mm	Height	0 mm
Width	0 mm	Net weight	58.96 g

Environmental Product Compliance

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

System Parameters

Wire connection method	SNAP IN	Number of poles	0
Pin series quantity	0	Protection degree	IP00

Material data

Colour	black	Colour chart (similar)	RAL 9011
Contact material	Cu-alloy	Contact surface	tinned
Operating temperature, min.	0 °C	Operating temperature, max.	0 °C

Conductors suitable for connection

Solid, min. H05(07) V-U	0 mm ²	Solid, max. H05(07) V-U	0 mm ²
Flexible, min. H05(07) V-K	0 mm ²	Flexible, max. H05(07) V-K	0 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	0 mm ²

Rated data acc. to IEC

Rated current, max. number of poles (Tu=20°C)	0 A	Rated current, min. number of poles (Tu=40°C)	0 A
Rated voltage for surge voltage class / pollution degree II/2	0 V	Rated voltage for surge voltage class / pollution degree III/2	0 V
Rated impulse voltage for surge voltage class/ pollution degree II/2	0 V	Rated impulse voltage for surge voltage class/ pollution degree III/2	0 kV

Important note

Notes

Classifications

ETIM 6.0	EC002637	ETIM 7.0	EC002637
ETIM 8.0	EC002637	ETIM 9.0	EC002637
ETIM 10.0	EC002637	ECLASS 9.0	27-44-04-02
ECLASS 9.1	27-44-04-02	ECLASS 10.0	27-44-04-02
ECLASS 11.0	27-46-02-01	ECLASS 12.0	27-46-02-01
ECLASS 13.0	27-46-02-01	ECLASS 14.0	27-46-02-01
ECLASS 15.0	27-46-02-01		