JPOVP RJ45 CAT6 IP20

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

www.weidmueller.com

One- and three-level surge protection, in IP68 housing for Ethernet Cat. 5/6, analogue and digital signals. It is also used to suppress interference. High protection class IP68

General ordering data

Version	Surge protection for instrumentation and control, RJ45 plug-in connector, Surge protection for measurement and control
Order No.	8805550000
Type	JPOVP RJ45 CAT6 IP20
GTIN (EAN)	4032248502882
Qty.	1 pc(s).

JPOVP RJ45 CAT6 IP20

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

www.weidmueller.com

Technical data

Dimensions and weights

Height	14.4 mm	Height (inches)	0.567 inch
Width	36 mm	Width (inches)	1.417 inch
Length	83 mm	Length (inches)	3.268 inch
Net weight	249 g		

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	-25 °C...60

General data

Design	miscellaneous	Version	Surge protection for measurement and control
Colour	Pebble grey	UL 94 flammability rating	V-0

Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III

Rated data IEC / EN

Discharge current I_{max} (8/20µs) wire-wire	10 kA	Discharge current I_n (8/20µs) wire-wire	5 kA
Operating voltage	48 V	Protection level on output side Wire-PE 1kV/µs, typically	130 V
Protection level on output side Wire-PE 8/20 µs, typically	600 V	Protection level on output side Wire-wire 1 kV/µs, typically	80 V
Protection level on output side Wire-wire 8/20 µs, typically	300 V	Protection level, U_P wire - PE	600 V
Protection level, U_P wire - wire	130 V	Rated current I_N	0.2 A
Rated voltage (AC)	34 V	Rated voltage (DC)	48 V
Rated voltage (DC), max.	48 V	Response time	≤ 5 ns
Voltage type	AC		

Insulation coordination

Pollution severity	2	Surge voltage category	III
Protection degree	IP20		

Connection data

Type of connection	IP20, RJ45 plug-in connector

Technical specifications for cable

Cable length	3

Classifications

ETIM 6.0	EC000943	ETIM 7.0	EC000943
ETIM 8.0	EC000943	ETIM 9.0	EC000943
ECLASS 9.0	27-13-08-07	ECLASS 9.1	27-13-08-07
ECLASS 10.0	27-13-08-07	ECLASS 11.0	27-13-08-07
ECLASS 12.0	27-17-90-90	ECLASS 13.0	27-17-90-90

JPOVP RJ45 CAT6 IP20

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

www.weidmueller.com

Technical data

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	f6f3bfd2-c340-4be3-920c-070c382baca5

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	K282_06_09.pdf
Catalogues	Catalogues in PDF-format
Brochures	

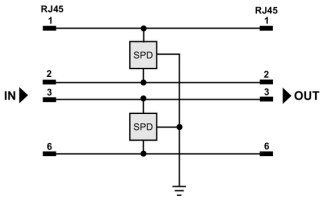
JPOVP RJ45 CAT6 IP20

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

www.weidmueller.com

Drawings

Electric symbol



Circuit diagram

JPOVP RJ45 CAT6 IP20

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

www.weidmueller.com

Accessories

JACKPAC® Zubehör

Weidmüller is now one of the industry's leading international providers of connectors. An important mainstay in this product family are the circular connectors, which Weidmüller groups under the product name SAI. In the development of SAI products, Weidmüller engineers have always concentrated on achieving rational, cost-effective installation concepts, and – in cooperation with major users – have supplied the markets with well-conceived products which set standards in terms of functionality and quality across the globe. An example is the Jackpac® product family. These modules are waterproof signal converters.

General ordering data

Type	JP CLIP M	Version
Order No.	8778490000	JACKPAC, Relay module
GTIN (EAN)	4032248448418	
Qty.	10 pc(s).	

Screwty® cable gland tool with torque function

The ideal tool for any application
Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Type	SCREWTY-M12-DM	Version	Packaging
Order No.	1900001000	Cable gland tool for moulded M12 lines	Cardboard box
GTIN (EAN)	4032248436408		
Qty.	1 pc(s).		

JPOVP RJ45 CAT6 IP20

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

www.weidmueller.com

Accessories

PUR halogen-free black (U)

Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.
Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.
Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Type	SAIL-M12GM12G-5-0.3U	Version
Order No.	9457340030	Sensor/actuator line, Connecting line, M12 / M12, Number of poles :
GTIN (EAN)	4008190311230	5, 0.3 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No
Type	SAIL-M12GM12G-5-1.5U	Version
Order No.	9457340150	Sensor/actuator line, Connecting line, M12 / M12, Number of poles :
GTIN (EAN)	4008190311278	5, 1.5 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No
Type	SAIL-M12GM12G-5-0.6U	Version
Order No.	9457340060	Sensor/actuator line, Connecting line, M12 / M12, Number of poles :
GTIN (EAN)	4008190311247	5, 0.6 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No

Distributors

General ordering data

Type	SAI-Y-5S PARA 2M12	Version
Order No.	1783430000	Y-plug, M12 / M12
GTIN (EAN)	4032248183364	
Qty.	1 pc(s).	