

HV Protection GPN 385 Type A



www.poeppelmann.com/en/gpn385a

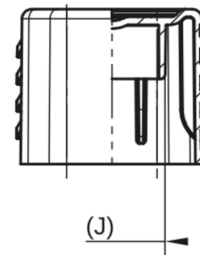
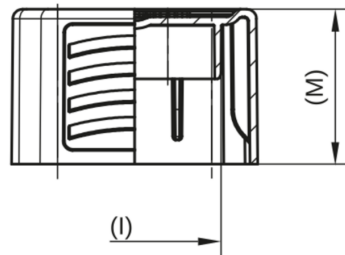
NEW



Application

The HV protection GPN 385 Type A is suitable for use in parts and components for hybrid or electric vehicles. It protects connectors, e.g. in the area of batteries, DC/DC converters, on-board chargers, power strips and high-voltage distribution, against corrosion and mechanical damage and offers protection against splash water in accordance with protection class IPX4. The cover has non-slip gripping surfaces that allow fast removal, can be fitted on both sides and impresses with a functional registered design. The plastic used is made from post-consumer recycled material.

All information about 100% PCR can be found in "Sustainability at Pöppelmann" (see chapter 2) or at www.poeppelmann.com/en/kapsto/Responsibility.html



PCR-PE
blue

Article	I	J	M	100% PCR
GPN 385 HV 280 SI	27,2	17,3	27	38502010000
GPN 385 HV 40-4+2	27,8	24,2	24,5	38503020000
GPN 385 HVR 60	30,1	30,1	20	38505090000
GPN 385 HV 51-2	36	36	30,2	38505040000
GPN 385 HV 280-2	28	18,8	25	38506050000
GPN 385 HVU 280	22,3	13,8	20	38506150000

Dimensions in mm.

Information on materials, colours, designs and use of our products can be found on the website and in chapter 3 'Materials and application'.

The article consists of 98 % PCR-PE and 2 % colour based on a PIR carrier. The plastic used consists of 100 % PCR.

For these articles, colour deviations and black dots cannot be completely avoided in production and are permissible. We recommend carrying out functional tests before series production.

Guide values for high-voltage applications

Article	Contact terminal	Manufacturer	Plug type	Number of poles	rows
GPN 385 HV 280 SI	HV 280 SI	Aptiv	HV 280 SI	2	1
GPN 385 HV 40-4+2	HPS	Hirschmann	PowerStar 40	4	2
GPN 385 HVR 60	HVR	Rosenberger	HVR 60	4	2
GPN 385 HV 51-2	HVR	Rosenberger	HVR 50	2	1
GPN 385 HV 280-2	HVA	TE Connectivity	HVA 280 Header ASSY	2	1
GPN 385 HVU 280	AMP 2.8, HVU 280	TE Connectivity	AMP+ HVU 280	3	1
				2	1



PÖPPELMANN®
KAPSTO®

HV Protection GPN 385 Type A



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Your added values:



More resource-saving.

The plastic used consists of 100 % recycled material.



Better fit.

Protection for High Voltage Connector Systems using our registered design.



Saves time.

Quick disassembly thanks to non-slip grip surfaces. Mounting on both sides possible.



Seals better.

Protection against splashing water from any direction (IPX4) depending on the specific connector design and quality. Related to Pöppelmann sample connector, tested according to DIN 40050.*



Cleaner.

Production in accordance with VDA Band 19 and ISO 16232 in our cleanroom on request.