

HV Protection GPN 385 Type A

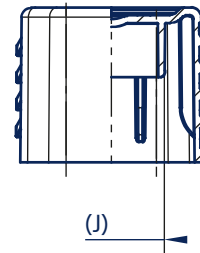
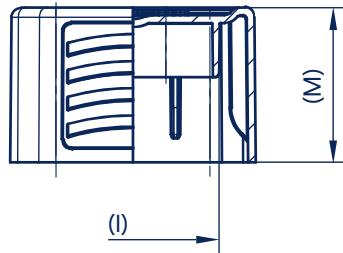
NEW



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 IP44. 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 and the recycling blend can be found 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	30	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
GPN 385 MCON 2P	21,45	28,3	25,3	38506220000

Dimensions in mm.

Information on materials, colours, designs and use of our products can be found on the website and in chapter 4 'Materials and application'.

Customer Information pursuant to Art. 16 of the PPWR (EU Regulation 2025/40): To the best of our current knowledge and based on information from our raw material suppliers, the products we supply do not contain the heavy metals listed in Article 5, paragraph 4 of the PPWR (lead, cadmium, mercury, and hexavalent chromium) in a total concentration exceeding 100 mg/kg. Pöppelmann neither intentionally adds these regulated substances as components nor are they expected to be present in impermissible concentrations as impurities resulting from the manufacturing process.

Furthermore, according to information from our suppliers, our products do not contain any substances of very high concern (SVHCs as defined in the current REACH Candidate List) in a concentration exceeding 0.1 percent by mass. Pöppelmann does not intentionally add these substances during the manufacturing process. Any presence below this reportable threshold is attributable to unavoidable, raw material-related impurities or technical specifications set by raw material suppliers, which, for us as a processor, represents the technically unavoidable minimum within the context of quality and raw material properties.

Application Overview

Article	Article number	Manufacturer	Connector family	Housing Type	Number of poles
GPN 385 HV 280 SI	38502010000	Aptiv	HVA	male	2
GPN 385 HV 40-4+2	38503020000	Hirschmann	HPS	male	2
GPN 385 HVR 60	38505090000	Rosenberger	HVR	male	4
GPN 385 HV 51-2	38505040000	Rosenberger	HVR	male	2
GPN 385 HV 280-2	38506050000	Aptiv	Shieldpack	male	2
GPN 385 HV 280-2	38506050000	TE Connectivity	HVA	male	2, 3
GPN 385 HVU 280	38506150000	TE Connectivity	AMP 2.8, HVU 280	male	2
GPN 385 MCON 2P	38506220000	TE Connectivity	HDR ASSY	male	2



HV Protection

GPN 385 Type A

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 (IP44) depending on the specific connector design and quality.



Cleaner.

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

