

SHIELDPACK™

HV AK CLASS 4 SI 2 WAY **AK**



AVAILABLE CONFIGURATIONS

Connector Type	Wire-to-device
Cable Exit Orientation	90°, 180°
Cable Range (mm ²)	25 - 50 (power) / 0.5 (HVIL)
Terminal Type	8 mm round contact system
# of Power Terminals	2
Shielding	Individual
HVIL	Shunt on female
Assembly Assurance	CPA/TPA
Number of Indexes	4



APPLICATIONS

AC / DC inverter	E-motor
HV battery	Power electric box
HV PDU	

See back page for representative part numbers and packaging dimensions.

BENEFITS

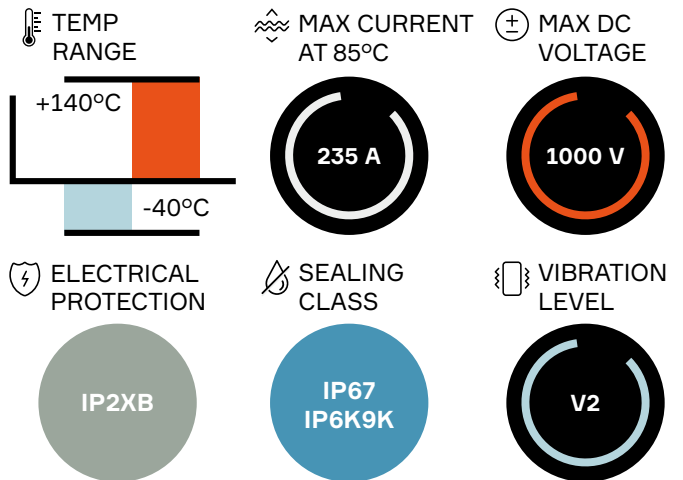
- Standard AK interface
- High operating temperature
- High robustness against vibrations
- Optimized for better contact resistance and lesser retention force
- Offer both 90° and 180° systems, with same header connector and interface

FEATURES

- Up to 50 mm² cross sections
- Compliant to USCAR-2 / USCAR-37 (180°)
- Compliant to LV214 / LV215 and USCAR-2 / USCAR-37 (90°)
- Patented squeezing fixture for enhanced anti-vibration performance
- Lever on 180° can be placed on either side



PERFORMANCE



About Aptiv

Aptiv is a global technology company that develops safer, greener and more connected solutions enabling the future of mobility.

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Index	Header connector	Mating connector 90°	Mating connector 180°	BOM
A	33351454	35128941	35168081 _A 35268206 _B	1
B	33351455	35165950	35201417 _A 35268207 _B	1

Lower case A and B on mating connector 180° indicates the side lever assist is available

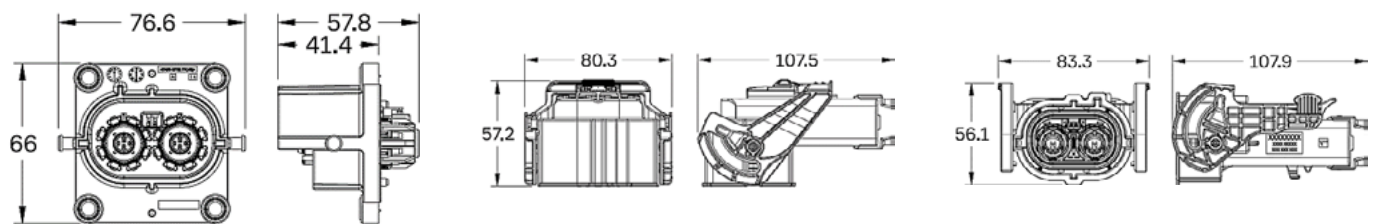
ASSOCIATED PARTS

Part number			Description	BOM
Header connector				
13952636*			1.2 male terminal 0.5 - 0.75 mm ²	2
13954415*			1.2 male terminal 0.25 - 0.35 mm ²	2
Mating connector 90°				
25 mm ² Cable	35 mm ² Cable	50 mm ² Cable		
35172741	35172742 or 35150077		APT-890 female terminal	2
	35172744		Deep Drawn Socket Pin	2
	35142203		Outer Insulation Cap	2
35172724	35172725	35172726	Inner Ferrule	2
35172727	35172728	35172729	Outer Ferrule	2
35172732	35172733	35172734	Cable Seal	2
35149115	35142208	35149113	Cable Strain Relief	2
Mating connector 180°				
25 mm ² Cable	35 mm ² Cable	50 mm ² Cable		
35210072	35168235		APT-800 female terminal	2
	35168087		Shielding Can	2
	35201467		Lamella Insulation Socket	2
	35168234		Lock Retainer	2
35172724	35172725	35172726	Inner Ferrule	2
35168227	35168228	35168229	Inner Ferrule	2
35172732	35172733	35172734	Cable Seal	2
35149115	35142208	35149113	Cable Strain Relief	2

* Non Aptiv terminal, please consult us



DIMENSION MEASUREMENT SAMPLE



Header Connector

Mating Connector 90°

Mating Connector 180°

Part numbers, specifications, dimensions and performance data in this document are for general references only and are subject to change without notice. To verify product information, please contact an Aptiv representative.

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