

POWERPACK HV HES240 UI OBC



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BENEFITS

- Field proven technology widely used across electrification market
- Configurable for both 1-phase and 3-phase applications
- Compact packaging

FEATURES

- Finger proof/touch safe
- Capability for 4 power circuits and 2 signal circuits
- Unshielded system with terminal spacing for HV applications
- One-stage locking system with CPA
- Aluminum compression bushings



AVAILABLE CONFIGURATIONS

Connector Type	Wire-to-device, wire-to-wire
Cable Exit Orientation	180°
Cable Range (mm ²)	3 - 5 (power) 0.75 - 1.0 (HVIL)
Terminal Type	HES 1.0 (signal) HES 2.4 (power)
# of Power Terminals	4 (2 signal terminals)
Shielding Type	Unshielded
HVIL	None
Assembly Assurance	CPA
Number of Indexes	2



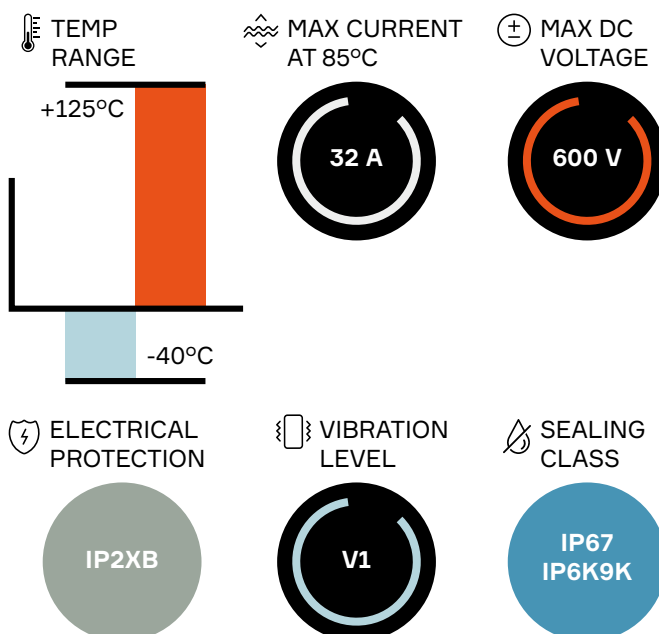
APPLICATIONS

On-board charger (OBC)

See back page for representative part numbers and packaging dimensions.



TECHNICAL CHARACTERISTICS



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6 Way Device Connection System

Header connector	Mating connector		BOM
	16A	32A	
33229378	13879051 (2+2)	13879048 (2+2)	1
	15525754 (3+0)	15525753 (3+0)	
	13879050 (3+2)	13879047 (3+2)	
	13879049 (4+2)	13879046 (4+2)	

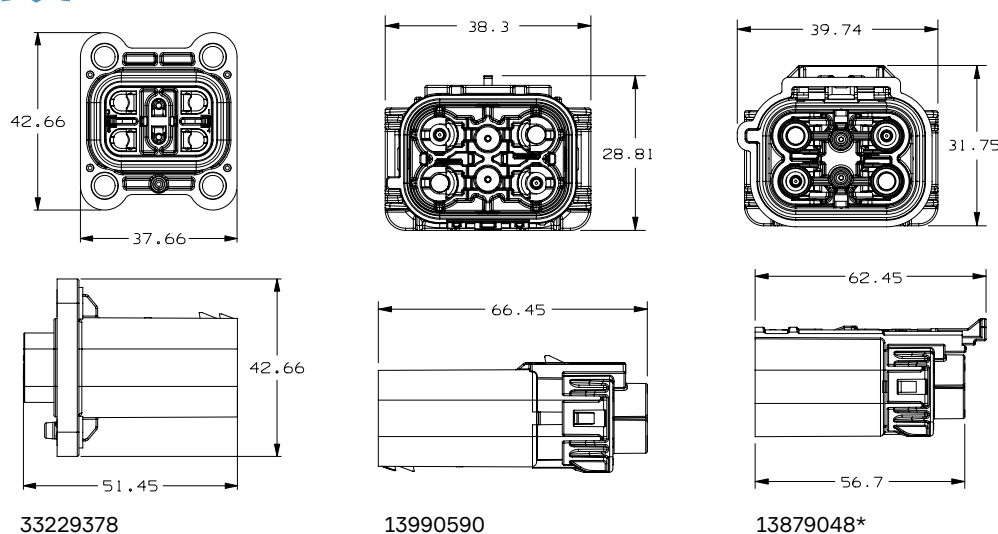
6 Way Inline Connection System

Male inline 16A	Male inline 32A	Mating connector	
		16A	32A
13990593 (2+2)	13990590 (2+2)	13879051 (2+2)	13879048 (2+2)
13990591 (4+2)	13990588 (4+2)	13879049 (4+2)	13879046 (4+2)

ASSOCIATED PARTS

Part number	Description	BOM
Header / Male inline		
13663724	1.0 HES gold-plated 0.75 - 1.0 mm²	2 or 4
13783283	2.4 HES gold-plated 2 - 3 mm²	2, 3, or 4
13783284	2.4 HES gold-plated 4 - 5 mm²	
Mating connector		
13663728	1.0 HES gold-plated 0.75 - 1.0 mm²	2 or 4
13783300	2.4 HES gold-plated 2 - 3 mm²	2, 3, or 4
13783301	2.4 HES gold-plated 4 - 5 mm²	

DIMENSION MEASUREMENT SAMPLE



* Female connector is compatible with both device & inline male connectors.

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.