

HV CLASS 4

PLK 14,5 KHV 600

A family of connectors for a variety of applications.

- ⊕ Water proof sealed connection system
- ⊕ HVIL integration
- ⊕ Touch protection
- ⊕ Multiple codings
- ⊕ Header includes tab



APPLICATIONS

- E-Motor
- HV-Battery
- Inverter
- On-Board Charger (OBC)
- And other devices

FEATURES



Current Carrying Capacity
250 A continuous
@ 80 °C / 50 mm²



EMI Shielding Class
65 dB (0.1 - 40 MHz)



Voltage Range
600 V @ 4200 m ASL



Sealing Protection
IP67, IP6K9K



Temperature
-40 °C to 140 °C



Touch Protection
IPxxB / IPxxD



Cable Cross-Section
16 mm² – 50 mm²



Validation acc. to
PSA
B21
70 50 Index D

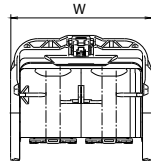
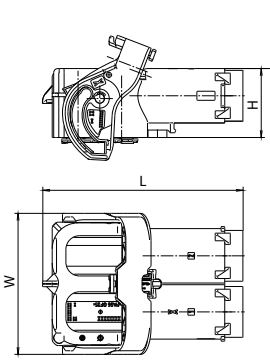
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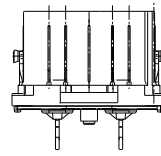
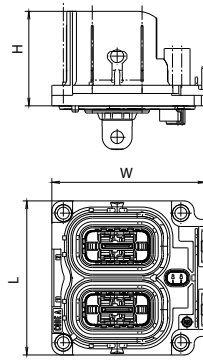


DIMENSIONS

Receptacle Housing



Tab Header



TECHNICAL DATA

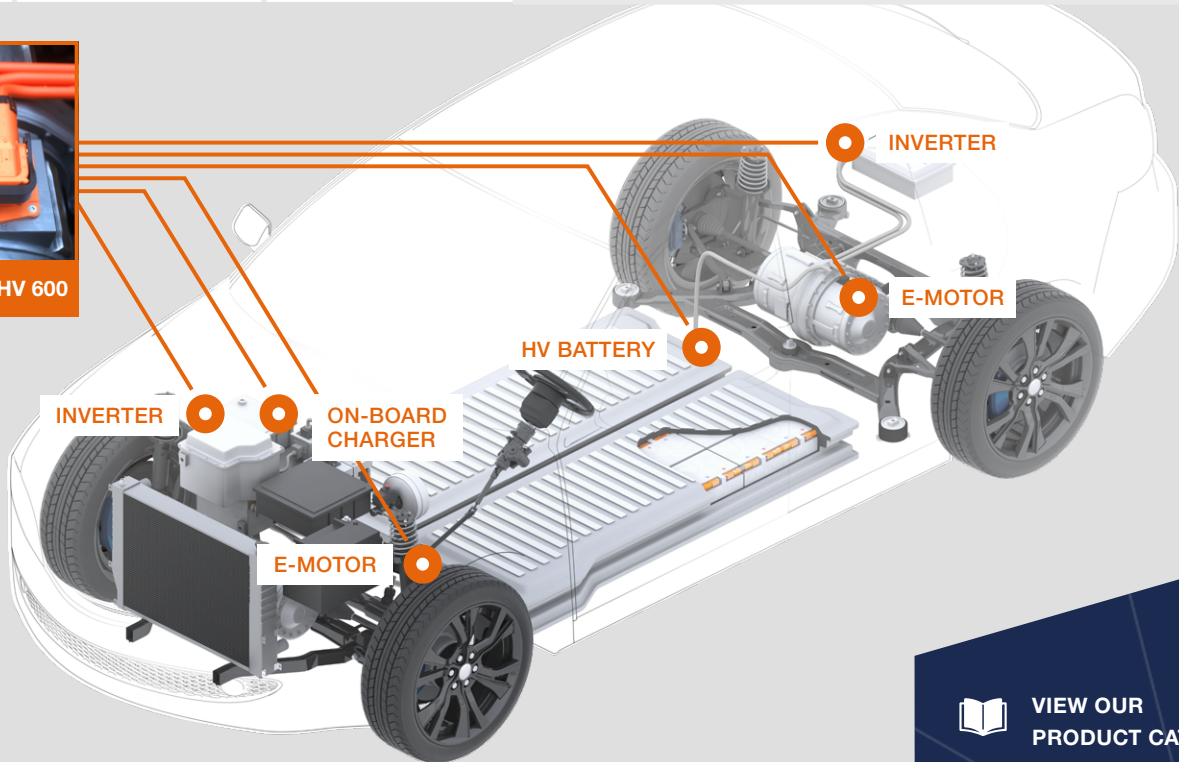
Receptacle with CPA

Tab Header

Cavities	PN Code A	Dimensions L x H x W (mm)	PN Code A	Dimensions L x H x W (mm)	Other Codings
1	10022774	110 x 41 x 47	10136406	96 x 42 x 65	-
2	10019942	110 x 41 x 78	10338029	75 x 46 x 75	B
3	10019158	110 x 41 x 109	10022433	100 x 42 x 122	B
4	10022773	110 x 41 x 140	10140397	100 x 42 x 153	-



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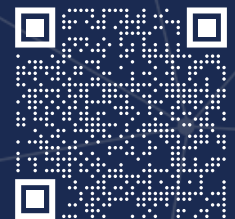
COMPATIBLE WITH



Terminal PLK 14,5



VIEW OUR
PRODUCT CATALOGUE



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