

HYBRID & ELECTRIC MOBILITY SOLUTIONS KITS

FOR INDUSTRIAL & COMMERCIAL TRANSPORTATION

TERMINALS AND CONNECTORS





Hybrid and Electric Mobility Solutions Kits – Easy to order Solutions

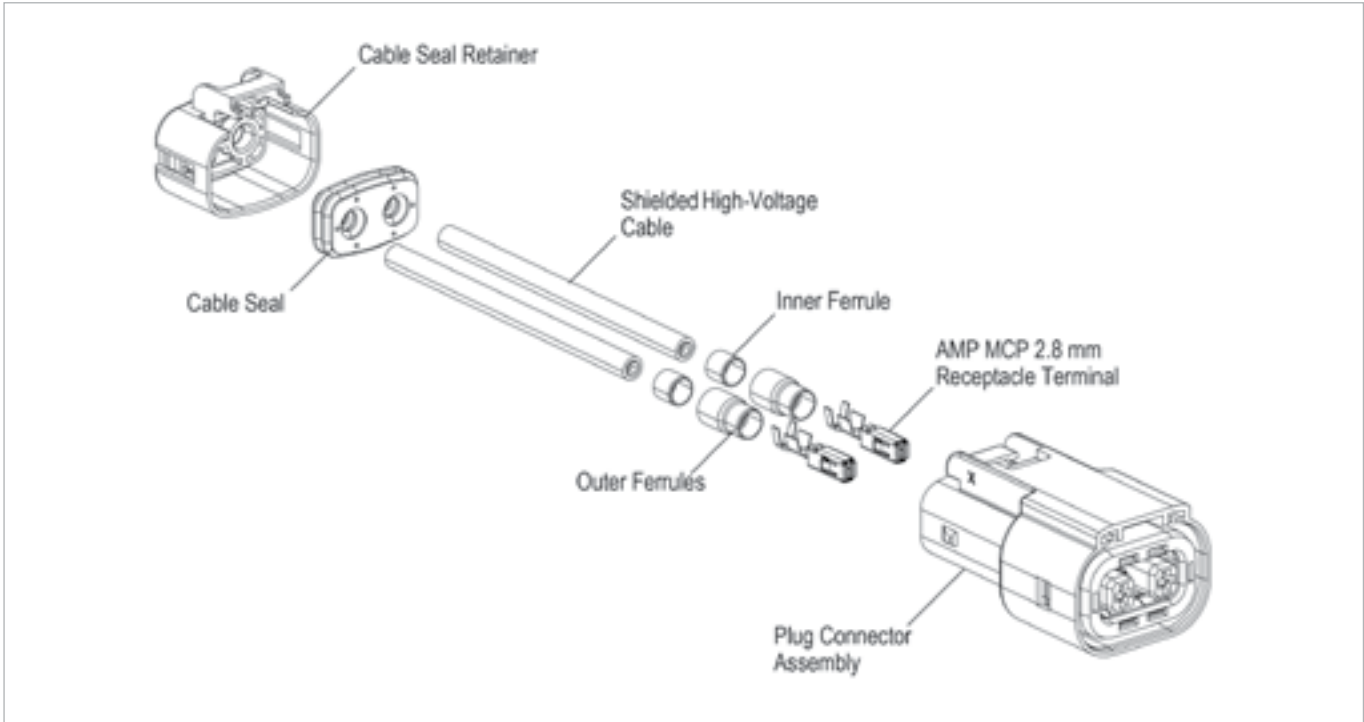
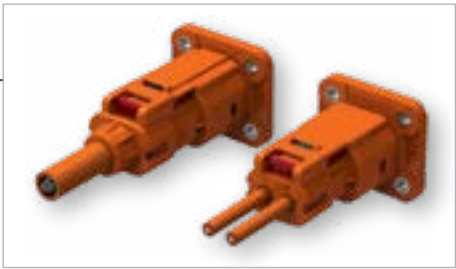
Our high voltage terminal and connector solutions have never been easier to order. We offer complete kits that contain all the parts that are needed to create an assembly. Kits are available for AMP+ HVA 280, AMP+ HVA 630, AMP+ HVP 800, AMP+ HVP 1100, AMP+ IPT, HC-STAK 25 terminal and connector solutions, as well as charging inlets.

AMP+ HVA 280 Kits	
2 Position, 4 mm ² , Individually Shielded Cable	
A Keying	6
B Keying	7
2 Position, 4 mm ² , Multicore Cable	
Shunted HVIL, A Keying	8
Shunted HVIL, B Keying	9
Shunted HVIL, D Keying	10
Shunted HVIL, E Keying	11
Shunted HVIL, A Keying	12
Shunted HVIL, B Keying	13
Pass-through HVIL, A Keying	14
Pass-through HVIL, B Keying	15
Pass-through HVIL, D Keying	16
Pass-through HVIL, E Keying	17
3 Position, 2.5 mm ²	
A Keying	18
B Keying	19
AMP+ HVA 630 Kits	
2 Position, 4 mm ² , Multicore Cable	
Bridge in Connector, A Keying	20
2 Position, 6 mm ² , Multicore Cable	
Bridge in Connector, A Keying	21
3 Position, 4 mm ² , Multicore Cable	
Bridge in Connector, A Keying	22
4 Position, 4 mm ² , Multicore Cable	
Bridge in Connector, A Keying	23
5 Position, 6 mm ² , Multicore Cable	
Bridge in Connector, A Keying	24
AMP+ HVP 800 Kits	
2 Position, 50 mm ² , Individually Shielded Cable, 90°	
Bridge in Connector, A Keying	25
Bridge in Connector, B Keying	26
2 Position, 50 mm ² , Individually Shielded Cable, 180°	
Bridge in Connector, A Keying	27
Bridge in Connector, B Keying	28
3 Position, 50 mm ² , Individually Shielded Cable, 90°	
Bridge in Connector, A Keying	29
Bridge in Connector, B Keying	30
3 Position, 50 mm ² , Individually Shielded Cable, 180°	
Bridge in Connector, A Keying	31
Bridge in Connector, B Keying	32
AMP+ HVP 1100 Kits	
1 Position, 70 mm ² , Individually Shielded Cable, 90°	
Bridge in Connector, A Keying	33
Bridge in Connector, B Keying	34
AMP+ IPT Shielded Ring Tongue Kits	
1 Position, 70 mm ² , Individually Shielded Cable	
A Keying	35
B Keying	36
1 Position, 95 mm ² , Individually Shielded Cable	
A Keying	37
A Keying	38
B Keying	39
1 Position, 120 mm ² , Individually Shielded Cable	
A Keying	40
2 Position, 50 mm ² , Individually Shielded Cable	
A Keying	41
3 Position, 50 mm ² , Individually Shielded Cable	
Keying N/A	42
HC-STAK 25 HV Interconnection System Kits	
2 Position, 50 mm ² Cable	
A Keying	43
B Keying	44
2 Position, 25 mm ² Cable	
A Keying	45
B Keying	46
Header	
A Keying	47
B Keying	48
Charging Inlets	
CCS1 Kit without LED indicator	49
CCS2 Kit without LED indicator	50
CCS1 Kit with LED indicator	51
CCS2 Kit with LED indicator	52
Charging Inlet Pigtail Cable Assemblies	
LED Version	53
Non-LED Version	54

AMP+ High Current Connectors and Headers

AMP+ HVA 280

Kit Number YHVA280-2phi-4mm-A



AMP+ HVA 280 CONNECTOR SERIES

Position	2
Cable Size	4 mm ²
Wire Type	Individually Shielded
HVIL	Present, Shunt Version
Key Coding	A
Validated Cables	Huber+Suhner 12582674
	Leoni 76231175A
Application Specification	114-13259
Product Specification	108-2394
Mating Header PN	2103124-1

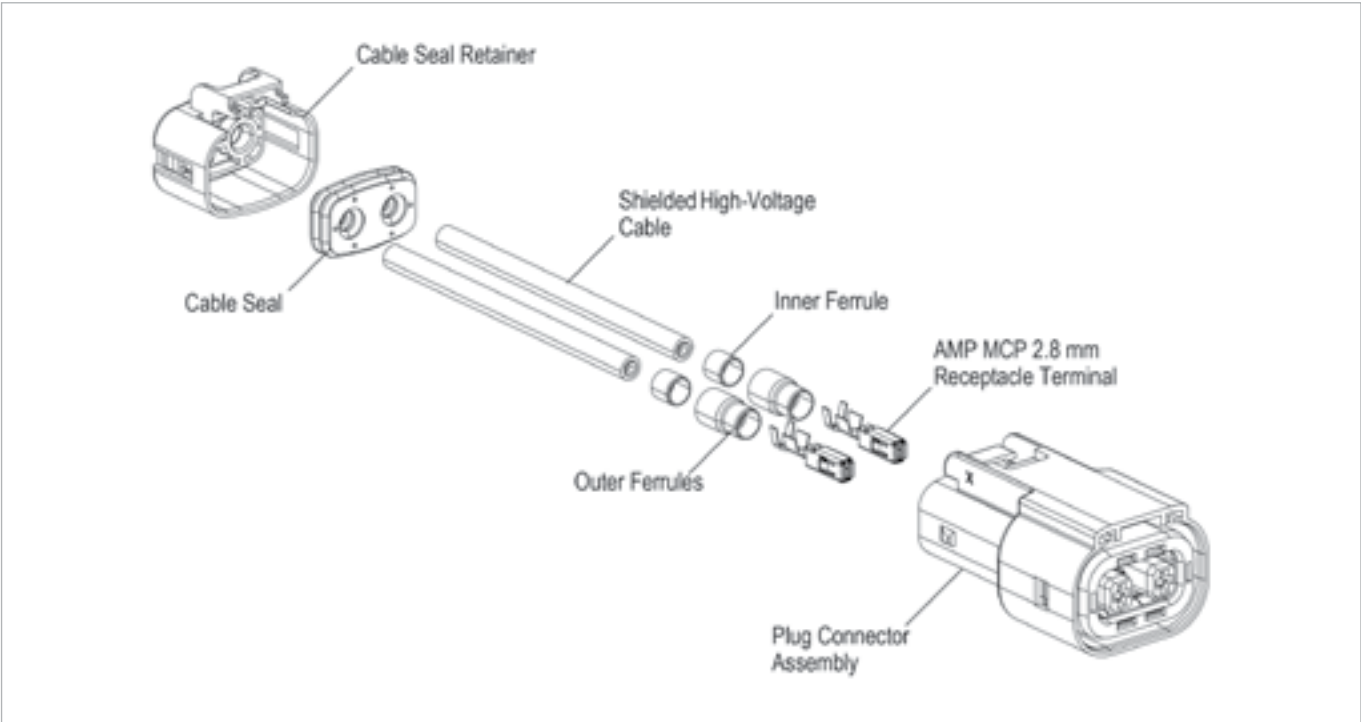
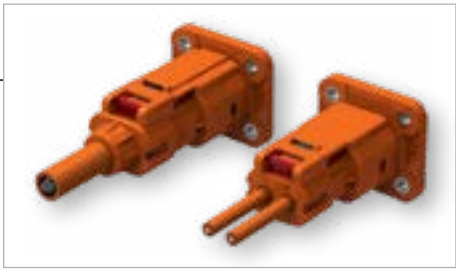
BILL OF MATERIALS

Part Number	Description	Quantity
4-2103177-1	Plug subassy, finger accessible with CPA, Key A	1
1587828-3	Inner ferrule	2
1587829-3	Outer ferrule	2
1587826-3	Seal, cable	1
2103181-3	Cable seal retainer	1
1-968853-3	AMP MCP 2.8 terminal, female, 4 mm ²	2

AMP+ High Current Connectors and Headers

AMP+ HVA 280

Kit Number YHVA280-2phi-4mm-B



AMP+ HVA 280 CONNECTOR SERIES

Position	2
Cable Size	4 mm ²
Wire Type	Individually Shielded
HVIL	Present, Shunt Version
Key Coding	B
Validated Cables	Huber+Suhner 12582674
	Leoni 76231175A
Application Specification	114-13259
Product Specification	108-2394
Mating Header PN	2103124-2

BILL OF MATERIALS

Part Number	Description	Quantity
4-2103177-2	Plug subassy, finger accessible with CPA, Key B	1
1587828-3	Inner ferrule	2
1587829-3	Outer ferrule	2
1587826-3	Seal, cable	1
2103181-3	Cable seal retainer	1
1-968853-3	AMP MCP 2.8 terminal, female, 4 mm ²	2

