

Applications & Markets

Our interconnections are especially designed for harsh environments with hard requirements in terms of high power, environmental influences, vibrations and safety.

We focus on all Voltage classes and ranges from 12 up to 1500 V DC.

We have interconnection systems for power, signal and data transmission.

With our products we meet the validation standards typically used and set within EMEA Automotive segment, focusing on LV and ISO16750.

Additionally we can provide the full cable assembly with our connectors and additional requirements.

With that we can enable our customers to have the best connectivity solutions and meet all major challenging market trends in terms of green CO2-emission fleet targets, autonomous and connected driving and safety requirements.

Interested?

Use our global resources. Independently from where you are in the world, we offer you our global expertise and great variety of products and technologies.

Please note that we can offer all cable connectors as cable assemblies according your specific requirements.

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TRUSTED GLOBALLY

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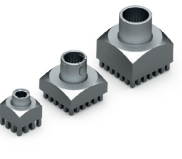





















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Solution Guide

Industrial & Commercial Transportation

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Connecting the Future

Series	A-Series	Isobus	ground mate	Active Pinlock	Pressfit
Product Image					
Coupling System	Bayonet, latch	Bayonet	Push-Pull	Latch	Various
Contact Positions	1 - 102	9	1	1	1
Voltage	48 V DC	24 V DC	60 V DC	60 V DC/AC, 1.000 V DC/AC	60 V DC/AC, 1.000 V DC/AC
AWG/mm²	4 to 26 AWG	6 to 16 mm²	4 to 10 mm²	16 to 50 mm²	specific
Contact Current Ratings	Up to 75 A	up to 90 A	Up to 220 A	Up to 220 A	Up to 220 A
IP Ratings	IP65, IP67, IP69K	IP67 /IP69K	IP20	IP20	IP00
Mating Cycles	100	100	1.000	1.000	1.000
Highlights	<ul style="list-style-type: none">• usable with 48 V applications & electrical systems• validated according SAE J2023	<ul style="list-style-type: none">• connection between tractor and implement• standardized connection according ISO 11783-2• customized cable assemblies up on request	<ul style="list-style-type: none">• fast connection for grounding	<ul style="list-style-type: none">• fast connection for grounding	<ul style="list-style-type: none">• easy to install power to board solutions for high power applications
Relevant for	    		    	    	    

SPE	Multiway System	MSD	PowerMate	HVSL Auxiliary	eco mate® RM
					
Latch	Lever, screw	Lever	Lever	Lever	Bayonet
2	24 - 102	2	3	2 - 5	1 - 48
48 V DC	250 V AC/DC	500 V DC/ 1.000 V DC	1.500 V DC	1.000 V DC	690 V DC
20 to 22 AWG	6 - 22 AWG	specific	11 to 28 AWG	2.5 to 16 mm²	0.09 to 95 mm²
5 A	up to 16 A	Fuse up to 690 A	Up to 520 A	Up to 95 A	Up to 300 A
IP67 /IP69K	IP67 /IP69K	IP67 /IP69K	IP67 /IP6K9K	IP67 /IP6K9K	IP67 /IP69K
100	100	50	50	50	500
<ul style="list-style-type: none">• standardized interface for fast & reliable data transmission displays• camera systems• controllers• switch• gateway	<ul style="list-style-type: none">• high pole count connector systems in a lot of different styles for various electrical systems• embedded systems	<ul style="list-style-type: none">• up to 690 A	<ul style="list-style-type: none">• validated according specific EMEA automotive standards	<ul style="list-style-type: none">• most connector systems are available for the use with multishielding cables	<ul style="list-style-type: none">• circular connector with bayonet locking
    	    	   	     	     	     

Pressmate	energy mate	Charging Inlets	CHD 90 DEG Header	PowerSok	Series
					Product Image
Various	Lever	Acc. Market Standard	Latch	Lever	Coupling System
1 - 2	2 - 100	CCS2, AC, MCS, CCS1, NACS	1 - 2	2	Contact Positions
> 1.000 V DC/AC	1.000 V DC	1.000 V DC	1.500 V DC	1.000 V DC	Voltage
specific	0.09 to 95 mm²	150mm²	70 to 120 mm²	70 to 150 mm²	AWG/mm²
Up to +500 A	Up to 325 A	Up to 400 A	Up to 480 A	Up to 500 A	Contact Current Ratings
IP00	IP00	IP44, IP67	IP67 /IP69K	IP67 /IP69K	IP Ratings
50	10.000	10.000	50	50	Mating Cycles
<ul style="list-style-type: none">• specific busbar designs• overmoulded busbars• laminated busbars	<ul style="list-style-type: none">• rack- & panel solutions• tolerance +/- 10 mm	<ul style="list-style-type: none">• all standard interfaces available• customized cable assemblies up on request	<ul style="list-style-type: none">• 90 degree header if application requires specific orientation	<ul style="list-style-type: none">• validated according EMEA Automotive standards	Highlights
      	     	  	    	    	Relevant for