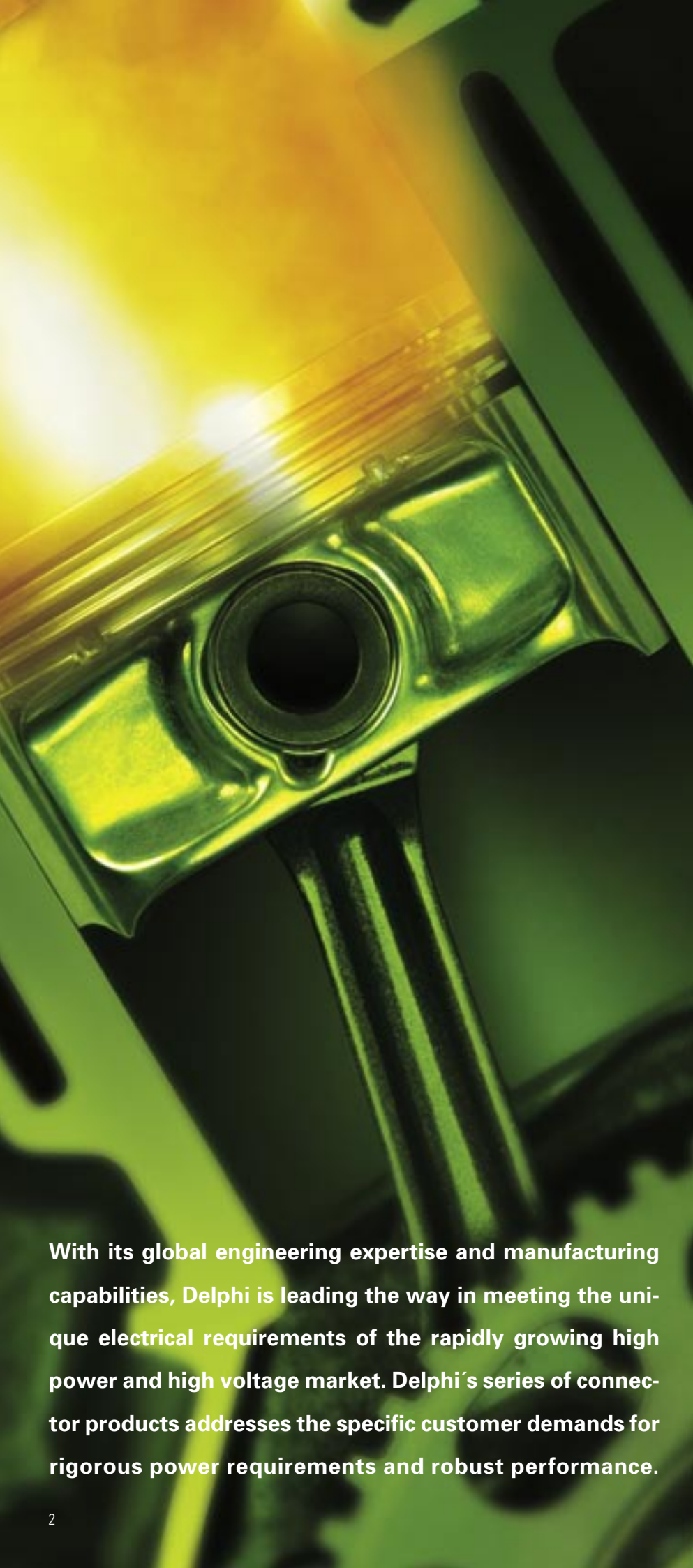


Power Products
(Selected Products)



DELPHI



With its global engineering expertise and manufacturing capabilities, Delphi is leading the way in meeting the unique electrical requirements of the rapidly growing high power and high voltage market. Delphi's series of connector products addresses the specific customer demands for rigorous power requirements and robust performance.

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We have made every effort to ensure that the information contained in this document is accurate; however, changes are often made to update our specifications, part numbers or introduce new product families. An application or sales engineer can help you determine which product best suits your application guidelines. Our global engineering, manufacturing network and distribution capabilities are available to help you select the most suitable product.

We recommend that you use this catalog as a guide only. For additional part numbers and specifications contact our sales account manager or call your regional support representative at the numbers listed on the back cover.

Specification subject to change without notice.



Ducon 6.3 series

Inline / device sealed and unsealed (current range max. 55 A)

Fig	Part number	Description	Color
1	12147067	2 way female 6.3 Ducon sealed	gray
2	15344054	2 way male 6.3 Ducon sealed	black
3	12147060	TPA for 2 way system	black
4	08905563	Connector fixing 2 way system	black
5	15446375	3 way female 6.3 Ducon sealed	black
6	15446373	3 way male 6.3 Ducon sealed	black
7	12045699	TPA for 3 way system	black
8	15488785	2 way female 6.3 Ducon unsealed	black
9	15488784	4 way female 6.3 Ducon unsealed	black
10	15488786	Secondary lock for 2 and 4 * way unsealed	gray



More connector fixings,
see brochure
"Clips, Clamps & Fixing Elements
(Selected Products)"



* 4 way requires
2 secondary locks

Ducon 6.3 series Typical terminals & seals

Fig	Part number	Cable range (mm ²)	Material	Plating	Version
1	15498450	0.5 – 1.0	CuNiSi	Tin	unsealed
	15396853	1.5 – 2.5	CuNiSi	Tin	unsealed
	12185272	4.0 – 6.0	CuNiSi	Tin	unsealed
	12147473	1.5 – 2.5	CuNiSi	Tin	sealed
	12147474	4.0 – 6.0	CuNiSi	Tin	sealed
2	13553063	4.0 – 6.0	CuNiSi	SnAg	sealed
3	15396854	1.5 – 2.5	CuNiSi	Tin	unsealed
	15343823	4.0 – 6.0	CuNiSi	Tin	unsealed
	15344632	1.5 – 2.5	CuNiSi	Tin	sealed
	15344631	4.0 – 6.0	CuNiSi	Tin	sealed
Fig	Part number	Cable range (Ø mm)	Material	Color	
4	15324997	1.6 – 2.4	LSR	lt brown	
5	15324995	2.0 – 2.9	LSR	red-brown	
6	15324994	2.8 – 3.8	LSR	gray	
7	15324996	3.6 – 4.5	LSR	blue	
8	12059255	plug LSR	green		



Ducon 9.5 series

2 way sealed and unsealed (current range max 116 A)

Fig	Part number	Description	Color
1	15446345	2 way Ducon 9.5 sealed	black
2	15446348	Cover (routing support)	black
3	15458110	2 way Ducon 9.5 sealed	black
4	15458111	2 way Ducon 9.5 sealed	green
5	15458113	2 way Ducon 9.5 sealed	brown
6	10720169	2 way Ducon 9.5 sealed	black
7	15344106	2 way Ducon 9.5 sealed	brown
8	15432610	2 way Ducon 9.5 sealed	gray
9	10719920	2 way Ducon 9.5 unsealed	black
10	10719921	2 way Ducon 9.5 unsealed	brown



Ducon 9.5 series

Typical terminals & seals

Fig	Part number	Cable range (mm ²)	Material	Plating	Version
1	10724458	4.0 – 6.0	CuNiSi	Tin	unsealed
	15344957	10	CuNiSi	Tin	unsealed
	15327010	4.0 – 6.0	CuNiSi	Tin	sealed
	10730408	10	CuNiSi	Tin	sealed
	15458196	16	CuNiSi	Tin	sealed
	15482568	4.0 – 6.0	CuNiSi	SnAg	sealed
	15408423	10	CuNiSi	SnAg	sealed
	2	15458198	16	CuNiSi	SnAg
Fig	Part number	Cable range (Ø mm)	Material	Color	
3	15492996	2.2 – 3.0	LSR	blue	
4	15327126	3.4 – 4.3	LSR	red-brown	
5	10720983	6.0 – 6.4	LSR	green	
6	15470809	6.5 – 7.5	LSR	red	
7	10720907	plug	LSR	green	



MP 800 series

Inline / device sealed & unsealed (current range max. 100 A)

Fig	Part number	Description	Color
1	12160893	1 way female 800 MP unsealed	black
2	12160894	1 way male 800 MP unsealed	black
3	12160895	TPA for 1 way unsealed	gray
4	12052834	CPA for 1 way unsealed (option)	green
5	12110290	Connector fixing 6.3 hole * (option)	mid grey
6	15355404	2 way female 800 MP sealed	black
7	15355398	TPA for 2 way sealed	black
8	15355405	3 way female 800 MP sealed	black
9	15355399	TPA for 3 way sealed	black



MP 800 series Typical terminals & seals

Fig	Part number	Cable range (mm ²)	Material	Plating	Version
1	12065915	0.8 – 1.0	CuZn	Ag	unsealed
	12065916	2.0 – 3.0	CuZn	Ag	unsealed
	12110127	5.0	CuZn	Ag	unsealed
	12146942	8.0	CuZn	Ag	unsealed
2	15336748	5.0	CuZn	Ag	sealed
	12129414	8.0	CuZn	Ag	sealed
3	12110700	5.0	CuZn	Ag	unsealed
Fig	Part number	Cable range (Ø mm)	Material	Color	
4	15324999	3.61 – 4.5	LSR	blue	
5	15324998	4.54 – 4.7	LSR	dk red	
	15393982	5.60 – 6.0	LSR	tan	
6	15355390	6.63 – 6.89	LSR	red	



2 way GT 630

Shielded hybrid system (current range max. 42 A at 600 V)

Fig	Part number	Description	Color
1	customized	2 way GT 150 female shielded connector	orange
2	customized	2 way shielded header for figure 1	orange



Typical applications:

42V or HV steering circuits
 HV AC compressors
 HV DC/DC converters

Features:

Fully sealed system
 Isolated and sealed cavities (double sealing)
 Complete sealed shielding
 HVIL (Hazardous voltage interlock loop) optionally possible



The products on this page are customized, we offer our engineering capacity for your specific requirements. For more information contact our commercial representative.

Power Pack 1000 series 2 way sealed (current range max. 120A)

Fig	Part number	Description	Cable diameter	Color
1	13675536	2 way female PP 1000 inline straight index right		black
	13675537	2 way female PP 1000 inline straight index left		black
2	13675504	2 way male PP 1000 inline straight index right		black
	13675505	2 way male PP 1000 inline straight index left		black
3	13675541	2 way female PP 1000 inline 90° index right		black
	13675542	2 way female PP 1000 inline 90° index left		black
4	13675506	2 way male PP 1000 inline 90° index right		black
	13675507	2 way male PP 1000 inline 90° index left		black
5	13675516	TPA, seal retainer and strain relief	4.5 – 5.6	lt gray
6	13675517	TPA, seal retainer and strain relief	5.6 – 6.9	blue
7	13675518	TPA, seal retainer and strain relief	6.8 – 8.0	brown
8	13675519	TPA, seal retainer and strain relief	8.0 – 9.2	black
9	13675520	TPA, seal retainer and strain relief	9.0 – 10.2	gray



Power Pack 1000 series Typical terminals & seals

Fig	Part number	Cable range (mm ²) (Cable diameter)	Description	Plating	Version
1	13675583	8.0 to 10.0 (4.54 – 5.79)	PWR Pack fe SLD	Ag	inline
	13675584	13.0 – 16.0 (6.63 – 8.13)	PWR Pack fe SLD	Ag	inline
	13675585	19.0 – 25.0 (7.75 – 10.2)	PWR Pack fe SLD	Ag	inline
	13675587	8.0 to 10.0 (4.54 – 5.79)	PWR Pack fe SLD	Ag	right angle
	13675589	13.0 – 16.0 (6.63 – 8.13)	PWR Pack fe SLD	Ag	right angle
2	13675590	19.0 – 25.0 (7.75 – 10.2)	PWR Pack fe SLD	Ag	right angle
	13675577	8.0 to 10.0 (4.54 – 5.79)	PWR Pack m SLD	Ag	male
	13675578	13.0 – 16.0 (6.63 – 8.13)	PWR Pack m SLD	Ag	male
3	13675579	19.0 – 25.0 (7.75 – 10.2)	PWR Pack m SLD	Ag	male
Fig	Part number	Cable range (Ømm)	Material	Color	
4	13675510	4.54 – 5.79	Silicone	gray	
5	13675511	5.4 – 6.6	Silicone	blue	
6	13675512	6.63 – 7.75	Silicone	brown	
7	13675513	7.61 – 9.19	Silicone	green	
8	13675514	9.0 – 10.2	Silicone	yellow	



Power Pack 1000 series

3 way Power Pack 1000 shielded system with HVIL

Fig	Part number	Description
1	customized	3 way shielded Power Pack 1000 female connector
2	customized	3 way shielded Power Pack 1000 male connector
3	customized	HVIL connector



Typical applications:

Inverter applications
 Battery
 BAS (Belted-Alternator-
 Starter) system

Features:

Fully sealed system
 Bundle shielding
 Break first / mate last HVIL

The products on this page are customized, we offer our engineering capacity for your specific requirements. For more information contact our commercial representative.

Power Pack 2000 series

1 way sealed (current range max. 200 A)

Fig	Part number	Description	Color
1	13520916	1 way Power Pack 2000 female	black
2	13520909	1 way Power Pack 2000 male	black
3	13520386	1 way Power Pack 2000 male header	black
4	PE142011	1 way Power Pack 2000 female right angle type 2	black
5	PE156480	1 way Power Pack 2000 male header right angle	black
6	13520911	TPA 19mm ² for 1 way system sealed	dk gray
	13523148	TPA 32mm ² for 1 way system sealed	lt gray
	13523149	TPA 50mm ² for 1 way system sealed	brown
	13523150	TPA 62mm ² for 1 way system sealed	blue



Power Pack 2000 series Typical terminals & seals

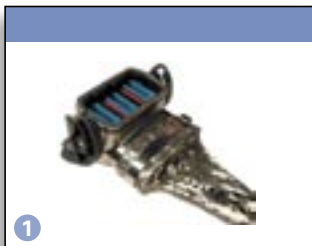
Fig	Part number	Cable range (mm ²)	Material	Plating	Version
1	15496986	13 – 19	PWR Pack fe SLD	Ag	right angle type 2
	13513037	32	PWR Pack fe SLD	Ag	right angle type 2
	13513038	40 – 50	PWR Pack fe SLD	Ag	right angle type 2
	13513039	62	PWR Pack fe SLD	Ag	right angle type 2
2	13520912	13 – 19	PWR Pack fe SLD	Ag	inline
	13523152	32	PWR Pack fe SLD	Ag	inline
	13523153	40 – 50	PWR Pack fe SLD	Ag	inline
	15323154	62	PWR Pack fe SLD	Ag	inline
3	13520914	13 – 19	PWR Pack m SLD	Ag	-
	13523156	32	PWR Pack m SLD	Ag	-
	13523157	40 – 50	PWR Pack m SLD	Ag	-
	13523158	62	PWR Pack m SLD	Ag	-
Fig	Part number	Cable range (Ømm)	Material	Color	
4	15411422	8.43 +/- 0.26	Silicone	purple	
5	15411421	10.75 +/- 0.41	Silicone	lt gray	
6	15411420	13.61 +/- 0.41	Silicone	white	
7	15411419	14.71 +/- 0.41	Silicone	blue	



Power Pack 2000 series

3 way Power Pack 2000 shielded system

Fig	Part number	Description
1	customized	3 way shielded Power Pack 2000 female right angle
2	customized	3 way shielded header for figure 1



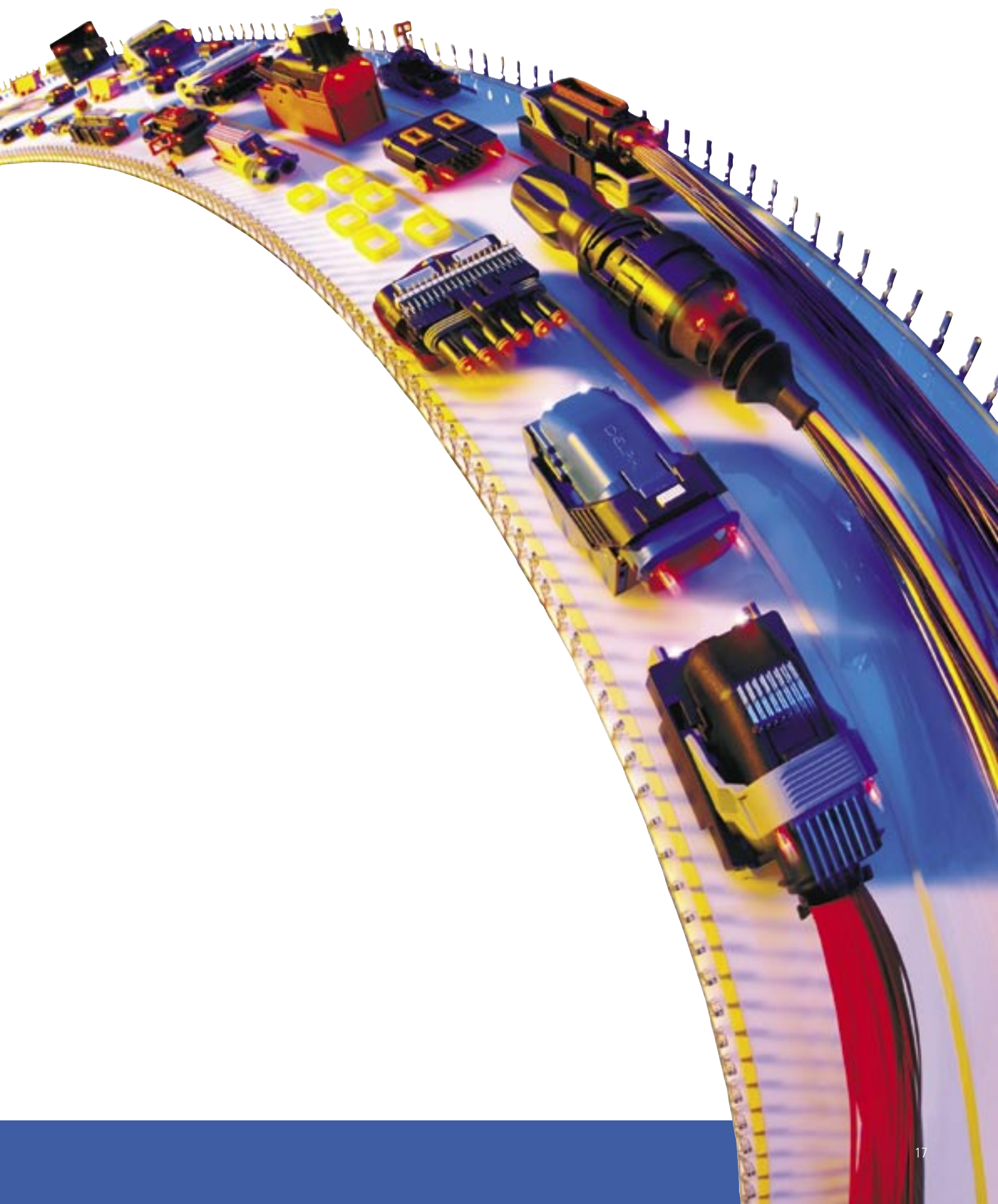
Typical applications:

Inverter applications

Features:

Fully sealed system
Bundle shielding

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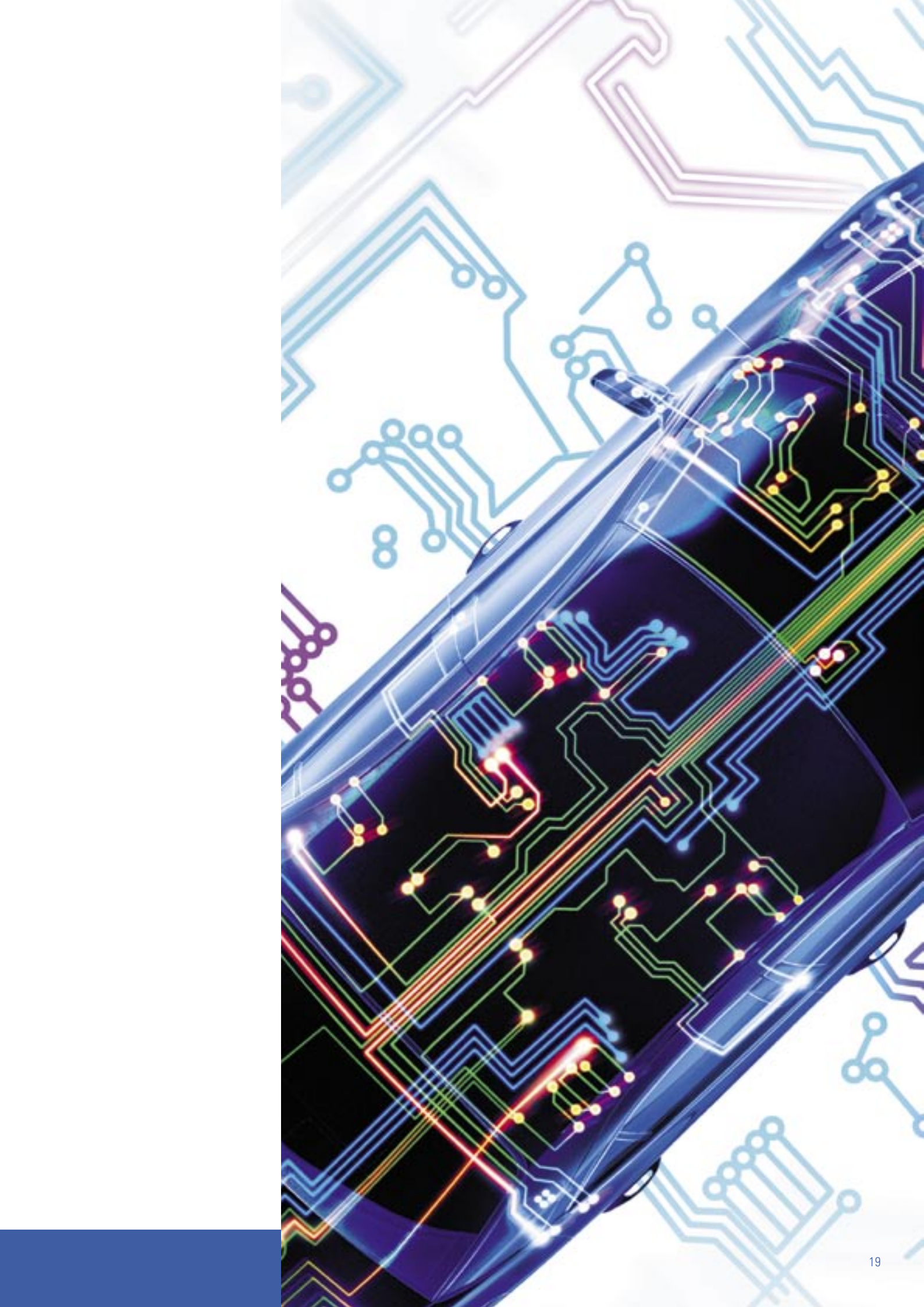


Delphi has decades of connector
expertise. We've developed many
industry firsts. We design components
to help improve overall product
performance. And we're synonymous
with quality and service.

We're a border-jumping, globe-spanning,
paradigm-setting team that's brimming
with the expertise and enthusiasm
to exceed your every expectation.

Your next project deserves everything

Delphi can offer.





DELPHI

North America Regional Operations

1265 North River Road
Warren, OH 44483
USA
Tel: [1] 330.373.7614
Fax: [1] 928.832.4511

Asia Pacific Regional Operations

60 Yuanguo Road, Anting, Jiading
Shanghai 201814
China
Tel: [86] 21.5956.3300
Fax: [86] 21.6957.3797

Europe Regional Operations

Delphiplatz 1
42119 Wuppertal
Germany
Tel: [49] 202.291.0
Fax: [49] 202.291.2777

South America Regional Operations

Rod. Dos Tamoidos, KM 21, 8
Jambeiro, Sao Paulo 12270-000
Brazil
Tel: [55] 12.3978.2151
Fax: [55] 12.3978.2077

delphi.com/connect



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