

CON2024

CON 2024

Connectors

ionnic | 

Mission Statement

To be the preferred supplier of electrical, lighting and safety solutions for mobile plant and equipment in the mining and services industry.

We will continue to improve and expand our range of products that meet and exceed OEM standards, maintaining the latest technology and innovation available backed by technical support and supply.

TE DEUTSCH

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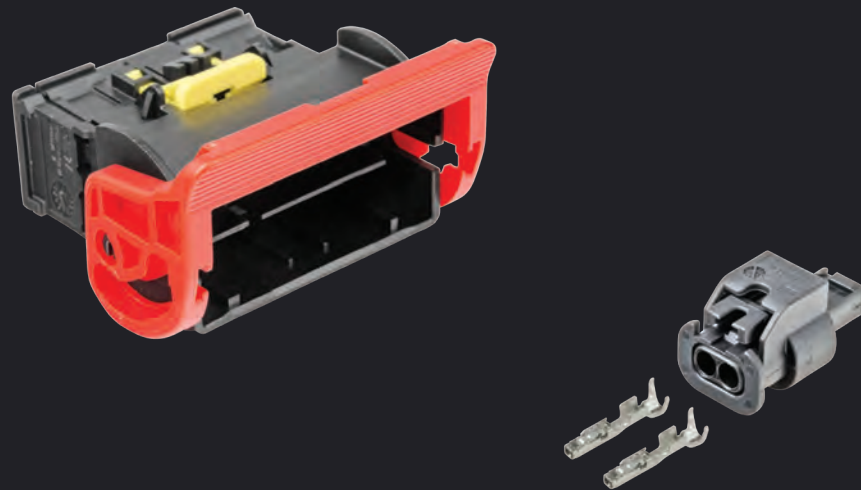
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TE MCON



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New in Connectors 2024

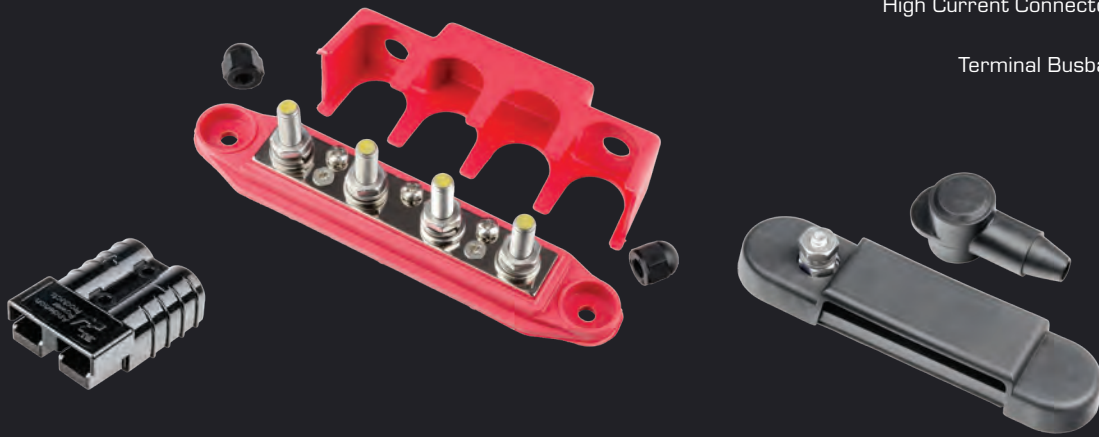
NEW in Battery



Clips & Clamps

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NEW in Miscellanies



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THE DEUTSCH





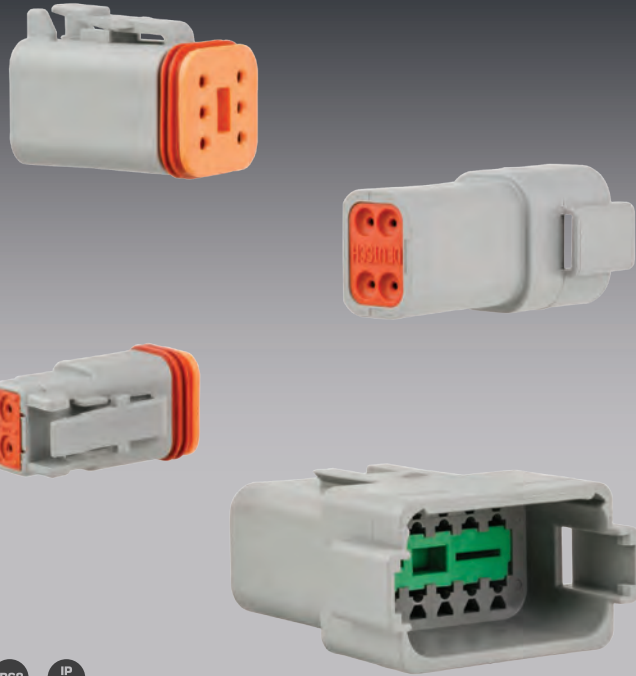
DT Series 8



DTM Series 12



HD30/HDP20 Series 14



- Industry proven.
- Environmentally sealed – IP68, IP6K9K, when installed to manufacturer's specifications.
- 2, 3, 4, 6, 8 and 12 cavity arrangements.
- Multiple housing options available.
- Rectangular, thermoplastic housing.
- Latched mating.
- Wedgelocks ensure contact alignment and retention.
- Accepts size 16 contacts, each with 13A continuous capacity.
- Available as kits in Solid Green Band and Solid Green Band – Gold-plated options.
- Available in convenient on-site service kits containing assortments of connectors, contacts and tools.

Housing :	Thermoplastic
Seal :	Silicone Rubber
Wedgelocks :	Thermoplastic
Contact Size :	16
Contact Rating :	13A @ 125°C
Shock :	50G
Vibration :	20G rms 10 – 2000Hz
Approvals :	20mm Flame Test per Standard UL-94
Ingress Protection :	IP68, IP6K9K
Operating Temperature :	-55°C to 125°C

DT04-2P



DT06-2S

DT04-3P



DT06-3S

DT04-4P



DT06-4S

DT04-6P



DT06-6S

DT04-08PA



DT06-08SA

DT04-12PA



DT06-12SA

DT0X-2X



2 x size 16

DT0X-3X



3 x size 16

DT0X-4X



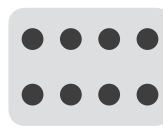
4 x size 16

DT0X-6X

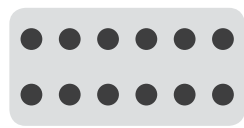


6 x size 16

DT0X-08XX

8 x size 16
A, B, C, D

DT0X-12XX

12 x size 16
A, B, C, D

DT Series – Popular Components

Cavities	Housing	Receptacle Components		Cavities	Housing	Plug Components	
		Wedgelock	Size 16 Pin – Nickel			Wedgelock	Size 16 Socket – Nickel
2	DT04-2P	W2P	0460-202-16141 AWG20-16 / 0.5-1.0mm ²	2	DT06-2S	W2S-P012	0462-201-16141 AWG20-16 / 0.5-1.0mm ²
3	DT04-3P	W3P		3	DT06-3S	W3S-P012	
4	DT04-4P	W4P	Green Band 0460-215-16141 AWG14 / 1.0-2.0mm ²	4	DT06-4S	W4S	Green Band 0462-209-16141 AWG14 / 1.0-2.0mm ²
6	DT04-6P	W6P		6	DT06-6S	W6S	
8	DT04-08PA	W8P		8	DT06-08SA	W8S	
12	DT04-12PA	W12P	114017 Cavity Plug	12	DT06-12SA	W12S	114017 Cavity Plug

Size 16 Green Band Contacts

Size 16 solid contacts are available to suit 2 wire sizes. Contacts with the green band marking accept the larger wire size of AWG14 / 1.0 – 2.0mm².



0462-209-16141



0460-215-1631



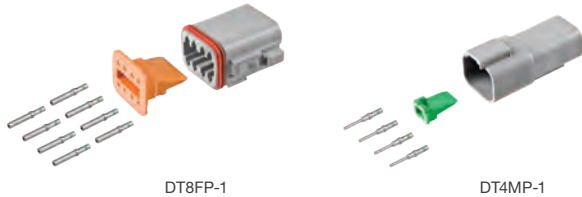
DT Series – Popular Kits

Contact Type (Size 16) – Solid	No. of Circuits					
	2	3	4	6	8	12
Green Band	DT2-1	DT3-1	DT4-1	DT6-1	DT8-1	DT12-1
Green Band – Gold-plated	DT2-4	DT3-4	DT3-4	DT6-4	DT8-4	DT12-4

Kit Contents:
 1 x Receptacle & Wedgelock
 1 x Plug & Wedgelock
 Contacts to suit

Half Kits

Half Kits contain all components to make one half of a connection. Each kit contains **Green Band** contacts and a standard DT Series housing with appropriate wedgelock.



DT Series – Half Kits

Style	Contact Type (Size 16)	No. of Cavities					
		2	3	4	6	8	12
Receptacle	Solid – Green Band	DT2MP-1	DT3MP-1	DT4MP-1	DT6MP-1	DT8MP-1	DT12MP-1
Plug	Solid – Green Band	DT2FP-1	DT3FP-1	DT4FP-1	DT6FP-1	DT8FP-1	DT12FP-1

Kit Contents:
 1 x Housing & Wedgelock
 Contacts to suit

More Kit Types Available



Flange Mount Connector with Solid Green Band Contacts



CAT-Spec Connector with Solid Green Band Gold-plated Contacts

For the entire range of DT Series Connector Kits download the complete DEUTSCH catalogue from ionnic.com or free call from within Australia 1800 724 690.







DTKIT



DTKIT-1

For tools refer to page 16-17



DTKIT-2

Assortment Kits – DT Series

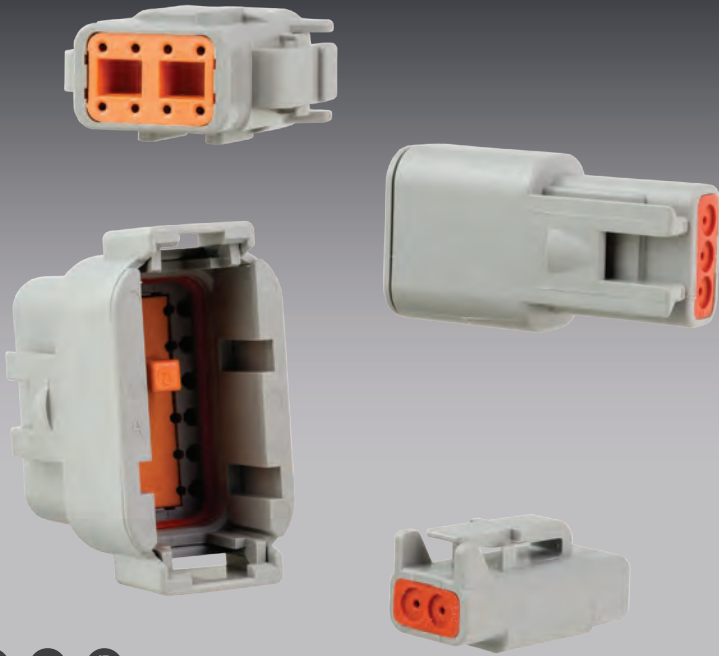
Part No.	Kit Contents		
DTKIT 136 Piece F-Crimp contacts Standard DT Series connectors	Receptacles & Wedgelocks: 3 x DT04-2P & W2P 3 x DT04-3P & W3P 2 x DT04-4P & W4P 1 x DT04-6P & W6P 1 x DT04-08PA & W8P 1 x DT04-12PA & W12P	Plugs & Wedgelocks: 3 x DT06-2S & W2S-P012 3 x DT06-3S & W3S-P012 2 x DT06-4S & W4S 1 x DT06-6S & W6S 1 x DT06-08SA & W8S 1 x DT06-12SA & W12S	Contacts & Cavity Plugs: 12 x Cavity Plugs (114017) 40 x F-Crimp Pin (1060-16-0122L) 40 x F-Crimp Socket (1062-16-0122L)
DTKIT-1 136 Piece Solid contacts Standard DT Series connectors	Receptacles & Wedgelocks: 3 x DT04-2P & W2P 3 x DT04-3P & W3P 2 x DT04-4P & W4P 1 x DT04-6P & W6P 1 x DT04-08PA & W8P 1 x DT04-12PA & W12P	Plugs & Wedgelocks: 3 x DT06-2S & W2S-P012 3 x DT06-3S & W3S-P012 2 x DT06-4S & W4S 1 x DT06-6S & W6S 1 x DT06-08SA & W8S 1 x DT06-12SA & W12S	Contacts & Cavity Plugs: 12 x Cavity Plug (114017) 40 x Solid Pin – Green Band (0460-215-16141) 40 x Solid Socket – Green Band (0462-209-16141)
DTKIT-2 138 Piece Solid contacts Standard DT Series connectors Crimping and Multi-use tool	Receptacles & Wedgelocks: 3 x DT04-2P & W2P 3 x DT04-3P & W3P 2 x DT04-4P & W4P 1 x DT04-6P & W6P 1 x DT04-08PA & W8P 1 x DT04-12PA & W12P	Plugs & Wedgelocks: 3 x DT06-2S & W2S-P012 3 x DT06-3S & W3S-P012 2 x DT06-4S & W4S 1 x DT06-6S & W6S 1 x DT06-08SA & W8S 1 x DT06-12SA & W12S	Contacts & Cavity Plugs: 12 x Cavity Plug (114017) 40 x Solid Pin – Green Band (0460-215-16141) 40 x Solid Socket – Green Band (0462-209-16141) Tools: 1 x Removal Tool (DET-RT) 1 x Crimping Tool (DET16)



Assortment Kits – DT Series – Workshop Kits

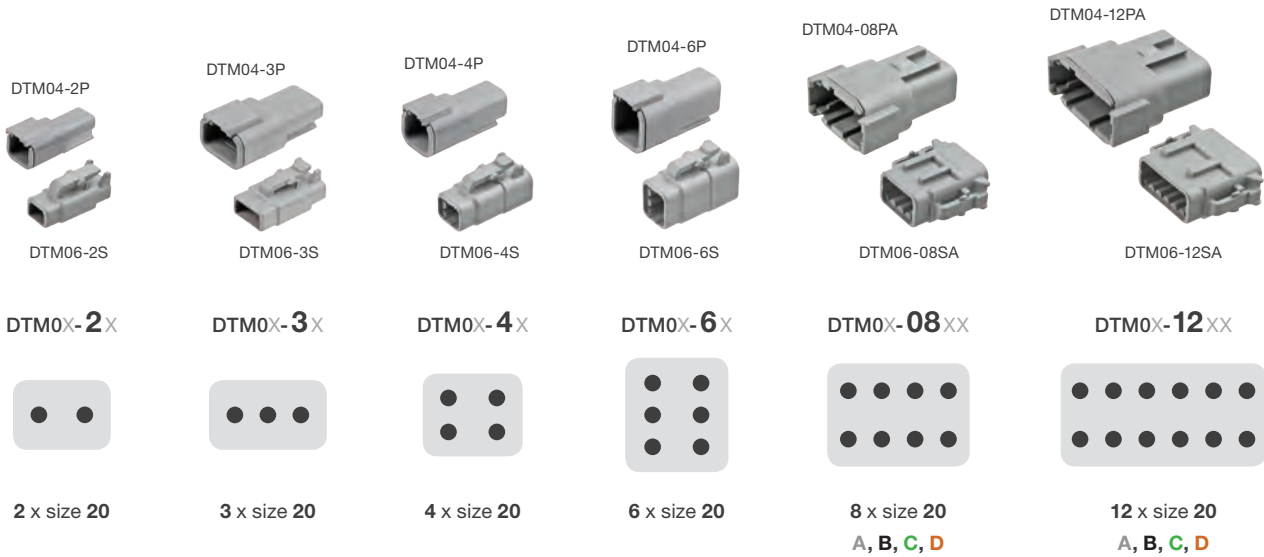
Part No.	Kit Contents		
DTKIT-WORKSHOP			
604 Piece Standard DT Series Solid contacts Crimping and Multi-use tool	Receptacles & Wedgelocks: 10 x DT04-2P & W2P 10 x DT04-3P & W3P 6 x DT04-4P & W4P 6 x DT04-6P & W6P 3 x DT04-8PA & W8P 3 x DT04-12PA & W12P	Plugs & Wedgelocks: 10 x DT06-2S & W2S 10 x DT06-3S & W3S 6 x DT06-4S & W4S 6 x DT06-6S & W6S 3 x DT06-8SA & W8S 3 x DT06-12SA & W12S	Contacts & Cavity Plugs: 50 x Cavity Plug (114017) 100 x Solid Pin – Green Band (0460-215-16141) 100 x Solid Socket – Green Band (0462-209-16141) 100 x Solid Pin (0460-202-16141) 100 x Solid Socket (0462-201-16141)
			Tools: 1 x Crimping Tool (DET16) 1 x Removal Tool (DET-RT)
DTKIT-W/SHOP-CAT			
604 Piece 'CAT-Spec' DT Series Solid contacts Crimping and Multi-use tool	Receptacles & Wedgelocks: 10 x DT04-2P-E005 & W2P 10 x DT04-3P-E005 & W3P 6 x DT04-4P-E005 & W4P 6 x DT04-6P-E005 & W6P 3 x DT04-08PA-E005 & W8P 3 x DT04-12PA-E005 & W12P	Plugs & Wedgelocks: 10 x DT06-2S-EP06 & W2S-P012 10 x DT06-3S-EP06 & W3S-P012 6 x DT06-4S-EP06 & W4S-P012 6 x DT06-6S-EP06 & W6S-P012 3 x DT06-08SA-EP08 & W8S-P012 3 x DT06-12SA-EP08 & W12S-P012	Contacts & Cavity Plugs: 50 x Cavity Plug (114017) 100 x Solid Pin – Green Band (0460-215-16141) 100 x Solid Socket – Green Band (0462-209-16141) 100 x Solid Pin (0460-202-16141) 100 x Solid Socket (0462-201-16141)
			Tools: 1 x Crimping Tool (DET16) 1 x Removal Tool (DET-RT)





- Environmentally sealed – IP68, IP6K9K, when installed to manufacturer's specifications.
- 2, 3, 4, 6, 8 and 12 cavity arrangements.
- Latched mating.
- Wedgelocks ensure contact alignment and retention.
- Accepts size 20 contacts, each with 7.5A continuous capacity.
- Available in keyed housings (8 & 12 cavity only).
- Available as kits in Solid Green Band and Solid Green Band – Gold-plated options.
- Available in convenient on-site service kits containing assortments of connectors, contacts and tools.

Housing :	Thermoplastic
Seal :	Silicone Rubber
Wedgelocks :	Thermoplastic
Contact Size :	20
Contact Rating :	7.5A @ 125°C
Shock :	50G
Vibration :	20G rms 10 – 2000Hz
Approvals :	20mm Flame Test per Standard UL-94
Ingress Protection :	IP68, IP6K9K
Operating Temperature :	-55°C to 125°C



DTM Series – Popular Components

Circuits	Housing	Receptacle Components	
		Wedgelock	Size 20 Pin – Nickel
2	DTM04-2P	WM-2P	0460-202-20141 AWG20 / 0.5mm ²
3	DTM04-3P	WM-3P	
4	DTM04-4P	WM-4P	Purple Band
6	DTM04-6P	WM-6P	0460-010-20141 AWG18-16 / 0.75-1.3mm ²
8	DTM04-08PA	WM-8P	
12	DTM04-12PA	WM-12P	0413-204-2005 Cavity Plug

Circuits	Housing	Plug Components	
		Wedgelock	Size 20 Socket – Nickel
2	DTM06-2S	WM-2S	0462-201-20141 AWG20 / 0.5mm ²
3	DTM06-3S	WM-3S	
4	DTM06-4S	WM-4S	Purple Band
6	DTM06-6S	WM-6S	0462-005-20141 AWG18-16 / 0.75-1.3mm ²
8	DTM06-08SA	WM-8S	
12	DTM06-12SA	WM-12S	0413-204-2005 Cavity Plug

For entire range of DTM Series Kits see the DEUTSCH 2024 catalogue

Visit ionnic.com or contact your nearest reseller for a copy

DTM4-1



DTM Series – Kits

Contact Type (Size 20)	No. of Cavities					
	2	3	4	6	8	12
Solid	DTM2-1	DTM3-1	DTM4-1	DTM6-1	DTM8-1	DTM12-1
Solid – Gold-plated	DTM2	DTM3	DTM4	DTM6	DTM8	DTM12
Solid – Purple Band	DTM2-2	DTM3-2	DTM4-2	DTM6-2	DTM8-2	DTM12-2

Kit Contents:
 1 x Receptacle & Wedgelock
 1 x Plug & Wedgelock
 Contacts to suit



DTMKIT



DTMKIT-1



DTMKIT-2

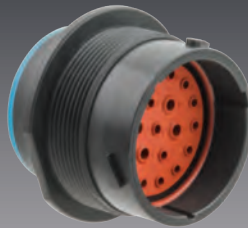
Assortment Kits – DTM Series

Part No.	Kit Contents		
DTMKIT 192 Piece Standard DTM Series F-Crimp contacts	Receptacles & Wedgelocks: 4 x DTM04-2P & WM-2P 4 x DTM04-3P & WM-3P 4 x DTM04-4P & WM-4P 2 x DTM04-6P & WM-6P 2 x DTM04-08PA & WM-8P 2 x DTM04-12PA & WM-12P	Plugs & Wedgelocks: 4 x DTM06-2S & WM-2S 4 x DTM06-3S & WM-3S 4 x DTM06-4S & WM-4S 2 x DTM06-6S & WM-6S 2 x DTM06-08SA & WM-8S 2 x DTM06-12SA & WM-12S	Contacts & Cavity Plugs: 20 x Cavity Plug (0413-204-2005) 50 x F-Crimp Pin (1060-20-0122L) 50 x F-Crimp Socket (1062-20-0122L)
DTMKIT-1 192 Piece Standard DTM Series Solid contacts	Receptacles & Wedgelocks: 4 x DTM04-2P & WM-2P 4 x DTM04-3P & WM-3P 4 x DTM04-4P & WM-4P 2 x DTM04-6P & WM-6P 2 x DTM04-08PA & WM-8P 2 x DTM04-12PA & WM-12P	Plugs & Wedgelocks: 4 x DTM06-2S & WM-2S 4 x DTM06-3S & WM-3S 4 x DTM06-4S & WM-4S 2 x DTM06-6S & WM-6S 2 x DTM06-08SA & WM-8S 2 x DTM06-12SA & WM-12S	Contacts & Cavity Plugs: 20 x Cavity Plug (0413-204-2005) 50 x Solid Pin (0460-202-20141) 50 x Solid Socket (0462-201-20141)
DTMKIT-2 157 Piece Standard DTM Series Solid contacts Crimping Tool	Receptacles & Wedgelocks: 4 x DTM04-2P & WM-2P 4 x DTM04-3P & WM-3P 4 x DTM04-4P & WM-4P 2 x DTM04-6P & WM-6P 2 x DTM04-08PA & WM-8P 2 x DTM04-12PA & WM-12P	Plugs & Wedgelocks: 4 x DTM06-2S & WM-2S 4 x DTM06-3S & WM-3S 4 x DTM06-4S & WM-4S 2 x DTM06-6S & WM-6S 2 x DTM06-08SA & WM-8S 2 x DTM06-12SA & WM-12S	Contacts & Cavity Plugs: 20 x Cavity Plug (0413-204-2005) 50 x Solid Pin (0460-202-20141) 50 x Solid Socket (0462-201-20141) Tools: 1 x Crimping Tool (DET20)





HD34-24-31ST



HDP24-24-21PE

HD36-18-8SN



HDP26-18-6SN



- 137 kits available containing all components required to make one half of a connection.
- Environmentally sealed – IP67, when installed to manufacturer's specifications.
- Designed specifically for the truck, bus, mining and construction industry.
- Available in aluminium (HD30) or thermoplastic housings (HDP20).
- Multiple pin configurations that accept contact sizes 4 through 20.
- Quick connect/disconnect bayonet coupling.
- HD30 and HDP20 series are cross compatible.
- Resistant to most fluids in industrial applications.

Housing :	HD30	Aluminium
	HDP20	Thermoplastic
Seal :		Silicon Rubber
Shock :		50G
Vibration :		20G rms 10 – 2000Hz
Approvals :	20mm Flame Test per Standard UL-94	
Ingress Protection :		IP67
Operating Temperature :		-55°C to 125°C

HD30/HDP20 Series Half Kits



M34-18-21PN

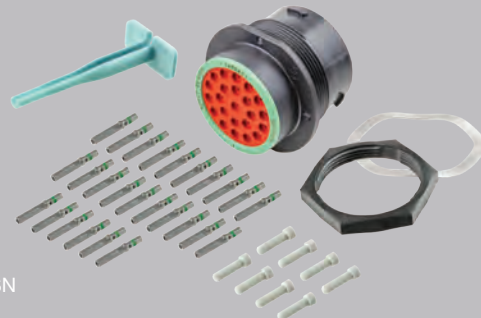


Contains all components for one half of a connection

Available for a wide range of HD30/HDP20 Series connectors



P24-24-23SN



137 KITS AVAILABLE

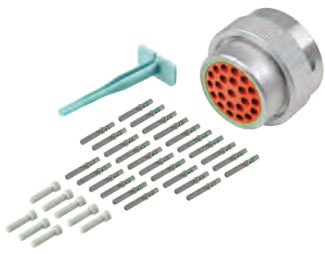
For the entire range of HD30/HDP20 Series Connector Kits download the complete DEUTSCH catalogue from ionnic.com or free call from within Australia 1800 724 690



P24-18-6PN



P24-24-47SE



M36-24-23SN

HD30/HDP20 Half Kits

	Connector	Wire Seal	Part No.	Kit Contents
<p>2 x size 4 4 x size 16</p>	Thermoplastic Receptacle	Green Ring (Normal)	P24-18-6PN	<ul style="list-style-type: none"> 1 x Receptacle (HDP24-18-6PN) 1 x Removal Tool (114009) 1 x Removal Tool (0411-310-1605) 2 x Pin – Solid (0460-204-0490) 4 x Pin – Solid (0460-215-16141) 1 x Panel Nut (2411-002-1805) 1 x Lock Washer (2414-002-1886)
<p>5 x size 16 42 x size 20</p>	Thermoplastic Receptacle	Blue Ring (Extra thin)	P24-24-47SE	<ul style="list-style-type: none"> 1 x Receptacle (HDP24-24-47SE) 1 x Removal Tool (0411-204-1605) 1 x Removal Tool (0411-240-2005) 47 x Socket – Solid (0462-201-20141) 6 x Socket – Solid (0462-201-16141) 2 x Sealing Plugs (114017) 10 x Sealing Plugs (0413-204-2005) 1 x Panel Nut (2411-001-2405) 1 x Lock Washer (2414-001-2486)
<p>23 x size 16</p>	Aluminium Plug	Green Ring (Normal)	M36-24-23SN	<ul style="list-style-type: none"> 1 x Plug (HD36-24-23SN) 1 x Removal Tool (0411-310-1605) 26 x Socket – Solid (0462-209-16141) 8 x Sealing Plugs (114017)





D7000

D7000
6 Removable Dies

Die 1 14, 12AWG	Die 2 12, 10AWG
Die 3 18, 16, 14AWG	Die 4 20, 18, 16AWG
Die 5 20, 18-16AWG	Die 6 16, 14, 12AWG

Crimping Tools – Stamped & Formed (F-Crimp) Contacts

Part No.	Description	Crimp Range (AWG)
D7000	Ratcheting crimp tool set with 6 removable dies. 1 indent crimper “U” crimp	



DET12, DET16, DET20



Made in North America

D2682



Made in North America

HDT-48-00

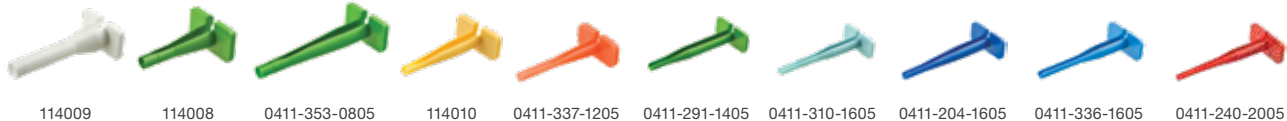


Made in North America

HDT-50-00

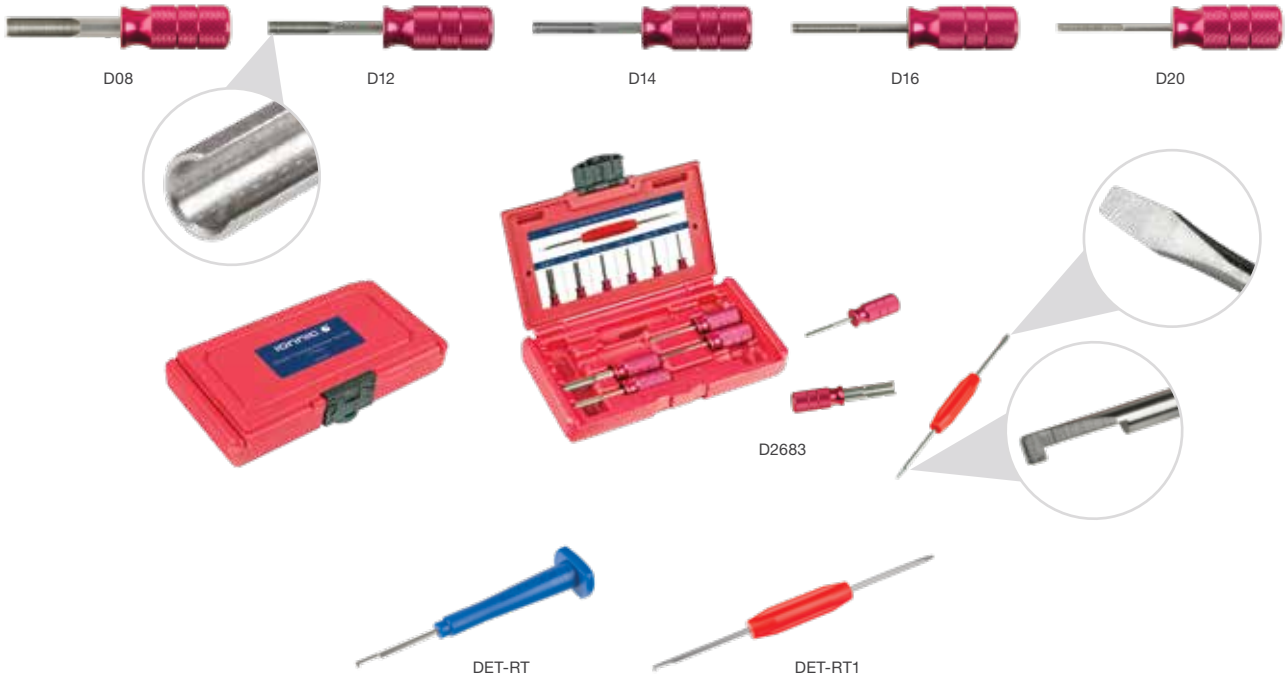
Crimping Tools – Solid Contacts

Part No.	Description	Contact Size (TE DEUTSCH)	Crimp Style	Notes
DET12	Ratcheting	12	4 indent	
DET16	Ratcheting	16	4 indent	
DET20	Ratcheting	20	4 indent	
D2682	Ratcheting	20, 16, 12	2 indent	
HDT-48-00	Ratcheting	20, 16, 12	4 indent	HDT-48-00 has a 90 day warranty.
HDT-50-00	Ratcheting	20, 16, 12	1 indent	



Removal Tools

Part No.	Contact Size	Wire Gauge Size (AWG)	Colour	Seal Type	Notes
114009	4	6	White	Normal Wall (N-Seal)	
114008	8	10, 8	Green	Normal Wall (N-Seal)	
0411-353-0805	8	10, 8	Green	Normal Wall (N-Seal)	Extended barrel
114010	12	12	Yellow	Normal Wall (N-Seal)	
0411-337-1205	12	14, 12	Orange	Extra Thin Wall (E-Seal)	
0411-291-1405	16	16, 14	Green	Normal Wall (N-Seal)	
0411-310-1605	16	18, 16	Light Blue	Thin Wall (T-Seal)	
0411-204-1605	16	18, 16	Dark Blue	Normal Wall (N-Seal)	
0411-336-1605	16	20, 16	Blue	Extra Thin Wall (E-Seal)	
0411-240-2005	20	22, 16	Red	Normal Wall (N-Seal)	



Heavy-duty Removal Tools & Multi-use Tools

Size 8	Size 12	Size 14	Size 16	Size 20
D08	D12	D14	D16	D20
D2683	Complete removal tool set including multi-use hook tool & flat-head screw driver. Removal tool for sizes 4, 8, 12, 14, 16, 20			
DET-RT	Multi-use hook tool			
DET-RT1	Multi-use hook tool & flat-head screw driver			



See IONNIC's entire range of TE DEUTSCH



DT Series



DT Detector Half Kits



DTV Series



DT-XT Series



DTM Series



DTP Series



DTHD Series



DRC Series



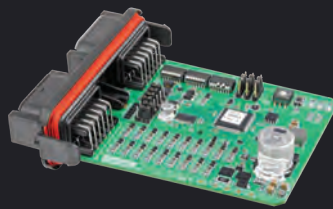
AEC Series



DRB Series



Bussing Hubs



PCB Headers



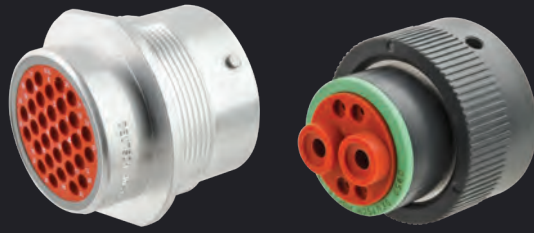
Assortment Kits



Controller Area Network (CAN)



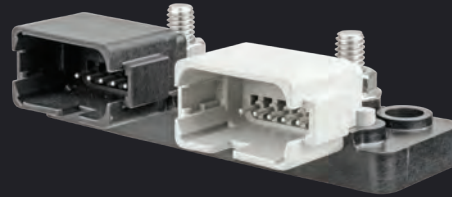
HD10 Series



HD30/HDP20 Series



Bussed Receptacles



Sealed Bus Bars



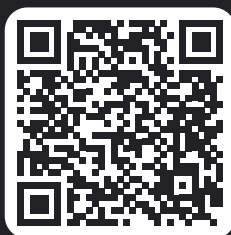
Contacts & Cavity Plugs



Diodes & Resistors



Crimping & Removal Tools



Download the complete catalogue
from ionnic.com or free call from
within Australia 1800 724 690



Environmentally Sealed



Environmentally Sealed



Weather-Pack 22



Metri-Pack 25



Superseal 34



TE MCON 37



TE AMPSEAL 16 40



TE AMPSEAL 42



M12 Network 44



DIN Connectors 45



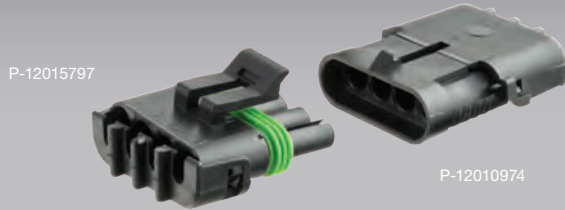
Schlemmer - Conduit Sealed 46



Schlemmer - Contact Sealed 48

Environmentally Sealed

Weather-Pack



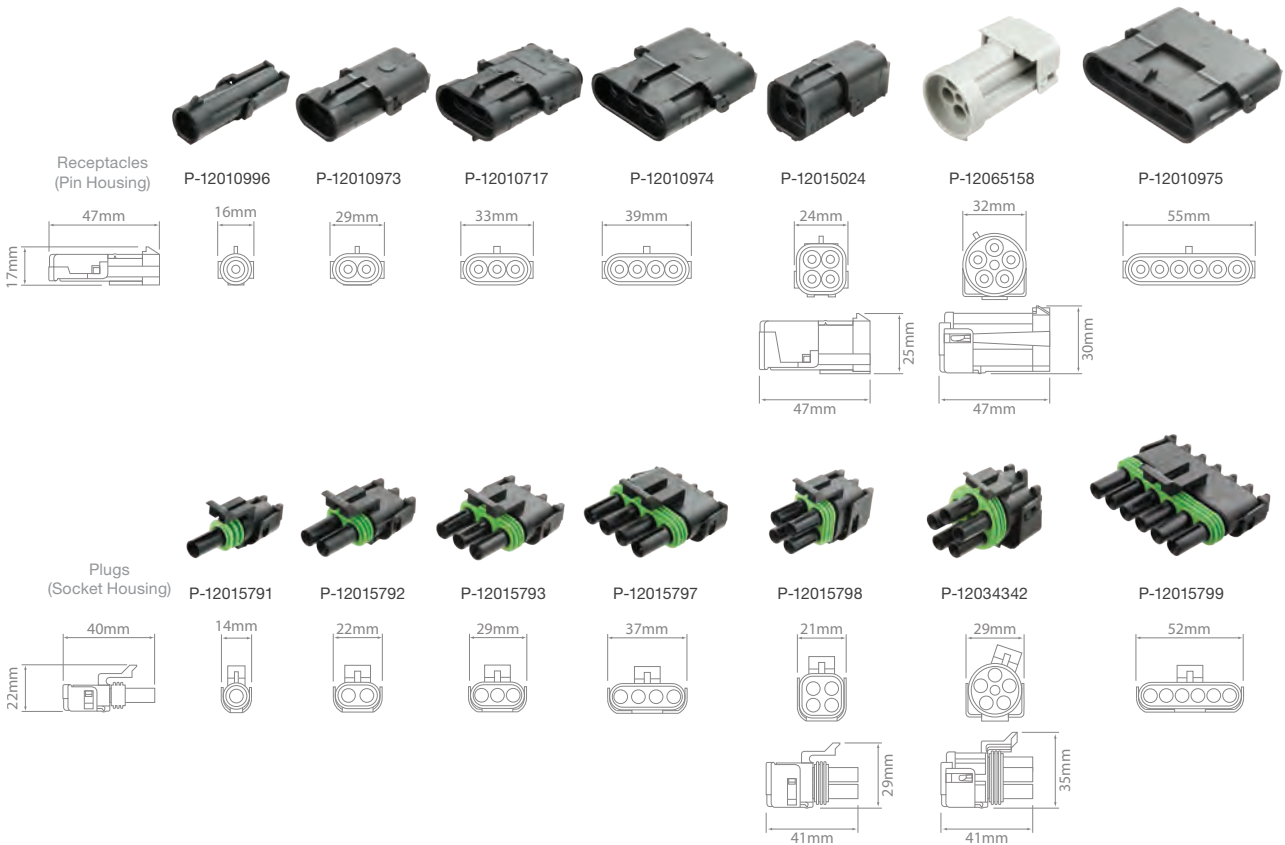
- Ideal for applications requiring protection from environmental hazards.
- Keyed to prevent mismatching.
- Hinged cover maximises terminal retention.
- Dual locking tabs on contacts.
- Made in North America.



Made in North America

Contact Rating :
 Contacts :
 Seal :
 Housing :
 Approvals :
 Operating Temperature :

20A Max.
 Tin-plated Brass
 Silicone Rubber
 PA6
 ELV, RoHS
 -40°C to 125°C



Weather-Pack – Connectors

1 Cavity P-12010996/10	2 Cavities P-12010973/10	3 Cavities P-12010717/10	Receptacles 4 Cavities (1x4) P-12010974/10	4 Cavities (2x2) P-12015024/10	5 Cavities P-12065158/10	6 Cavities P-12010975/10
1 Cavity P-12015791/10	2 Cavities P-12015792/10	3 Cavities P-12015793/10	Plugs 4 Cavities (1x4) P-12015797/10	4 Cavities (2x2) P-12015798/10	5 Cavities P-12034342/10	6 Cavities P-12015799/10

Supplied in packs of 10.
 Bulk stock also available in various quantities.



Environmentally Sealed



Weather-Pack – Kits

1 Circuit

P-WP1/2

- 2 x 1 Circuit Receptacle (12010996)
- 2 x 1 Circuit Plug (12015791)
- 2 x Contact – Socket (12124580)
- 2 x Contact – Pin (12124582)
- 8 x Seal (15324982)

4 Circuit (1x4)

P-WP4/2

- 2 x 4 Circuit Receptacle (12010974)
- 2 x 4 Circuit Plug (12015797)
- 8 x Contact – Socket (12124580)
- 8 x Contact – Pin (12124582)
- 16 x Seal (15324982)

6 Circuit

P-WP6/2

- 2 x 6 Circuit Receptacle (12010975)
- 2 x 6 Circuit Plug (12015799)
- 12 x Contact – Socket (12124580)
- 12 x Contact – Pin (12124582)
- 24 x Seal (15324982)

2 Circuit

P-WP2/2

- 2 x 2 Circuit Receptacle (12010973)
- 2 x 2 Circuit Plug (12015792)
- 4 x Contact – Socket (12124580)
- 4 x Contact – Pin (12124582)
- 8 x Seal (15324982)

4 Circuit (2x2)

P-WP4S/2

- 2 x 4 Circuit Receptacle (12015024)
- 2 x 4 Circuit Plug (12015798)
- 8 x Contact – Socket (12124580)
- 8 x Contact – Pin (12124582)
- 16 x Seal (15324982)

3 Circuit

P-WP3/2

- 2 x 3 Circuit Receptacle (12010717)
- 2 x 3 Circuit Plug (12015793)
- 6 x Contact – Socket (12124580)
- 6 x Contact – Pin (12124582)
- 12 x Seal (15324982)

5 Circuit

P-WP5/2

- 2 x 5 Circuit Receptacle (12034342)
- 2 x 5 Circuit Plug (12065158)
- 10 x Contact – Socket (12124580)
- 10 x Contact – Pin (12124582)
- 20 x Seal (15324982)

For tools refer to page 30–31

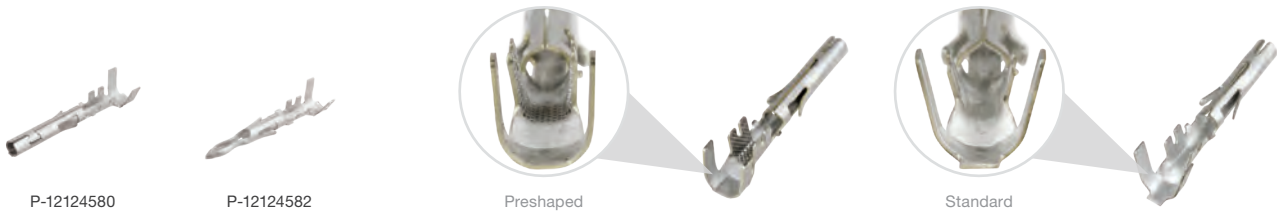


Weather-Pack – Assortment Kit

Part No.	Description	Kit Contents			
P-WP-1	247 Piece	Receptacles:	Plugs:	Contacts:	Misc:
		4 x 1 Circuit (12010996) 4 x 2 Circuit (12010973) 3 x 3 Circuit (12010717) 3 x 4 Circuit (12010974) 2 x 6 Circuit (12010975)	4 x 1 Circuit (12015791) 4 x 2 Circuit (12015792) 3 x 3 Circuit (12015793) 3 x 4 Circuit (12015797) 2 x 6 Circuit (12015799)	50 x Sockets (12124580) 50 x Pins (12124582)	4 x Fuse Holder (WSBFH) 1 x Extraction Tool (12014012)
		Seals & Cavity Plugs: 100 x Seals (15324982) 10 x Cavity Plug (12010300)			



Environmentally Sealed



Weather-Pack – Contacts

Pack Qty – 100	Pack Qty – 2200 (Reel)	Type	Wire Size (mm ²)	Max. Cable O.D. (mm)	Description
P-12089188/100	P-12089188-BULK	Socket	0.5 – 0.8	3.11	Standard
P-12089040/100	P-12089040-BULK	Pin	0.5 – 0.8	3.11	Standard
P-12124580/100	P-12124580-BULK	Socket	1.0 – 2.0	3.96	Standard
P-12124582/100	P-12124582-BULK	Pin	1.0 – 2.0	3.96	Standard
PF-12124580/100	–	Socket	1.0 – 2.0	3.96	Preshaped
PF-12124582/100	–	Pin	1.0 – 2.0	3.96	Preshaped
P-12124581/100	P-12124581-BULK	Socket	2.0 – 3.0	3.96	Standard
P-12124587/100	P-12124587-BULK	Pin	2.0 – 3.0	3.96	Standard
PF-12124581/100	–	Socket	2.0 – 3.0	3.96	Preshaped
PF-12124587/100	–	Pin	2.0 – 3.0	3.96	Preshaped

For tools refer to page 30–31



P-15324981



P-15324980



P-15324982



P-15324983



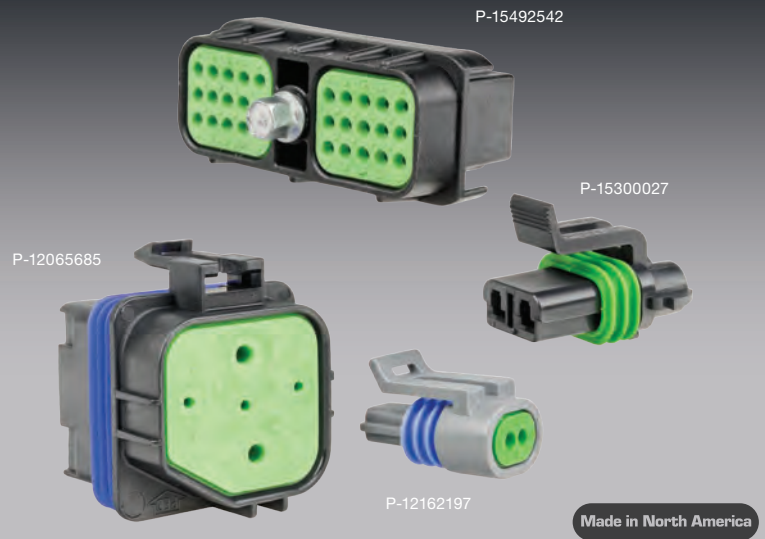
P-12010300

Weather-Pack – Seals & Cavity Plug

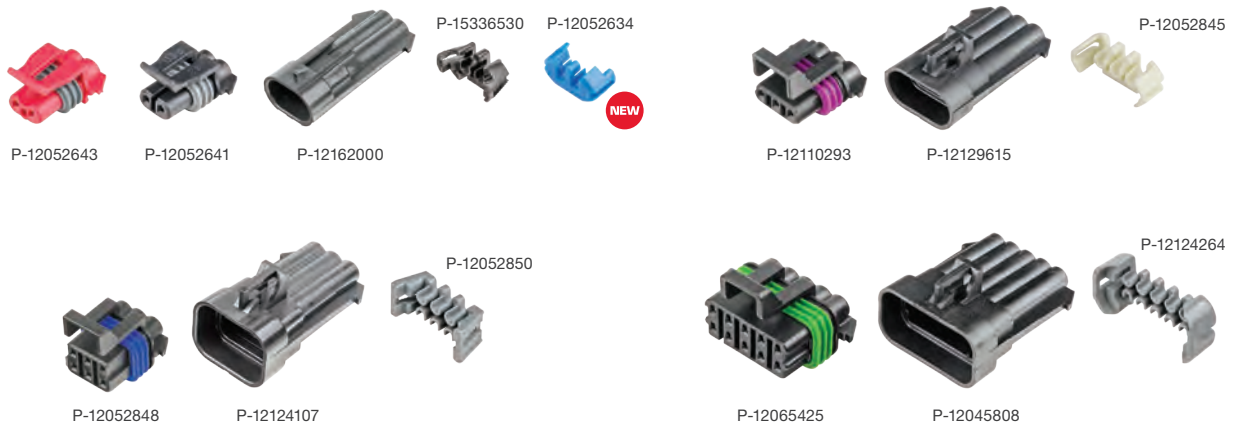
Pack Qty – 100	Bulk Pack	Bulk Qty	Description	Cable O.D. Range (mm)	Connector Cavity Ø (mm)	Colour
P-15324981/100	P-15324981-BULK	7000	Seal	4.30 – 3.45	6.7	Blue
P-15324980/100	P-15324980-BULK	7000	Seal	3.49 – 2.81	6.7	Grey
P-15324982/100	P-15324982-BULK	5000	Seal	2.85 – 2.03	6.7	Green
P-15324983/100	P-15324983-BULK	5000	Seal	1.70 – 1.29	6.7	Burgundy
P-12010300/100	P-12010300-BULK	3500	Cavity Plug	–	6.7	Green

Environmentally Sealed

- In-line connections for vehicle underhood applications.
- Meet or exceeds the requirements for most marine appliance and industrial control applications.
- Triple-rib peripheral silicone seals.
- Suitable for critical, low-energy electronic applications requiring protection from environmental hazards.
- Low energy, low voltage capability.
- Excellent resistance to temperature, chemicals and abrasion.
- Made in North America.



Series :	150	280	630
Contact Rating :	14A	30A	46A
Blade Width :	1.5mm	2.8mm	6.3mm
Operating Temperature :		-40°C to 125°C	



Metri-Pack – 150 Series – Connectors

Part No.	Type	Cavities	Contacts (1.5mm)	Body	Colour	Seal	Retainer	Pack Qty
P-12052643/10	Plug	2	Receptacles	Red	Grey	P-15336530/10, P-12052634/10	10	
P-12052641/10	Plug	2	Receptacles	Black	Grey	P-15336530/10, P-12052634/10	10	
P-12162000/10	Receptacle	2	Tabs	Black	—	P-15336530/10, P-12052634/10	10	
P-12110293/10	Plug	3	Receptacles	Black	Purple	P-12052845/10	10	
P-12129615/10	Receptacle	3	Tabs	Black	—	P-12052845/10	10	
P-12162144/10	Plug	4	Receptacles	Black	Amber	P-12047948/10	10	
P-12162102/10	Receptacle	4	Tabs	Black	—	P-12047948/10	10	
P-12052848/10	Plug	6	Receptacles	Black	Blue	P-12052850/10	10	
P-12124107/10	Receptacle	6	Tabs	Black	—	P-12052850/10	10	
P-12047937/5	Plug	8	Receptacles	Black	Amber	P-12066304/5	5	
P-12047931/5	Receptacle	8	Tabs	Black	—	P-12066304/5	5	
P-12065425/5	Plug	10	Receptacles	Black	Green	P-12124264/5	5	
P-12045808/5	Receptacle	10	Tabs	Black	—	P-12124264/5	5	



Environmentally Sealed



Metri-Pack – 150 Series – Connectors – Device Connections

Part No.	Pack Qty – 10	Type	Cavities	Contacts (1.5mm)	Colour		Retainer	Typical Application
					Body	Seal		
P-12065298	P-12065298/10	Plug	4	Receptacles	Black	Green	P-12066176/10	Switch



Metri-Pack – 150 Series – Connectors – Pull-to-Seat

Part No.	Pack Qty – 10	Type	Cavities	Contacts (1.5mm)	Cable O.D. Range (mm)	Body	Colour	
							Connector Seal	Cable Seal
P-12065287	P-12065287/10	Plug	3	Receptacles	1.65 – 2.15	Black	Purple	Red
P-15492542	–	Plug	30	Receptacles	2.0 – 2.4	Black	–	Green
P-15492546	–	Plug	18	Receptacles	2.0 – 2.4	Black	–	Green



For tools refer to page 30–31

Metri-Pack – 150 Series – Contacts

Pack Qty – 100	Pack Qty – Reel	Reel Qty	Type (1.5mm)	Wire Size (mm ²)	Cable O.D. Range (mm)	Description
P-12048074/100	P-12048074-BULK	3000	Receptacle	0.8 – 1.0	2.03 – 2.40	
P-12045773/100	P-12045773-BULK	3000	Tab	0.8 – 1.0	2.03 – 2.40	
P-12103881/100	P-12103881-BULK	5000	Receptacle	0.8 – 1.0	2.03 – 2.40	Pull-to-Seat



Metri-Pack – 150 Series – Seals & Cavity Plug

Pack Qty – 100	Bulk Pack	Bulk Qty	Description	Cable O.D. Range (mm)	Connector Cavity Ø (mm)	Colour
P-15324974/100	P-15324974-BULK	10,000	Seal	1.2 – 1.7	5.2	Blue
P-15324976/100	P-15324976-BULK	10,000	Seal	1.6 – 2.15	5.2	White
P-15324973/100	P-15324973-BULK	10,000	Seal	2.03 – 2.85	5.2	Red
P-12059168/100	P-12059168-BULK	7500	Cavity Plug	–	5.2	Burgundy

Environmentally Sealed

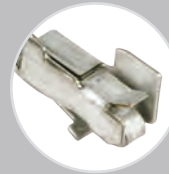
Contact & Housing Keying

150.2 Series Connectors feature contact and connector keying making it impossible to mate with a non-corresponding contact or connector.



P-12162197

Housing colour indicates the housing keying



Contact keying

P-12124075

Only contacts with a keying tab on the matching side will fit into the 150.2 Series Connectors



P-12162193



P-12162197



P-12162182



P-12162279



P-12162833



P-12162188



P-12162190



P-12162826

Metri-Pack – 150.2 Series – Connectors – Pull-to-Seat

Part No.	Pack Qty – 10	Type	Cavities	Contacts (1.5mm)	Cable O.D. Range (mm)	Body	Colour Connector Seal	Cable Seal
P-12162193	P-12162193/10	Plug	2	Receptacles	2.0 – 2.66	Black	Blue	Green
P-12162197	P-12162197/10	Plug	2	Receptacles	2.0 – 2.66	Grey	Blue	Green
P-12162182	P-12162182/10	Plug	3	Receptacles	2.0 – 2.66	Black	Green	Green
P-12162279	P-12162279/10	Plug	3	Receptacles	1.65 – 2.15	Grey	Green	Green
P-12162833	P-12162833/10	Plug	4	Receptacles	2.0 – 2.66	Grey	Blue	Green
P-12162188	P-12162188/10	Plug	4	Receptacles	2.0 – 2.66	Black	Blue	Green
P-12162190	P-12162190/10	Plug	4	Receptacles	1.47 – 1.85	Black	Blue	Orange
P-12162826	P-12162826/10	Plug	5	Receptacles	1.65 – 2.15	Black	Green	Tan

For tools refer to page 30–31

Contact keying



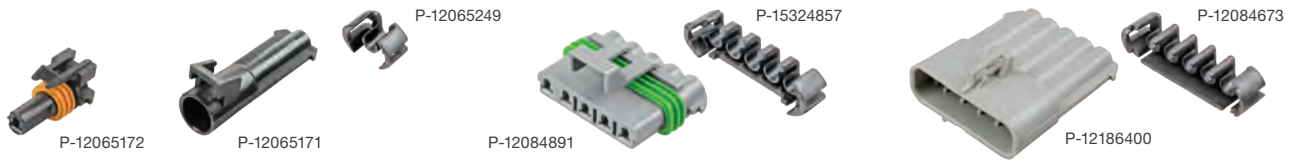
P-12124075

Metri-Pack – 150.2 Series – Contacts – Pull-to-Seat

Pack Qty – 100	Pack Qty – 3500 (Reel)	Type (1.5mm)	Wire Size (mm ²)	Cable O.D. Range (mm)	Keying
P-12124075/100	P-12124075-BULK	Receptacle	0.8 – 1.0	2.03 – 2.40	Yes



Environmentally Sealed



Metri-Pack – 280 Series – Connectors

Pack Qty – 10	Type	Cavities	Contacts (2.8mm)	Colour		Retainer	Pack Qty
				Body	Seal		
P-12065172/10	Plug	1	Receptacles	Black	Tan	P-12065249/10	10
P-12065171/10	Receptacle	1	Tabs	Black	NA	P-12065249/10	10
P-15300027/10	Plug	2	Receptacles	Black	Green	P-15300014/10	10
P-15300002/10	Receptacle	2	Tabs	Black	NA	P-15300014/10	10
P-12040977/10	Plug	3	Receptacles	Black	Tan12	P-12034145/10	10
P-15300003/10	Receptacle	3	Tabs	Black	NA	P-15300015/10	10
P-12129565/10	Plug	4	Receptacles	Grey	Green	P-15300016/10	10
P-12129600/10	Receptacle	4	Tabs	Grey	NA	P-15324063/10	10
P-12084891/10	Plug	5	Receptacles	Grey	Green	P-15324857/10	10
P-12186400/10	Receptacle	5	Tabs	Grey	NA	P-12084673/10	10



P-12077411



P-12129497

For tools refer to page 30–31

Metri-Pack – 280 Series – Contacts

Pack Qty – 100	Pack Qty – Reel	Reel Qty	Type (2.8mm)	Wire Size (mm ²)	Cable O.D. Range (mm)	Description
P-12077411/100	P-12077411-BULK	2300	Receptacle	0.5 – 1.25	2.03 – 3.12	
P-12048159/100	P-12048159-BULK	2200	Tab	0.5 – 0.8	2.03 – 3.12	
P-12129493/100	P-12129493-BULK	2300	Receptacle	2.0 – 3.0	2.45 – 3.80	
P-12129497/100	P-12129497-BULK	2000	Tab	2.0 – 3.0	2.45 – 3.80	
P-12077413/100	P-12077413-BULK	2000	Receptacle	3.0	3.49 – 3.65	
P-12048254/100	P-12048254-BULK	2000	Tab	3.0	3.49 – 3.65	
P-12129409/100	P-12129409-BULK	2000	Receptacle	1.0 – 2.0	2.48 – 3.05	Tangless



P-15324981



P-15324980



P-15324982



P-15324983



P-12010300

Metri-Pack – 280 Series – Seals & Cavity Plug

Pack Qty – 100	Pack Qty – Bulk	Bulk Qty	Description	Cable O.D. Range (mm)	Connector Cavity Ø (mm)	Colour
P-15324981/100	P-15324981-BULK	7000	Seal	4.30 – 3.45	6.7	Blue
P-15324980/100	P-15324980-BULK	7000	Seal	3.49 – 2.81	6.7	Grey
P-15324982/100	P-15324982-BULK	5000	Seal	2.85 – 2.03	6.7	Green
P-15324983/100	P-15324983-BULK	5000	Seal	1.70 – 1.29	6.7	Burgundy
P-12010300/100	P-12010300-BULK	3500	Cavity Plug	—	6.7	Green

Environmentally Sealed



Metri-Pack – 630 Series – Relay Base

Part No.	Pack Qty – 10	Pack Qty – 400	Description	Contact Type	Cavities	Contacts (6.3mm)
P-12065685	P-12065685/10	P-12065685-BULK	Weatherproof Mini Relay Base	Pull-to-Seat	5	Sockets



P-12066614



P-12033997



P-12015870



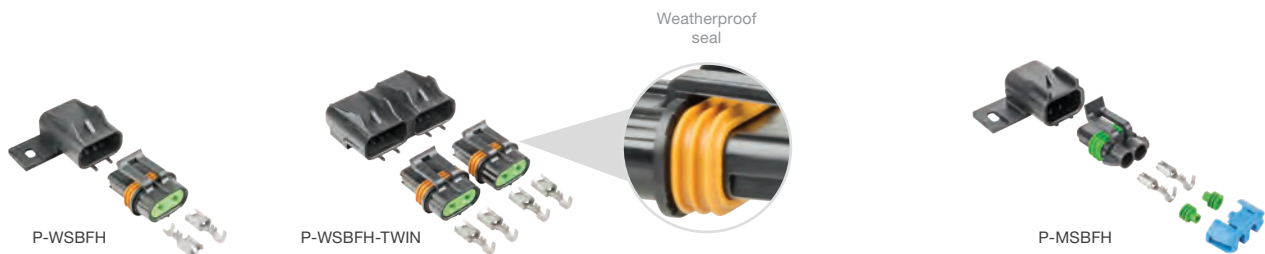
P-12015865

Metri-Pack – 630 Series – Contacts

Part No.	Pack Qty	Pack Qty – Reel	Reel Qty	Type (6.3mm)	Wire Size (mm ²)	Cable O.D. Range (mm)	Description
P-12066614/100	100	P-12066614-BULK	2000	Receptacle	1.0 – 2.0	3.14 – 3.97	Pull-to-Seat
P-12033997/100	100	P-12033997-BULK	1800	Receptacle	3.0	2.94 – 3.68	Pull-to-Seat
P-12015870/100*	100	P-12015870-BULK*	2100	Receptacle	1.0 – 2.0	2.48 – 3.97	Push-to-Seat
P-12015865/10*	10	–	–	Receptacle	1.0 – 2.0	2.48 – 3.97	Push-to-Seat

* Not for use with contact seals.

For tools refer to page 30–31



Metri-Pack – Blade Fuse Holders – Weatherproof Kits

Part No.	Housing Type	Fuse Type	Current Rating (A)	Kit Contents
P-WSBFH/5	Mountable	ATC	30	5 x Housing (12033731), 5 x Fuse Holder (12033769), 10 x Contacts (12066614)
P-WSBFH-TWIN	Double	ATC	30	1 x Double Housing (12059426), 2 x Fuse Holder (12033769), 4 x Contacts (12066614)
P-MSBFH/5	Mountable	ATM	20	5 x Housing (15300027C), 5 x Fuse Holder (15300027), 10 x Contacts (12129493), 10 x Seals (15324982), 5 x Retainers (15300014)



Environmentally Sealed



5 Piece Crimp Tool Set for Packard™ Contacts

Tool Set contains tools suitable for:

- AMP Superseals.
- Weather-Pack.
- Metri-Pack 150, 280, 480 & 630 series.
- Micro-Pack 064, 100 & 100W series.
- GT 150, 280, 630 series.
- And other brands including Molex, Yazaki, Sumitomo etc.

All housed in a handy storage tray.

Also included in the kit is a 32 page instruction manual detailing tool specifications as well as an OEM contact number/tool number matrix.

All tools in kit are premium quality – made in the USA.

USA

Tools – IONNIC Crimper Set

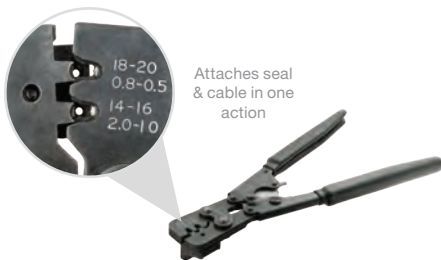
Part No.

Description

HT-K2680

5 Piece crimping tool set for wide range of contacts, includes instruction manual

Suits AMP Superseals, Weather-Pack and Metri-Pack contacts among others. For full list see above

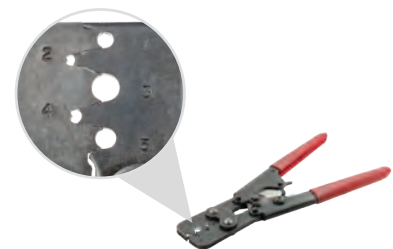


Attaches seal & cable in one action

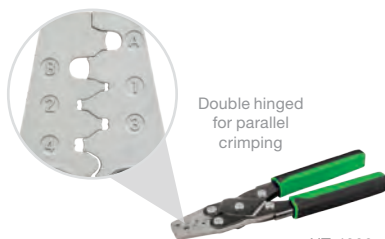
P-12014254



P-12071687

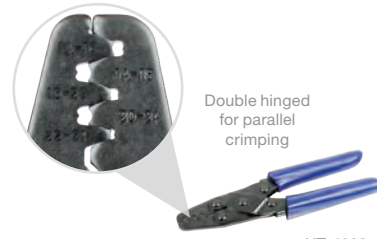


P-12085270



Double hinged for parallel crimping

HT-4300



Double hinged for parallel crimping

HT-4220

Tools – Crimpers

Part No.

Description

Suits

Contact Crimp Range (mm²)

P-12014254

Ratcheting. Attaches seal & cable in one action

Weather-Pack

0.5–0.8, 1.0–2.0

P-12071687

480 & 630 Series

Weather-Pack & Metri-Pack

3.0–5.0

P-12085270

Ratcheting

Weather-Pack & Metri-Pack

0.5–0.8, 1.0–2.0

HT-4300

Parallel jaws

Weather-Pack & Metri-Pack 150 & 280 Series

0.35, 0.5–0.8, 1.0–2.0, 3.0

HT-4220

Parallel jaws

Non-insulated contacts

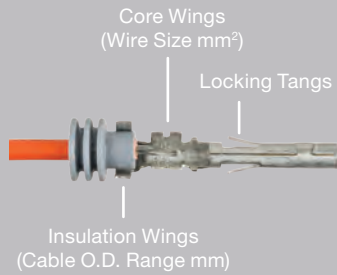
0.2–0.3, 0.3–0.5, 0.5–0.8, 0.8–1.3, 1.3–2.0

Environmentally Sealed

How to Crimp



Apply correct seal as per wire diameter.
Align seal with cable insulation.



Position cable and seal so exposed wires are between the core wings, as shown above.



Crimp the core wings before insulation wings using the appropriate crimp tool.



P-12094429



P-12094430

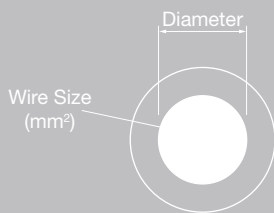


P-12014012

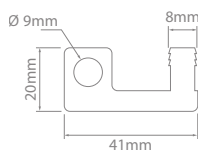
Tools – Contact Removal

Part No.	Suits
P-12094429	Metri-Pack GT150, GT280, 150, 280, 630 Pull-to-Seat
P-12094430	Metri-Pack 280, 480, 630, 800 Series Pin Tangless
P-12014012	Weather-Pack

AWG to mm²



American Wire Gauge (AWG)	Diameter (mm)	Wire Size (mm ²)	American Wire Gauge (AWG)	Diameter (mm)	Wire Size (mm ²)
4	5.19	21.14	16	1.29	1.31
6	4.11	13.29	18	1.02	0.82
8	3.26	8.36	20	0.81	0.52
10	2.59	5.26	22	0.65	0.33
12	2.05	3.31	24	0.51	0.20
14	1.63	2.08			



Accessories

Pack Qty – 10	Description	Suits
P-15495824/10	Receptacle mount	Most Weather-Pack and Metri-Pack 150 Series



Environmentally Sealed

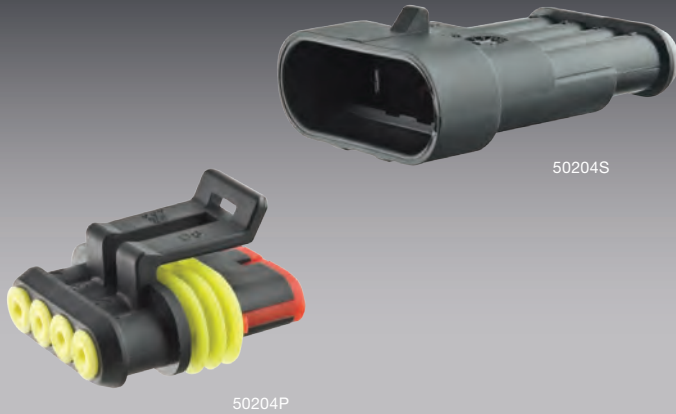




ionnic | 

Environmentally Sealed

Superseal

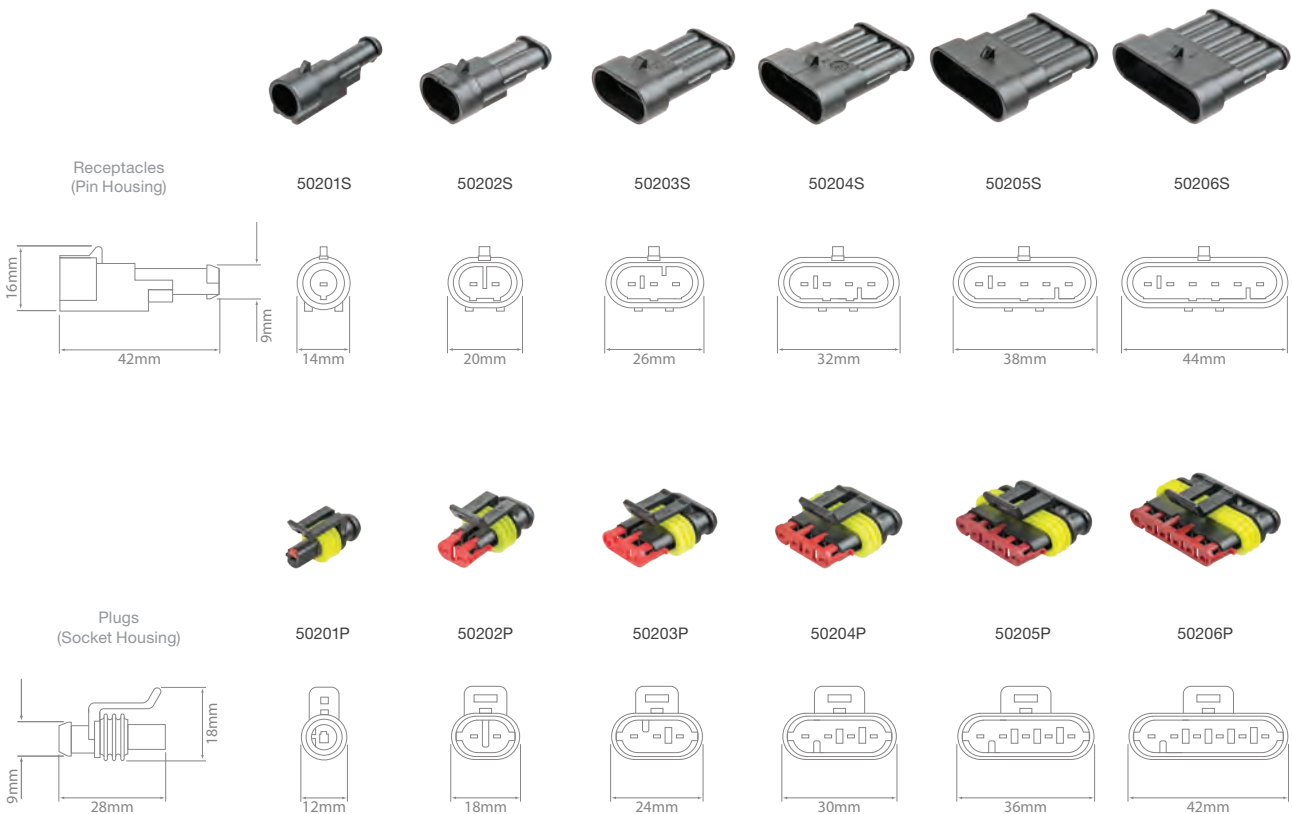


- Compact design.
- Secondary lock ensures contact retention.
- Environmentally sealed – IP67, when installed to manufacturer's specifications.
- Ideal for truck, bus, marine, agriculture and off-road vehicles.
- Available as receptacle or plug half kits.

IP67

Contact Rating :
 Contacts :
 Seal :
 Housing :
 Ingress Protection :

14A
 Tin-plated Copper
 Silicone Rubber
 Polyamide
 IP67



Superseal – Connectors

	1 Cavity	2 Cavity	3 Cavity	4 Cavity	5 Cavity	6 Cavity
Receptacles	50201S/10	50202S/10	50203S/10	50204S/10	50205S/10	50206S/10
Plugs	50201P/10	50202P/10	50203P/10	50204P/10	50205P/10	50206P/10

Supplied in packs of 10.

Environmentally Sealed



50125



50134

Superseal – Half Kits

1 Circuit – Receptacles

50123

1 x 1 Circuit Receptacle (50201S)
1 x Pin (5021TP)
1 x Seal (5021SY)

2 Circuit – Receptacles

50125

1 x 2 Circuit Receptacle (50202S)
2 x Pins (5021TP)
2 x Seals (5021SY)

3 Circuit – Receptacles

50127

1 x 3 Circuit Receptacle (50203S)
3 x Pins (5021TP)
3 x Seals (5021SY)

4 Circuit – Receptacles

50129

1 x 4 Circuit Receptacle (50204S)
4 x Pins (5021TP)
4 x Seals (5021SY)

5 Circuit – Receptacles

50131

1 x 5 Circuit Receptacle (50205S)
5 x Pins (5021TP)
5 x Seals (5021SY)

6 Circuit – Receptacles

50133

1 x 6 Circuit Receptacle (50206S)
6 x Pins (5021TP)
6 x Seals (5021SY)

1 Circuit – Plugs

50124

1 x 1 Circuit Plug (50201P)
1 x Socket (5021TS)
1 x Seal (5021SY)

2 Circuit – Plugs

50126

1 x 2 Circuit Plug (50202P)
2 x Sockets (5021TS)
2 x Seals (5021SY)

3 Circuit – Plugs

50128

1 x 3 Circuit Plug (50203P)
3 x Sockets (5021TS)
3 x Seals (5021SY)

4 Circuit – Plugs

50130

1 x 4 Circuit Plug (50204P)
4 x Sockets (5021TS)
4 x Seals (5021SY)

5 Circuit – Plugs

50132

1 x 5 Circuit Plug (50205P)
5 x Sockets (5021TS)
5 x Seals (5021SY)

6 Circuit – Plugs

50134

1 x 6 Circuit Plug (50206P)
6 x Sockets (5021TS)
6 x Seals (5021SY)



Superseal – Assortment Kit

Part No.	Description	Kit Contents
AMPKIT-1	370 Piece	<p>Receptacles:</p> <ul style="list-style-type: none"> 5 x 1 Circuit (50201S) 5 x 2 Circuit (50202S) 5 x 3 Circuit (50203S) 5 x 4 Circuit (50204S) 5 x 5 Circuit (50205S) 5 x 6 Circuit (50206S) <p>Plugs:</p> <ul style="list-style-type: none"> 5 x 1 Circuit (50201P) 5 x 2 Circuit (50202P) 5 x 3 Circuit (50203P) 5 x 4 Circuit (50204P) 5 x 5 Circuit (50205P) 5 x 6 Circuit (50206P) <p>Contacts & Seals:</p> <ul style="list-style-type: none"> 100 x Sockets (5021TS) 100 x Pins (5021TP) 10 x Seals – Red (5021SR) 100 x Seals – Yellow (5021SY)



Environmentally Sealed



5021TP



5021TS

Superseal – Contacts

Pack Qty – 100	Type	Wire Size (mm ²)	Cable O.D. Range (mm)
5021TP/100	Pin	0.75 – 1.5	1.7 – 2.4
5021TS/100	Socket	0.75 – 1.5	1.7 – 2.4



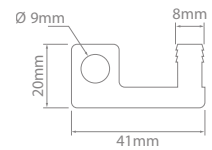
5021SY



5021SR

Superseal – Seal & Cavity Plug

Pack Qty – 100	Pack Qty – 10	Description	Cable O.D. Range (mm)	Connector Cavity Ø (mm)	Colour
5021SY/100	–	Seal	1.7 – 2.4	5.7	Yellow
5021SR/100	5021SR/10	Cavity Plug	–	5.7	Red



Superseal – Tool & Accessory

Part No.	Description	Contact Crimp Range (mm ²)
HT-4301	Parallel jaw	0.35–0.5, 0.75, 1.0, 1.5
P-15495824/10	Receptacle mount. Pack quantity 10	

Environmentally Sealed

- High performance and reliability.
- Excellent resistance to temperature, chemicals and abrasion.
- High vibration protection.
- 32 circuit connector suits three sizes of contacts – 1.2, 2.8, and 5.8mm.
- Compact design.
- Specifically designed for electrical and electronic applications for passenger cars and commercial vehicles.

NEW



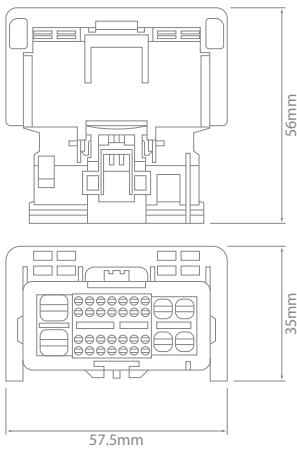
1-2236046-0



1-1670916-1

TE MCON

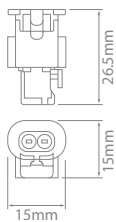
Contacts : Tin-plated Copper
 Housing : Polyamide
 Approvals : RoHS
 Operating Temperature : -40°C to 130°C



1418762-1

TE MCON – 32 Circuit **NEW**

Part No.	Description	Contacts (mm)	Wire Size (mm ²)	Cable O.D. Range (mm)	Current Rating (A)
1-2236046-0	32 circuit receptacle	1.2, 2.8, 5.8	—	—	—
1418762-1	1.2mm pin		1.0 – 1.5	1.9 – 2.4	17



1670916-KIT

TE MCON – 2 Circuit Kit **NEW**

Part No.	Description	Kit Contents
1670916-KIT	2 circuit receptacle kit 1.2mm contacts	1 x 2 Circuit MCON Receptacle (1-1670916-1) 2 x Sockets (7-1452671-1) 2 x Seals (964972-1)



Environmentally Sealed



Seals & Cavity Plugs – Generic

Pack Qty – 100	Description	Connector Cavity Ø (mm)	Cable O.D. Range (mm)	Colour
WS1009/100	Seal	5.2	1.2 – 1.7	Blue
WS1006/100	Seal	5.2	1.6 – 2.5	White
WS1007/100	Seal	5.2	2.2 – 2.85	Red
WS1001/100	Seal	8.5	0.9 – 1.5	Orange
WS1002/100	Seal	8.5	1.7 – 2.3	Blue
WS1003/100	Seal	8.5	2.3 – 2.9	Red
WS1005/100	Seal	8.5	3.0 – 3.9	Green
WS1014/100	Seal	6.7	1.29 – 1.7	Red
WS1013/100	Seal	6.7	2.03 – 2.85	Green
WS1011/100	Seal	6.7	2.1 – 3.49	Grey
WS1012/100	Seal	6.7	3.45 – 4.3	Blue
WS1008/100	Cavity Plug	5.2	–	Red
WS1010/100	Cavity Plug	7.2	–	Green
WS1004/100	Cavity Plug	8.5	–	Black

Environmentally Sealed



Contact Removal Tool Set

Part No. Description
HT-4306 23 Piece Set

Tool Number	Type	Size		Application
1	Tube	4.3mm Inside Ø		BMW, Mercedes, Opel, VW/Audi
2	Tube	3.7mm Inside Ø		BMW, Jaguar, Mercedes, Porsche, Saab, Seat, Skoda
3	Tube	2.6mm Inside Ø		BMW, Mercedes, Opel, Porsche, VW/Audi
4	Flat Blade – Twin	1.6mm x 15mm		Ford
5	Flat Blade – Twin	1.55mm x 20mm		BMW, Ford, Mercedes, Opel, Porsche, Seat, Skoda, VW/Audi
6	Flat Blade – Twin	1.55mm x 17mm		BMW, Ford, Jaguar, Mercedes, Opel, Porsche, Saab, Seat, Skoda, VW/Audi
7	Flat Blade – Twin with Angled Tips	1.6mm x 20mm		Mercedes
8	Flat Blade	1.8mm x 18mm		Ford, Jaguar, Mercedes, Opel, Porsche, VW/Audi
9	Square Blade	1mm x 18mm		Ford, Mercedes
10	Flat Blade	1.15mm x 18mm		Mercedes
11	Flat Blade – Twin	1.6mm 65mm		BMW, Ford, Jaguar, Mercedes, Opel, Porsche, Saab, Seat, Skoda, VW/Audi
12	Flat Blade – Twin with Angled Tips	1.65mm x 23mm		Opel, Renault, Skoda, VW/Audi
13	Flat Blade	3mm x 18.5		Ford, Mercedes
14	Flat Blade – with Notch	1mm x 18mm		Ford, Jaguar, Porsche
15	Flat Blade – with U-Notch	1mm x 24mm		BMW, Ford, Mercedes, Opel, Seat, Skoda, VW/Audi
16	Flat Blade	1.8mm x 18mm		BMW, Ford, Jaguar, Mercedes, Opel, Porsche, VW/Audi
17	Flat Blade – Twin	1.6mm x 25mm		BMW
18	Flat Blade – Triple	1mm x 9mm		Mercedes
19	Pin Blade	0.9mm x 19mm		Citroen, Chrysler, Fiat, Ford, Honda, Mazda, Mercedes, Mitsubishi, Opel, Porsche, Renault, Seat, Toyota, VW/Audi
20	Flat Blade – Twin	1.6mm x 20mm		Ford
21	Flat Blade – Twin	0.9mm x 15mm		BMW, Ford, Jaguar, Mercedes, Opel, Porsche, Saab, Seat, Skoda, VW/Audi
22	Pick Blade	1mm x 19mm		Honda, Opel, Toyota, VW/Audi
23	Flat Blade – Twin	0.9mm x 13mm		Opel, VW/Audi



Environmentally Sealed

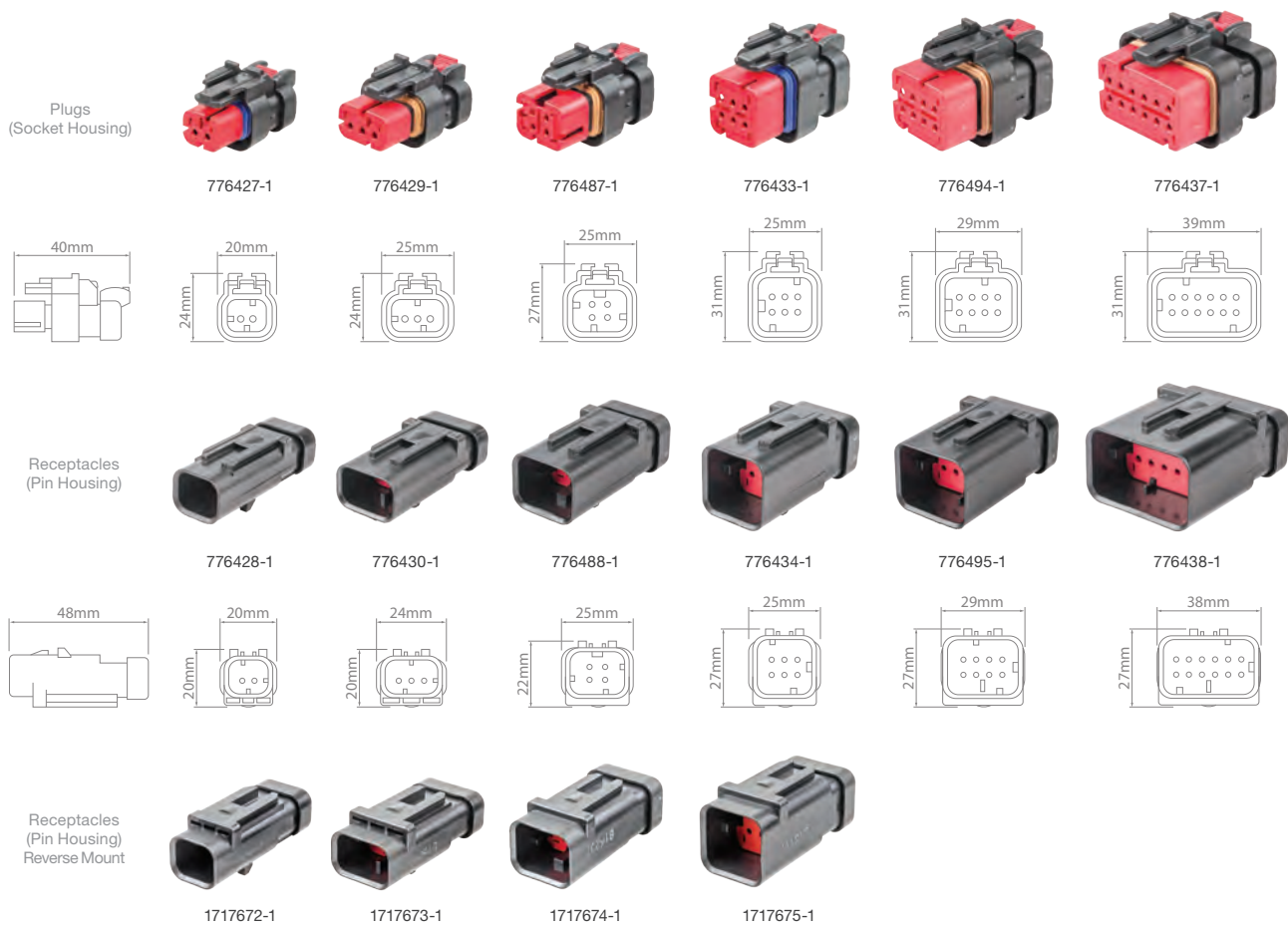
TE AMPSEAL 16



IP67 Made in North America

- 2 to 12 circuit configurations.
- Keyed to prevent mismatching.
- Integral retainer protects against accidental unlocking.
- Environmentally sealed – IP67, when installed to manufacturer's specifications.
- Chemical resistant.
- Available in assortment kits.
- Made in North America.

Housing : Thermoplastic
 Seals : Silicone Rubber
 Contact Size : 16
 Contact Rating : 13A @ 125°C
 Contact Material : Nickel-plated Copper Alloy
 Ingress Protection : IP67
 Operating Temperature : -40°C to 125°C



TE AMPSEAL 16 – Connectors

	2 Cavity	3 Cavity	4 Cavity	6 Cavity	8 Cavity	12 Cavity
Plugs	776427-1	776429-1	776487-1	776433-1	776494-1	776437-1
Receptacles	776428-1	776430-1	776488-1	776434-1	776495-1	776438-1
Receptacles – Reverse Mount	1717672-1	1717673-1	1717674-1	1717675-1	–	–



Environmentally Sealed



0460-215-16141



0462-209-16141



0460-202-16141



0462-201-16141



1060-16-0122L



1062-16-0122L



114017

TE AMPSEAL 16 – Contacts & Cavity Plug

Part No.	Pack Qty – 20	Pack Qty – 25	Pack Qty – 100	Type (Size 16)	Suits	Wire Size (mm ²)
0460-215-16141	—	•	•	Pin – Solid – Green Band	Receptacles	1.0 – 2.0
0462-209-16141	—	•	•	Socket – Solid – Green Band	Plugs	1.0 – 2.0
0460-202-16141	—	•	•	Pin – Solid	Receptacles	0.5 – 1.0
0462-201-16141	—	•	•	Socket – Solid	Plugs	0.5 – 1.0
1060-16-0122L	—	—	•	Pin – F-Crimp	Receptacles	0.8 – 2.0
1062-16-0122L	—	—	•	Socket – F-Crimp	Plugs	0.8 – 2.0
114017	•	—	•	Cavity Plug	Receptacles & Plugs	



DET16



HDT-48-00



TE AMPSEAL 16 – Tools

Part No.	Contact Type	Description	Crimp Range (AWG)
DET16	Solid	Ratcheting. 4 indent crimper	16
HDT-48-00*	Solid	Ratcheting. 4 indent crimper	20, 16, 12

* HDT-48-00 has a 90 day warranty.



AMPSEAL16-KIT



Includes Crimp Tool

AMPSEAL16-KIT-1

TE AMPSEAL 16 – Assortment Kits

Part No.	Description	Kit Contents
AMPSEAL16-KIT	110 Piece Solid contacts	Receptacles: 2 x 776428-1 2 x 776430-1 2 x 776488-1 2 x 776434-1 1 x 776495-1 1 x 776438-1 Plugs: 2 x 776427-1 2 x 776429-1 2 x 776487-1 2 x 776433-1 1 x 776494-1 1 x 776437-1 Contacts & Cavity Plugs: 10 x Cavity Plugs (114017) 40 x Solid Pin – Green Band (0460-215-16141) 40 x Solid Socket – Green Band (0462-209-16141)
AMPSEAL16-KIT-1	111 Piece Solid contacts Crimping tool	Receptacles: 2 x 776428-1 2 x 776430-1 2 x 776488-1 2 x 776434-1 1 x 776495-1 1 x 776438-1 Plugs: 2 x 776427-1 2 x 776429-1 2 x 776487-1 2 x 776433-1 1 x 776494-1 1 x 776437-1 Contacts & Cavity Plugs: 10 x Cavity Plugs (114017) 40 x Solid Pin – Green Band (0460-215-16141) 40 x Solid Socket – Green Band (0462-209-16141) 1 x Crimp Tool (DET16)



Environmentally Sealed

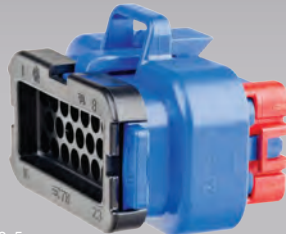
TE AMPSEAL



776164-1



776273-1



770680-5

- Wire to device connectors.
- Designed to withstand high-temperature environments.
- Accepts contact size 1.3 mm (up to 17A gold, up to 8A tin).
- 20-16 AWG (0.50-1.25 mm²).
- 8, 14, 23 and 35 cavity arrangements.
- Rectangular, thermoplastic housing.
- Integrated latch for mating.
- Integrated wedgelock confirms contact alignment and retention.
- Keyed according to colour to prevent mismatching.
- Environmentally sealed – IP6K9K, when installed to manufacturer's specifications.
- Made in North America.

Housing :	Thermoplastic
Seal :	Silicone Rubber
Wedgelock :	Thermoplastic
Contact Size :	1.3mm
Voltage :	250VAC
Contact Rating :	17A (gold), 8A (tin)
Shock :	50G
Insulation Resistance :	10 megohms
Ingress Protection :	IP6K9K
Operating Temperature :	-40°C to 105°C



Made in North America



776286-1



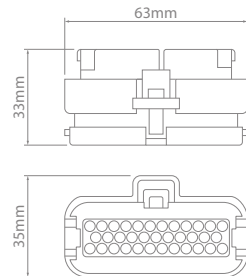
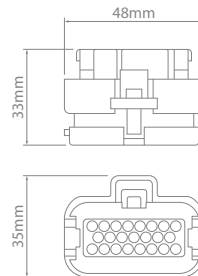
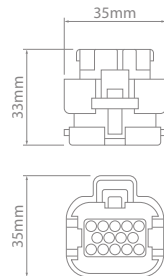
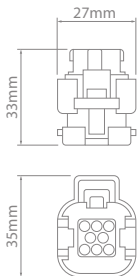
776273-5



770680-4



776164-2

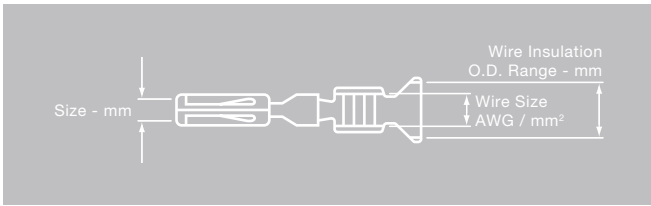


TE AMPSEAL – Connectors

	8 Cavity		14 Cavity		23 Cavity		35 Cavity	
Colour	Black	Black	Black	Blue	Black	Blue	Grey	Black Natural
Part No.	776286-1	776273-1	776273-5		770680-1	770680-5	770680-4	776164-1 776164-2



Environmentally Sealed



770854-1



770854-3

TE AMPSEAL – Contacts

Pack Qty - 25	Plating	Size (mm)	Wire Size		Wire Insulation O.D. Range (mm)	Current Rating (A)
			AWG	mm ²		
770854-1/25	Tin	1.3	20 – 16	0.5 – 1.5	1.7 – 2.7	8
770854-3/25	Gold	1.3	20 – 16	0.5 – 1.5	1.7 – 2.7	17



TE AMPSEAL – Cavity Plug

Pack Qty - 10	Material
770678-1/10	Nylon



D7000

D7000 6 Removable Dies

Die 1 14, 12AWG	Die 2 12, 10AWG
Die 3 18, 16, 14AWG	Die 4 20, 18, 16AWG
Die 5 20, 18-16AWG	Die 6 16, 14, 12AWG

TE AMPSEAL – Crimping Tools

Part No.	Description	Crimp Range (AWG)
D7000	Ratcheting crimp tool set with 6 removable dies. 1 indent crimper "U" crimp	



Environmentally Sealed

M12 Network



- Wide range of M12 Network components.
- Environmentally sealed – IP67 or higher, when installed to manufacturer's specifications.
- Field Service Connectors feature built-in cable gland for strain relief and environmental sealing.
- Made in Europe.

IP67 Made in Europe

Current Rating :
Operating Temperature :
Ingress Protection :

4A
-40°C to 75°C
IP67



M12 Network – 5 Pin

Part No.	Description	Gender	Housing
RSC-2RKC57	T Piece	Male, Female, Female	Polyurethane
RSC-RSC-57	Joiner	Male to Male	Polyurethane
RKE57-TR2	Terminating Resistor	Female	Polyurethane
RSE57-TR2	Terminating Resistor	Male	Polyurethane
FK-FS4.5/M12	Bulkhead Connector	Male to Female	Metal
M12F5-ACODE	Field Service Connector	Female	Polyurethane
M12M5-ACODE	Field Service Connector	Male	Polyurethane
RSC-RKC5723-0.2M	Cable – 200mm	Male to Female	PVC
RSC-RKC5723-1M	Cable – 1m	Male to Female	PVC
RSC-RKC5723-2M	Cable – 2m	Male to Female	PVC
RSC-RKC5723-5M	Cable – 5m	Male to Female	PVC
RSC-RKC5723-10M	Cable – 10m	Male to Female	PVC
RKT5-228-2M	Cable – 2m	Female to tail	Polyurethane
RKT5-228-5M	Cable – 5m	Female to tail	Polyurethane
RKT5-228-10M	Cable – 10m	Female to tail	Polyurethane

Environmentally Sealed

- HP001 features diagnostic LED and transparent housing.
- Environmentally sealed – IP65, when installed to manufacturer's specifications.
- Built-in cable gland for strain relief and environmental sealing.
- Made in North America.



HP003

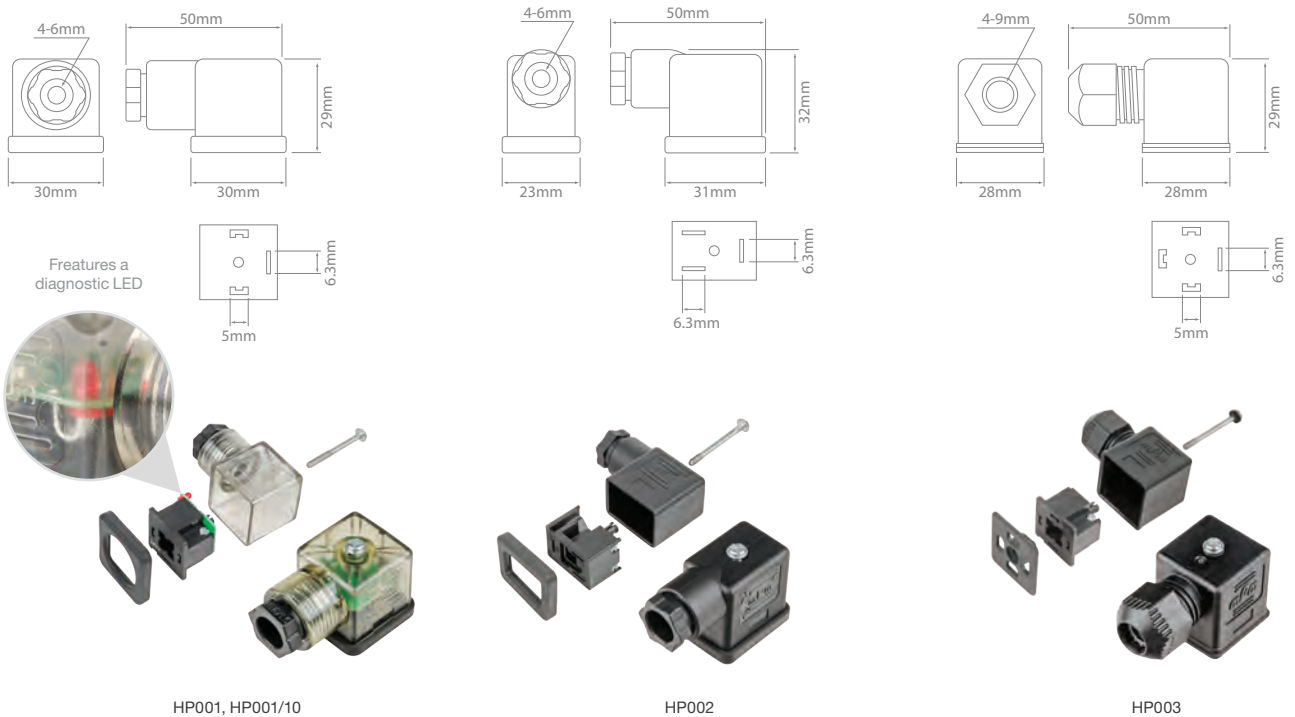


HP001

Voltage : 12–24V
 Current Rating : 16A
 Contacts : Silver-plated Brass
 Operating Temperature : -40°C to 90°C
 Ingress Protection : HP003 -25°C to 75°C
 IP65

Made in North America

IP65



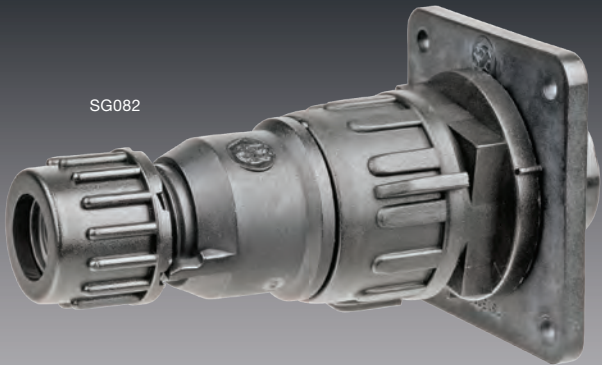
DIN Connectors

Part No.	Pack Qty	Terminals	Housing	Thread	Description
HP001	1	3	Polypropylene	PG07	Features a diagnostic LED
HP001/10	10				
HP002	1	3	Polypropylene	PG07	
HP003	1	4	Polyamide	PG11	



Environmentally Sealed

Schlemmer – Conduit Sealed



SG082



SG24902

Made in Europe

- Conduit Sealed connectors avoid ingress by sealing to the conduit.
- Environmentally sealed – IP67, when installed to manufacturer's specifications.
- Straight and 90° connectors available.
- Made in Europe.

Housing :
Seal :
Contacts :

Polyamide 6
Neoprene
Nickel-plated Brass

SG05
Cavity Configuration
5 x Ø 1.6mm Contacts



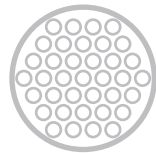
SG16
Cavity Configuration
12 x Ø 1.6mm Contacts
4 x Ø 3.5mm Contacts



SG21
Cavity Configuration
14 x Ø 1.6mm Contacts
7 x Ø 3.5mm Contacts



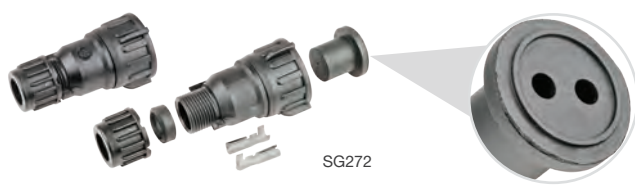
SG37
Cavity Configuration
37 x Ø 1.6mm Contacts



Schlemmer – In-line Connector Kits

Part No.	Conduit O.D. (mm)	Cavity Configuration	Total Circuits	Supplied With
SG05	12	5 x Ø 1.6mm	5	5 x 1.6mm Pins (7815018), 5 x 1.6mm Sockets (7814011)
SG16	25	12 x Ø 1.6mm & 4 x Ø 3.5mm	16	12 x 1.6mm Pins (7815018), 12 x 1.6mm Sockets (7814011), 4 x 3.5mm Pins (7815034), 4 x 3.5mm Sockets (7814038)
SG21	25	14 x Ø 1.6mm & 7 x Ø 3.5mm	21	14 x 1.6mm Pins (7815018), 14 x 1.6mm Sockets (7814011), 7 x 3.5mm Pins (7815034), 7 x 3.5mm Sockets (7814038)
SG37	25	37 x Ø 1.6mm	37	37 x 1.6mm Pins (7815018), 37 x 1.6mm Sockets (7814011)

Environmentally Sealed



SG272

Cavity Configuration



2 x Ø4mm Contacts



SG27902

Schlemmer – Solenoid Connector Kits – 2 Circuit

Part No.	Conduit O.D. (mm)	Cavity Configuration	Total Circuits	Thread Size	Orientation	Supplied With
SG272	8	2 x Ø4mm	2	M27 x 1.0	Straight	2 x 4mm Sockets (7702973)
SG24902	12	2 x Ø4mm	2	M24 x 1.0	90°	2 x 4mm Sockets (7702973)
SG27902	12	2 x Ø4mm	2	M27 x 1.0	90°	2 x 4mm Sockets (7702973)

Cavity Configuration

8 x Ø1.6mm Contacts



SG081



SG082

Cavity Configuration



7 x Ø1.6mm Contacts
1 x Ø3.5mm Contact

SG082

Schlemmer – Bulkhead Connector Kits – 8 Circuit

Part No.	Conduit O.D. (mm)	Cavity Configuration	Total Circuits	Supplied With
SG081	12	8 x Ø1.6mm	8	8 x 1.6mm Pins (7815018)
SG082	12	7 x Ø1.6mm & 1 x Ø3.5mm	8	7 x 1.6mm Pins (7815018), 7 x 1.6mm Sockets (7814011), 1 x 3.5mm Pin (7815034), 1 x 3.5mm Socket (7814038)



7702973



7814038



7814011



7815034



7702949



7815018

Schlemmer – Conduit Sealed Connectors – Contacts

Pack Qty – 10	Type	Contact Ø (mm)	Current Rating (A)	Cable Range (mm²)	Suits
7702973/10	Socket	4	25	2.5 – 6.0	SG272, SG24902, SG27902
7814038/10	Socket	3.5	25	2.5 – 6.0	SG16, SG21, SG082,
7814011/10	Socket	1.6	13	1.0 – 1.5	SG05, SG16, SG21, SG37, SG082
7815034/10	Pin	3.5	25	2.5 – 6.0	SG16, SG21
7702949/10	Pin	3.5	25	1.0 – 2.5	SG16, SG21
7815018/10	Pin	1.6	13	1.0 – 1.5	SG05, SG16, SG21, SG37, SG081, SG082

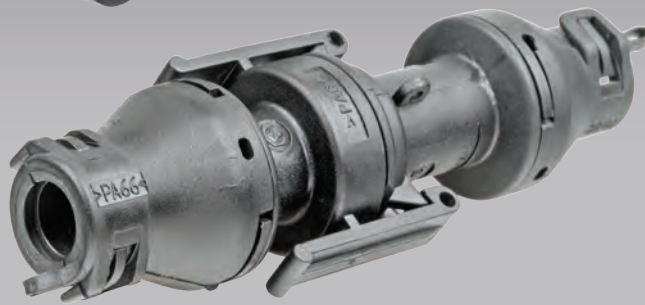


Environmentally Sealed

Schlemmer – Contact Sealed



SQ409



SQ510

- Contact Sealed connectors utilise seals attached to the back of each contact to avoid ingress.
- Environmentally sealed – IP67, when installed to manufacturer's specifications.
- Straight and 90° connectors available.
- Made in Europe.

Made in Europe

Housing :
Seal :
Contacts :

Polyamide 6
Neoprene
Nickel-plated Brass

Cavity Configuration

SQ402



4 x Ø 6.7mm Cavities



SQ402

Cavity Configuration

SQ401, SQ409



4 x Ø 6.7mm Cavities



SQ401



SQ409

Schlemmer – Contact Sealed Kits – 4 Circuit

Part No.	Conduit O.D. (mm)	Total Circuits	Cavity Configuration	Orientation	Supplied With
SQ402	10	4	4 x Ø 6.7mm	Straight	5 x 6.7mm Pins, 5 x 6.7mm Seal (P-15324983), 2 x 6.7mm Cavity Plugs (P-15324983)
SQ401	10	4	4 x Ø 6.7mm	Straight	4 x 6.7mm Sockets (7814125), 4 x 6.7mm Seal (P-15324983), 2 x 6.7mm Cavity Plugs (P-15324983)
SQ409	10	4	4 x Ø 6.7mm	90°	4 x 6.7mm Sockets (7814125), 4 x 6.7mm Seal (P-15324983), 2 x 6.7mm Cavity Plugs (P-12010300)

Environmentally Sealed



SQ512

Cavity Configuration



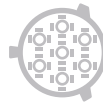
5 x Ø4mm Cavities

SQ510, SQ512

Schlemmer – Contact Sealed Kits – 5 Circuit

Part No.	Conduit O.D. (mm)	Total Circuits	Cavity Configuration	Orientation	Supplied With
SQ510	10	5	5 x Ø4mm	Straight	5 x 4mm Pins (7815045), 5 x 4mm Sockets (7814045), 10 x 4mm Seals (7814138), 4 x 4mm Cavity Plugs (7814135)
SQ512	12	5	5 x Ø4mm	Straight	5 x 4mm Pins (7815045), 5 x 4mm Sockets (7814045), 10 x 4mm Seal (7814138), 4 x 4mm Plugs (7814135)

Cavity Configuration



7 x Ø5.2mm Cavities

SQ701



SQ701



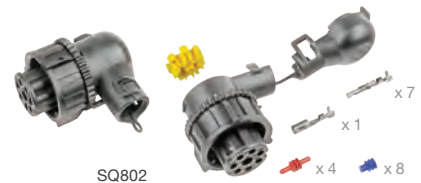
SQ801

Cavity Configuration



7 x Ø4mm Cavities
1 x Ø5.2mm Cavity

SQ801, SQ802



SQ802

Schlemmer – Contact Sealed Kits – 7 & 8 Circuit

Part No.	Conduit O.D. (mm)	Total Circuits	Cavity Configuration	Orientation	Supplied With
SQ701	13	7	7 x Ø5.2mm	90°	8 x 5.2mm Sockets (7814000), 8 x 5.2mm Seals (7814140), 2 x 5.2mm Cavity Plugs (7814136)
SQ801	12	8	7 x Ø4mm 1 x Ø5.2mm	Straight	7 x 4mm Sockets (7814050), 1 x 5.2mm Sockets (7814047), 8 x 5.2mm Seals (7814140), 4 x 5.2mm Cavity Plugs (7814136)
SQ802	12	8	7 x Ø4mm 1 x Ø5.2mm	90°	7 x 4mm Sockets (7814050), 1 x 5.2mm Sockets (7814047), 8 x 5.2mm Seals (7814140), 4 x 5.2mm Cavity Plugs (7814136)



Environmentally Sealed



Schlemmer – Contact Sealed – Contacts

Pack Qty – 10	Type	Contact Ø (mm)	Cable Range (mm ²)	Current Rating (A)	Suits
7814050/10	Socket	4.0	0.5 – 1.0	13	SQ510, SQ512, SQ801, SQ802
7815050/10	Pin	4.0	0.5 – 1.0	13	SQ510, SQ512
7814045/10	Socket	4.0	0.75 – 1.5	13	SQ510, SQ512, SQ801, SQ802
7815045/10	Pin	4.0	0.75 – 1.5	13	SQ510, SQ512
7814051/10	Socket	4.0	1.5 – 2.5	13	SQ510, SQ512, SQ801, SQ802
7814047/10	Socket	5.2	0.5 – 1.0	13	SQ801, SQ802
7814048/10	Socket	5.2	1.5 – 2.5	13	SQ801, SQ802
7815048/10	Pin	5.2	1.5 – 2.5	13	
7814125/10	Socket	6.7	0.5 – 1.0	13	SQ401, SQ409
7814126/10	Socket	6.7	1.5 – 2.5	13	SQ401, SQ409
7814000/10	Socket	–	0.75 – 1.5	13	SQ701



Schlemmer – Contact Sealed Connectors – Seals & Cavity Plugs

Pack Qty – 10	Description	Connector Cavity Ø (mm)	Cable O.D. Range (mm)	Colour	Suits
7814137/10	Seal	4.0	1.2 – 1.9	Red	SQ510, SQ512, SQ801, SQ802
7814138/10	Seal	4.0	1.86 – 2.4	Blue	SQ510, SQ512, SQ801, SQ802
7814140/10	Seal	5.2	1.2 – 2.1	Blue	SQ701, SQ801, SQ802
7814141/10	Seal	5.2	2.0 – 2.85	Burgundy	SQ801, SQ802
7814128/10	Seal	6.7	1.2 – 1.7	Burgundy	SQ401, SQ409
7814129/10	Seal	6.7	2.81 – 3.49	Grey	SQ401, SQ409
7814135/10	Cavity Plug	4.0	–	Green	SQ510, SQ512
7814136/10	Cavity Plug	5.2	–	Burgundy	SQ701, SQ801, SQ802
7814130/10	Cavity Plug	6.7	–	Green	SQ401, SQ409

Environmentally Sealed



7814145



7814147



7814146

Schlemmer – Tools – Crimpers

Part No.	Description	Crimp Range (mm ²)	Connector Cavity Ø (mm)
7814145	Ratcheting. Attaches seal & cable in one action	0.75–1.5	4
7814147	Ratcheting. Attaches seal & cable in one action	0.5–1.0 & 1.5–2.5	5.2
7814146	Ratcheting. Attaches seal & cable in one action	0.5–1.0 & 1.5–2.5	6.7



7704489



7704496



HT-7200

Schlemmer – Tools – Contact Removal

Part No.	Description	Conduit Sealed Contact Ø (mm)	Contact Sealed Connector Cavity Ø (mm)	Barrel Ø (mm)	
				Inside	Outside
7704489	Contact removal tool. Spring loaded	3.5	5.2	4.35	4.95
7704496	Contact removal tool. Spring loaded	1.6	4	3.00	3.23
HT-7200	Contact removal tool. Manual	1.6	4	2.92	3.23



Crimpp



Crimp



Crimp Terminals **54**



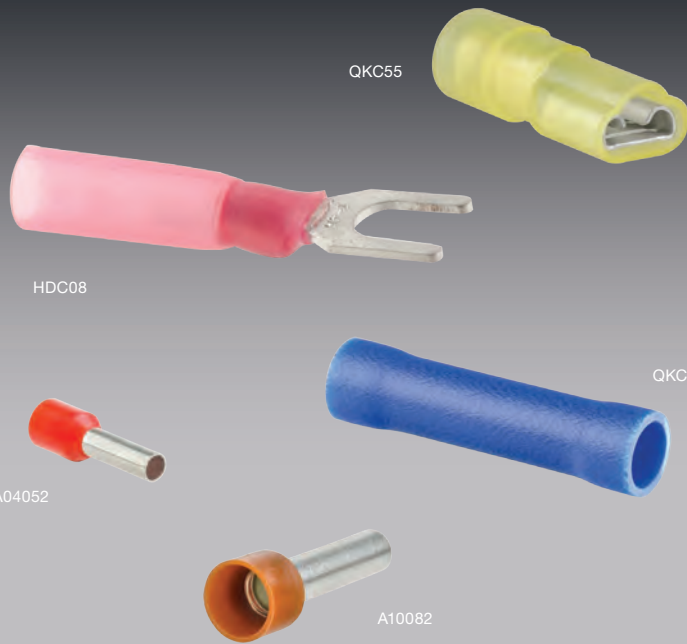
Crimp Terminal Kits **60**



Solder Sleeves **62**



Contacts **64**



- Increased cable security with double crimp points.
- Wide range of sizes & terminal styles.
- Seamless crimp barrel.
- Colour coded for easy identification.

Crimp :
Max. Electrical Rating :
Pack Quantity :

Tin-plated Copper
 600V @ 105°C
 100

Cable Size

All Crimp Terminals, excluding Boot Lace Ferrules, fall into 3 common cable sizes designated by the colour of the insulation :

- Red :** 0.5 – 1.5mm²
- Blue :** 1.5 – 2.5mm²
- Yellow :** 2.5 – 6mm²

Insulation Material

The insulation material of Crimp Terminals featured in this catalogue can be either Vinyl, Nylon or Heatshrink.

Vinyl

The standard insulation used on Crimp Terminals, Vinyl, provides good dielectric strength and can be used in most applications.



Nylon

A premium quality insulator, Nylon, is resistant to hydrocarbons - gasoline, hydraulic fluids and oils and has a good dielectric strength. Unlike Vinyl, Nylon does not out-gas, a critical factor in Aerospace applications.



Heatshrink

Adhesive lined heatshrink insulation has good dielectric strength and provides a hermetic seal preventing ingress of dust and water.

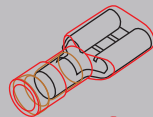
The combination of crimping, heatshrink and adhesive also provides a level of strain relief not achievable with standard type terminals.



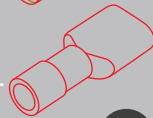
Copper Double Crimp

Certain Crimp Terminals feature Copper Double Crimping, these are marked with this symbol.

Double Crimp



Insulation (Vinyl, Nylon or Heatshrink)



Additional tin-coated copper sleeve (double crimp)






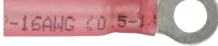



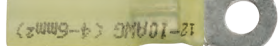



























Double Crimp

Stamped and formed metal housing




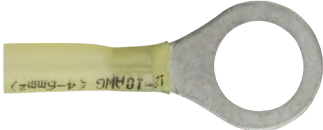

Ring Terminals

Size	Vinyl	Nylon	Heatshrink
3mm	QKC01 		HDC01 
	QKC20 		HDC20 
4mm	QKC02 		HDC02 
	QKC21 		HDC21 
	QKC38 		HDC38 
5mm	QKC03 	NDC22 	HDC03 
	QKC22 		HDC22 
	QKC39 		HDC39 
6mm	QKC04 	NDC23 	HDC04 
	QKC23 		HDC23 
	QKC40 		HDC40 
8mm	QKC05 	NDC24 	
	QKC24 		HDC24 
	QKC41 		HDC41 
10mm	QKC06 		
	QKC25 		HDC25 
	QKC42 		HDC42 

















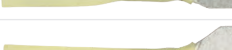


Crimp

Ring Terminals continued

Size	Vinyl	Nylon	Heatshrink
12mm	QKC26 		HDC43 
	QKC43 		

Fork / Spade Terminals
















Size	Vinyl	Nylon	Heatshrink
3mm	QKC07 		HDC07 
	QKC27 		HDC27 
4mm	QKC08 		HDC08 
	QKC28 		HDC28 
	QKC45 		
5mm	QKC09 		HDC09 
	QKC29 		HDC29 
	QKC46 		HDC46 
6mm	QKC47 		HDC47 

Butt Splices










	Vinyl	Nylon	Heatshrink
QKC11		NDC11 	HDC11 * 
QKC31		NDC31 	HDC31 * 
QKC49			HDC49 * 

* HDC11 & HDC31 are also available in packs of 1000. HDC49 is also available in packs of 500.

Blade Terminals – Fully Insulated – Female

Size	Vinyl	Nylon	Heatshrink
4.8mm	QKC66  Double Crimp		
	QKC67  Double Crimp		
6.3mm	QKC73  Double Crimp	QKC16  Double Crimp	HDC16 
	QKC74  Double Crimp	QKC35  Double Crimp	HDC35 
	QKC75  Double Crimp	QKC55  Double Crimp	HDC55 
Flag 6.3mm (Nylon)		QKC77 	QKC78  QKC79  NEW
9.4mm (Vinyl)	QKC53  Double Crimp		

Blade Terminals – Female

Size	Vinyl	Heatshrink
2.8mm	QKC19  Double Crimp	
5.2mm	QKC13  Double Crimp	
6.3mm	QKC12  Double Crimp	HDC12 
	QKC32  Double Crimp	HDC32 
9.4mm	QKC50  Double Crimp	HDC50 
	QKC51  Double Crimp	

Pin Terminals

Size	Vinyl
2mm x 10mm	QKC10  Double Crimp
2mm x 12mm	QKC30  Double Crimp
2.6mm x 14mm	QKC48  Double Crimp

Flat Blade Terminals

Size	Vinyl
2.3mm x 10mm	QKC63  Double Crimp
2.4mm x 13mm	QKC71  Double Crimp






Piggyback / Adaptor Terminals

Size	Vinyl	Vinyl	Non-Insulated
6.3mm	QKC15  Double Crimp	QKC34  Double Crimp	QKC54 










Crimp





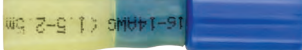

Blade Terminals – Fully Insulated – Male

Size	Vinyl	Nylon	Heatshrink
6.3mm		NDC64  Double Crimp	HDC64 
		NDC65  Double Crimp	HDC65 
			HDC68 







Blade Terminals – Male

Size	Vinyl	Nylon	Heatshrink
2.8mm	QKC68  Double Crimp		
6.3mm	QKC14  Double Crimp		HDC14 
	QKC33  Double Crimp		HDC33 
	QKC87  Double Crimp		HDC87 









Bullet Terminals – Female

Size	Vinyl	Nylon	Heatshrink
4mm	QKC18  Double Crimp	NDC18  Double Crimp	
5mm	QKC37  Double Crimp	NDC37  Double Crimp	HDC37 
	QKC57  Double Crimp		

Bullet Terminals – Male

Size	Vinyl	Nylon	Heatshrink
4mm	QKC17  Double Crimp	NDC17  Double Crimp	
5mm	QKC36  Double Crimp	NDC36  Double Crimp	HDC36 
	QKC56  Double Crimp		

End Sleeve Boot Lace Ferrules

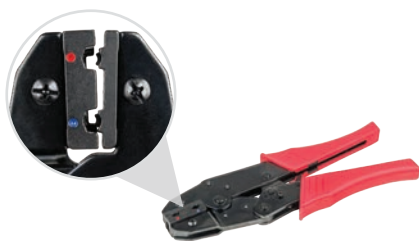
Part No.	Cable Size (mm ²)	Colour	Length (mm)	
A00552/100	0.50	White	8	
A00752/100	0.75	Blue	8	
A01052/100	1	Red	8	
A01552/100	1.5	Black	8	
A02552/100	2.5	Grey	8	
A04052/100	4	Orange	9	
A06052/100	6	Green	12	
A10082/100	10	Brown	18	

NEW

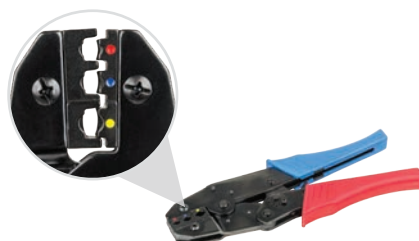


End Splice – Pre-Insulated **NEW**

Part No.	Cable Size (mm ²)	Description
QKC59	0.5 – 1.5	Copper grip. Opaque insulation
QKC60	1.5 – 2.5	Copper grip. Opaque insulation
QKC61	2.5 – 6.0	Copper grip. Opaque insulation



HT-0060



HT-0560



HT-0580

Crimp Terminals – Crimpers

Part No.	Description	Crimp Range
HT-0060	Ratcheting. Suiting Insulated Flag Terminals	Red & Blue
HT-0560	Ratcheting	Red, Blue & Yellow
HT-0580	Ratcheting crimper for End Sleeve Boot Lace Ferrules. Range – 0.25–6mm ²	





- Convenient on site service kits containing assortments of crimp terminals.
- Seamless crimp barrel.
- Colour coded terminals for easy identification.
- QKC-KIT & HDC-KIT boxes feature individually removable compartments.
- 1200KIT supplied in an Australian made Rola-Case®.
- Heatshrink crimp terminal kit now available.

Crimp :
Max. Electrical Rating :

Tin-plated Copper
600V @ 105°C



Crimp Terminal Assortment Kits


Part No.	Description	Kits Contain:
1200KIT	1200 piece Rola-Case®	<p>Cable Size 0.5 - 1.5mm²:</p> <ul style="list-style-type: none"> 50 x QKC14 Blade Terminal Male (6.3mm) 50 x QKC16 Blade Terminal Female (6.3mm) 50 x QKC03 Ring Terminal (5mmØ) 50 x QKC04 Ring Terminal (6mmØ) 50 x QKC11 Butt Splice
		<p>Cable Size 1.5 - 2.5mm²:</p> <ul style="list-style-type: none"> 50 x QKC33 Blade Terminal Male (6.3mm) 100 x QKC35 Blade Terminal Female (6.3mm) 100 x QKC22 Ring Terminal (5mmØ) 50 x QKC23 Ring Terminal (6mmØ) 50 x QKC24 Ring Terminal (8mmØ) 50 x QKC34 Blade Piggyback Terminal (6.3mm) 50 x QKC36 Bullet Terminal Male (5mm) 50 x QKC37 Bullet Terminal Female (5mm) 100 x QKC31 Butt Splice
QKC-KIT	625 piece	<p>Cable Size 0.5 - 1.5mm²:</p> <ul style="list-style-type: none"> 25 x QKC14 Blade Terminal Male (6.3mm) 50 x QKC16 Blade Terminal Female (6.3mm) 25 x QKC02 Ring Terminal (4mmØ) 25 x QKC04 Ring Terminal (6mmØ) 25 x QKC05 Ring Terminal (8mmØ) 50 x QKC11 Butt Splice
		<p>Cable Size 1.5 - 2.5mm²:</p> <ul style="list-style-type: none"> 25 x QKC33 Blade Terminal Male (6.3mm) 50 x QKC35 Blade Terminal Female (6.3mm) 25 x QKC22 Ring Terminal (5mmØ) 25 x QKC23 Ring Terminal (6mmØ) 25 x QKC24 Ring Terminal (8mmØ) 50 x QKC31 Butt Splice
		<p>Cable Size 2.5 - 6mm²:</p> <ul style="list-style-type: none"> 100 x QKC55 Blade Terminal Female (6.3mm) 50 x QKC87 Blade Terminal Male (6.3mm) 50 x QKC40 Ring Terminal (5mmØ) 50 x QKC41 Ring Terminal (8mmØ) 50 x QKC42 Ring Terminal (10mmØ) 50 x QKC49 Butt Splice
		<p>Cable Size 2.5 - 6mm²:</p> <ul style="list-style-type: none"> 50 x QKC55 Blade Terminal Female (6.3mm) 25 x QKC87 Blade Terminal Male (6.3mm) 25 x QKC39 Ring Terminal (5mmØ) 25 x QKC40 Ring Terminal (6mmØ) 25 x QKC41 Ring Terminal (8mmØ) 25 x QKC42 Ring Terminal (10mmØ) 50 x QKC49 Butt Splice

Insulation Material – Heatshrink


Adhesive lined heatshrink insulation has good dielectric strength and provides a hermetic seal preventing ingress of dust and water.


The combination of crimping, heatshrink and adhesive also provides a level of strain relief not achievable with standard type terminals.


HDC-KIT Includes:


HDC14 

HDC16 


HDC02 

HDC04 

HDC11 


HDC33 

HDC35 

HDC22 

HDC23 

HDC24 

HDC31 

HDC87 

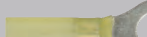
HDC55 

HDC39 

HDC40 

HDC42 

HDC41 

HDC49 



Each compartment is labelled & removable

Crimp Terminal Assortment Kits – Heatshrink NEW

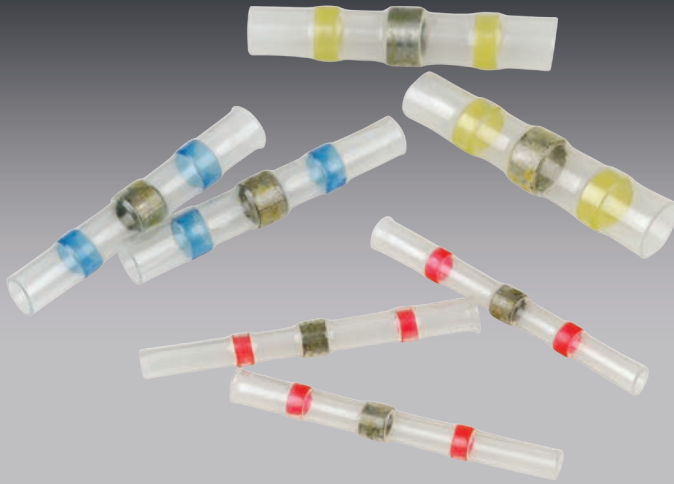
Part No.	Description	Kit Contents:
HDC-KIT	600 piece	<p>Cable Size 0.5 - 1.5mm²:</p> <p>25 x HDC14 Blade Terminal Male (6.3mm)</p> <p>50 x HDC16 Blade Terminal Female (6.3mm)</p> <p>25 x HDC02 Ring Terminal (4mmØ)</p> <p>25 x HDC04 Ring Terminal (6mmØ)</p> <p>50 x HDC11 Butt Splice</p>
		<p>Cable Size 1.5 - 2.5mm²:</p> <p>25 x HDC33 Blade Terminal Male (6.3mm)</p> <p>50 x HDC35 Blade Terminal Female (6.3mm)</p> <p>25 x HDC22 Ring Terminal (5mmØ)</p> <p>25 x HDC23 Ring Terminal (6mmØ)</p> <p>25 x HDC24 Ring Terminal (8mmØ)</p> <p>50 x HDC31 Butt Splice</p>
		<p>Cable Size 2.5 - 6mm²:</p> <p>50 x HDC55 Blade Terminal Female (6.3mm)</p> <p>25 x HDC87 Blade Terminal Male (6.3mm)</p> <p>25 x HDC39 Ring Terminal (5mmØ)</p> <p>25 x HDC40 Ring Terminal (6mmØ)</p> <p>25 x HDC41 Ring Terminal (8mmØ)</p> <p>25 x HDC42 Ring Terminal (10mmØ)</p> <p>50 x HDC49 Butt Splice</p>

Cable Size

All Crimp Terminals fall into 3 common cable sizes designated by the colour of the insulation :

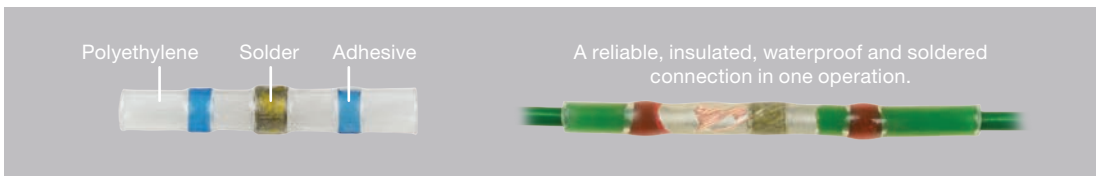
- Red :** 0.5 – 1.5mm²
- Blue :** 1.5 – 2.5mm²
- Yellow :** 2.5 – 6mm²



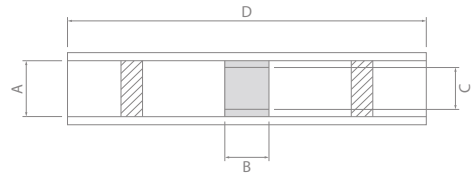


- Adheres and solders cables in one action.
- Heat shrink tubing.
- Simple, easy, secure.
- Environmentally sealing.

Shrink Ratio : 2:1
 Shrink Temperature : 60°C
 Solder Melt Temperature : 115°C
 Operating Temperature : -55°C to 105°C



NEW



Solder Sleeves

Pack Qty - 10	Colour	Cable Size (mm ²)	A (mm)	B (mm)	C (mm)	D (mm)
SSJ00/10 NEW	White	0.25 - 0.34	1.7	2.3	1.5	26
SSJ11/10	Red	0.5 - 1.0	4.4	3.2	2.8	40
SSJ31/10	Blue	1.5 - 2.5	6.5	4.2	4.8	40
SSJ49/10	Yellow	4.0 - 6.0	7.8	4.2	6.2	40

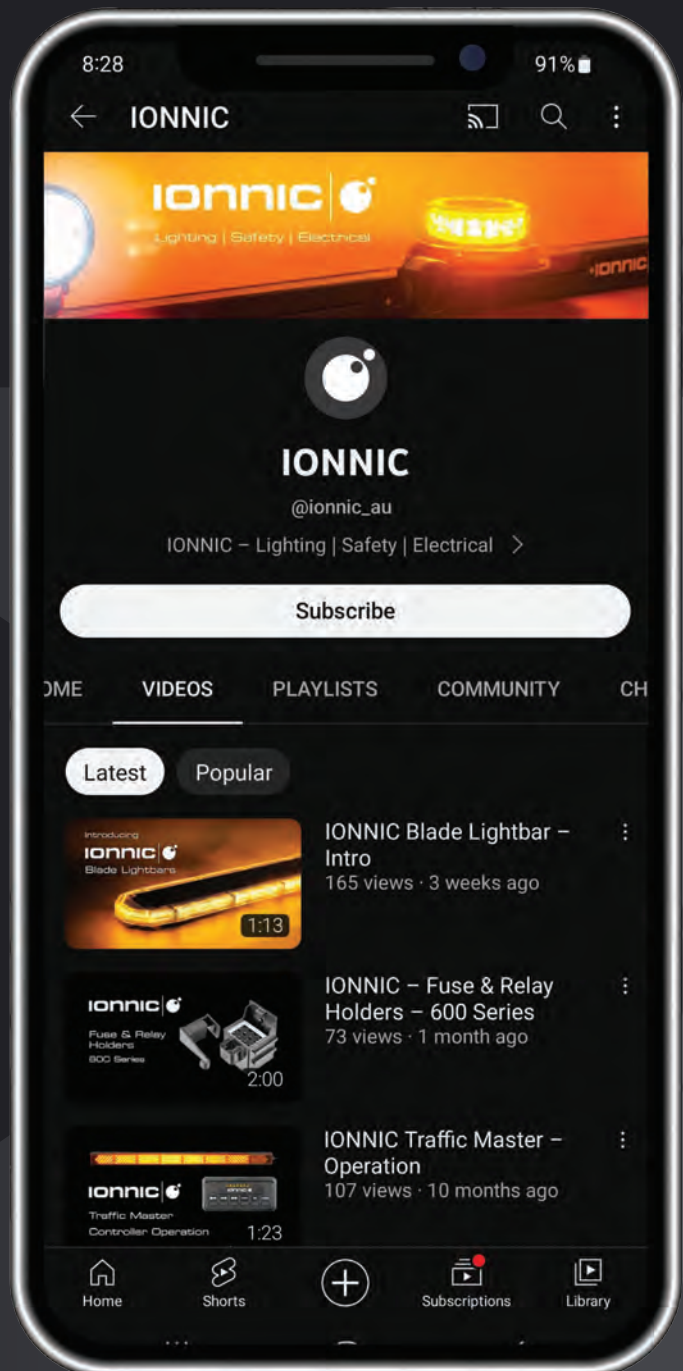


Solder Sleeves – Accessories

Part No.	Description
HT-2449	Butane gas refill
HT-2495	Pro torch. Includes detachable base

IONNIC YouTube Channel

Product videos,
configuration tutorials
and more



- Wide range of high quality stamped and formed non-insulated contacts.



66057BL2



604201BL2



604501BL2



605502BL2



604001BL2



604201BL2



605001BL2



604502BL2



604402BL2



604501BL2



605502BL2



605501BL2



66102BS2



66047BL2



66057BL2

Contacts

Pack Qty – 100	Type	Blade Size (mm)	Wire Size (mm ²)	Locking Tab
604001BL2/100	Receptacle	2.8	0.85 – 1.3	No
604201BL2/100	Receptacle	4.8	0.85 – 1.3	No
605001BL2/100	Receptacle	6.3	1.0 – 1.5	Yes
604502BL2/100	Receptacle	6.3	1.0 – 2.0	Yes
604402BL2/100	Receptacle	6.3	1.0 – 2.0	No
604501BL2/100	Receptacle	6.3	2.0 – 3.0	Yes
605502BL2/100	Tab	6.3	1.5 – 2.0	Yes
605501BL2/100	Tab	6.3	2.0 – 3.0	Yes
66102BS2/100	Receptacle	6.3	1.0 – 3.0	No
66047BL2/100	Receptacle	8	3.0 – 5.0	Yes
66057BL2/100	Tab	8	3.0 – 5.0	Yes

Material – Tin-plated brass.



281197-2



42241-1



42282-2

Contacts – TE Faston

Pack Qty – 100	Type	Blade Size (mm)	Wire Size (mm ²)	Locking Tab	Material
281197-2/100	Receptacle	4.8	1.0 – 2.5	Yes	Tin-plated phosphor bronze
42241-1/100	Tab	6.3	0.8 – 2.0	Yes	Brass (non-plated)
42282-2/100	Receptacle	6.3	0.8 – 2.0	Yes	Tin-plated brass



1241389-1



1241391-1

Contacts – TE MCP

Pack Qty – 100	Pack Qty – Reel	Reel Qty	Type	Blade Size (mm)	Wire Size (mm ²)	Cable O.D. Range (mm)	Locking Tab
1241389-1/100	1241388-1-BULK	3500	Receptacle	2.8	0.5 – 1.0	1.4 – 2.1	Yes
1241391-1/100	1241390-1-BULK	3500	Receptacle	2.8	1.0 – 2.5	2.3 – 3.0	Yes

Material – Tin-plated copper alloy.

Fits 2016 Toyota Hilux factory accessory fuse box. Also suits Komatsu and others.



1241395-1,
968875-1



1241397-1,
968876-1



1241415-1



1241417-1

Single Wire Sealing System

Contacts crimp directly to seals



Seals found on page 38

Contacts – TE MCP – Single Wire Sealing System

Part No.	Pack Qty	Pack Qty – Reel	Reel Qty	Type	Blade Size (mm)	Wire Size (mm ²)	Cable O.D. Range (mm)	Locking Tab
1241395-1/100	100	1241394-1-BULK	3500	Receptacle	2.8	0.5 – 1.0	1.4 – 2.1	Yes
968875-1/100	100	–	–	Receptacle	2.8	0.5 – 1.0	1.4 – 2.1	Yes
1241397-1/100	100	1241396-1-BULK	3500	Receptacle	2.8	1.0 – 2.5	2.2 – 3.0	Yes
968876-1/100	100	–	–	Receptacle	2.8	1.0 – 2.5	2.2 – 3.0	Yes
1241415-1/100	100	1241414-1-BULK	1500	Receptacle	4.8 & 6.3	1.0 – 2.5	2.2 – 3.0	Yes
1241417-1/50	50	1241416-1-BULK	1500	Receptacle	4.8 & 6.3	2.5 – 4.0	3.4 – 4.5	Yes

Material – Tin-plated copper alloy.



Crimp



927779-3



925590-2



925575-1

Contacts – TE Timers

Part No.	Pack Qty	Type	Blade Size (mm)	Wire Size (mm ²)	Cable O.D. Range (mm)	Locking Tab	Description
927779-3/100	100	Receptacle	2.8	0.5 – 1.0	1.4 – 2.3	Yes	AMP/TE. Junior Timer Contact
925590-2/10	10						
925590-2/100	100	Receptacle	2.8	1.5 – 2.5	2.0 – 3.0	Yes	AMP/TE. Junior Timer Contact
925590-2-BULK	4000						
925575-1/100	100	Receptacle	4.8 & 6.3	0.5 – 1.0	2.0 – 3.0	Yes	AMP/TE. Standard Timer Contact

Material – Tin-plated copper alloy.



604402VL

Contacts – Accessory

Pack Qty – 100	Description
604402VL/100	Contact insulator suit 6.3mm receptacles



P-12020321



P-12020400



P-12004568

Contacts – Pack-Con III

Part No.	Pack Qty	Type	Blade Size (mm)	Wire Size (mm ²)	Cable O.D. Range (mm)	Locking Tab
P-12020321/100	100	Receptacle	5	1.0 – 2.0	2.55 – 3.95	Yes
P-12020400	1	Receptacle	5	3.0 – 5.5	5.1 – 3.55	Yes
P-12004568	1	Receptacle (4x bussed)	5	3.0 – 5.0	5.1 – 3.55	Yes

Material – Brass (non-plated).



UBM/100



UBM-INS/100



UBFM/100



UBFM-INS/100



Bullet Terminals – Non-Insulated

Pack Qty – 100	Gender	Insulator (Pack Qty – 100)
UBM/100	Male	UBM-INS/100
UBFM/100	Female	UBFM-INS/100



Wire Splice

Pack Qty – 100	Wire Size (mm ²)	Description	Material
6608002BS/100	0.8 – 2.0	11mm length	Brass (non-plated)



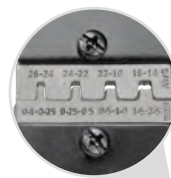
Double hinged
for parallel
crimping



HT-4220



HT-4560



HT-4305



HT-4307



HT-4308

Contacts – Tools

Part No.	Description	Sizes
HT-4220	Crimp tool. Parallel crimping	0.2–0.3, 0.3–0.5, 0.5–0.8, 0.8–1.3, 1.3–2.0mm ²
HT-4560	Crimp tool. Ratcheting	0.5–1, 1.5–2.5, 4–6
HT-4305	Crimp tool. Ratcheting. Suits Wire Splice	0.1–0.25mm ² , 0.25–0.5mm ² , 0.5–1.0mm ² , 1.5–2.5mm ² 26–24AWG, 24–22AWG, 22–18AWG, 16–14AWG
HT-4307	Contact removal tool. Suits TE MCP 2.8mm Series	
HT-4308	Contact removal tool. Suits TE MCP 4.8mm & 6.3mm Series	



Battery



Battery



Battery Terminals **70**



Cable Lugs **72**



Cable Joiners **76**



Clips & Clamps **77**



Terminal Insulators **78**



- High quality, superior conductivity.
- Crimp Battery Terminals are colour coded for easy identification.
- Wide range of gauge sizes and terminal styles.
- Ideal for truck, bus, marine & heavy-duty vehicles.
- Battery Terminals made in New Zealand.
- Crimp Battery Terminals made in North America.

NZ



RT10N
RT10P

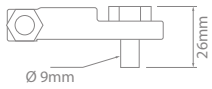
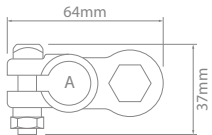


Fig 1



RT13N
RT13P

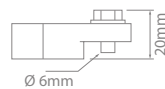
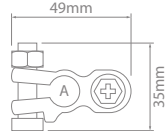


Fig 2



RT14N
RT14P

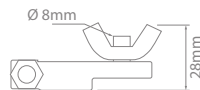
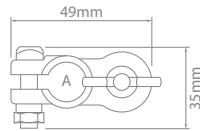


Fig 3



RT15N
RT16P

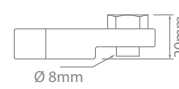
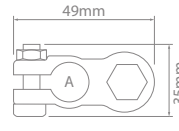


Fig 4



RT17N
RT18P

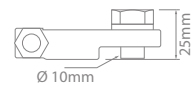
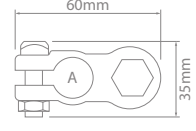
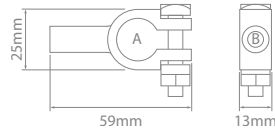


Fig 5

Battery Terminals

Part No.	Style	A (mm)	Polarity	Fig
RT10N	9mm Bolt	16	Negative	1
RT10P	9mm Bolt	17	Positive	1
RT13N	6mm Bolt	12	Negative	2
RT13P	6mm Bolt	13	Positive	2
RT14N	Wingnut	16	Negative	3
RT14P	Wingnut	18	Positive	3
RT15N	8mm Bolt	17	Negative	4
RT16P	8mm Bolt	18	Positive	4
RT17N	10mm Bolt	16	Negative	5
RT18P	10mm Bolt	18	Positive	5

Made in North America

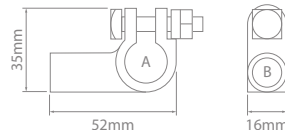


000SN

Crimp Battery Terminals – Straight

Polarity		Cable Size (mm ²)	A (mm)		B (mm)	Colour Code
Positive	Negative		Positive	Negative		
2SP	2SN	35	18	16.5	8.5	Green
0SP	0SN	50	18	16.5	9.5	Pink
00SP	00SN	70	18	16.5	11.5	Black
000SP	000SN	85	18	16.5	12	Orange
120SP	120SN	120	18	16.5	16	Yellow

Made in North America

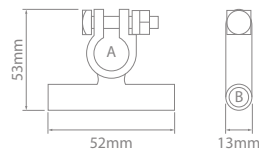


000EP

Crimp Battery Terminals – Elbow

Polarity		Cable Size (mm ²)	A (mm)		B (mm)	Colour Code
Positive	Negative		Positive	Negative		
2EP	2EN	35	18	16.5	8.5	Green
0EP	0EN	50	18	16.5	9.5	Pink
00EP	00EN	70	18	16.5	11.5	Black
000EP	000EN	85	18	16.5	12	Orange
120EP	120EN	120	18	16.5	16	Yellow

Made in North America



0TEN

Crimp Battery Terminals – Twin Elbow

Polarity		Cable Size (mm ²)	A (mm)		B (mm)	Colour Code
Positive	Negative		Positive	Negative		
2TEP	2TEN	35	18	16.5	8.5	Green
0TEP	0TEN	50	18	16.5	9.5	Pink
00TEP	00TEN	70	18	16.5	11.5	Black
000TEP	000TEN	85	18	16.5	12	Orange
120TEP	120TEN	120	18	16.5	16	Yellow



Battery

Cable Lugs
















- Bell Mouth versions feature flared end for easy cable insertion.
- Electro tin-plated copper for high conductivity.
- Manufactured from tube stock for greater durability.
- Corrosion resistant.

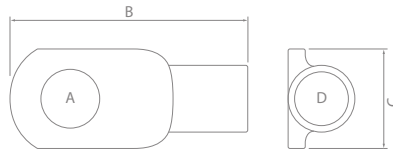
Material :
Operating Temperature :

Tin-plated Copper Alloy
-55°C to 155°C


























Cable Lugs

Cable Size	Stud Size	A (mm)	B (mm)	C (mm)	D (mm)	Type	Part No	Pack Qty	
5mm ²	5mm	5	23	10	3.8	Standard	S6-5	1	
							S6-5/50	50	
	6mm	6	27	12	3.8	Standard	S6-6	1	
							S6-6/50	50	
10mm ²	8mm	8	27	12	3.8	Standard	S6-8	1	
							S6-8/50	50	
	10mm	10	32	15	3.8	Standard	S6-10	1	
							S6-10/50	50	
	6mm	6	27	12	4.7	Standard	S10-6	1	
						Bell Mouth	S10-6BM/50	50	
	8mm	8	29	14	4.7	Standard	S10-8	1	
						Bell Mouth	S10-8BM/50	50	
10mm	10	32	15	4.7	Standard	S10-10	1		
					Bell Mouth	S10-10BM/50	50		
12mm	12	38	18	4.7	Standard	S10-12	1		
						S10-12/50	50		

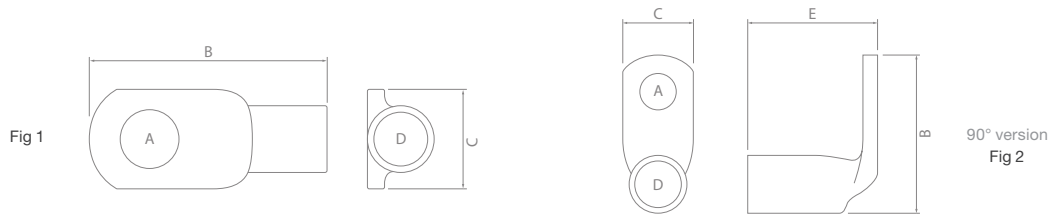


Cable Lugs Continued













Cable Size	Stud Size	A (mm)	B (mm)	C (mm)	D (mm)	Type	Part No	Pack Qty		
16mm ²	6mm	6	39	11	5.5	Standard	S16-6 S16-6/50	1 50		
						Bell Mouth	S16-6BM/50	50		
	8mm	8	40	14	5.5	Standard	S16-8 S16-8/50	1 50		
						Bell Mouth	S16-8BM/50	50		
	10mm	10	42	15	5.5	Standard	S16-10 S16-10/50	1 50		
						Bell Mouth	S16-10BM/50	50		
	12mm	12	46	18	5.5	Standard	S16-12 S16-12/50	1 50		
	25mm ²	6mm	6	33	13.5	7.1	Standard	S25-6 S25-6/25	1 25	
							Bell Mouth	S25-6BM/25	25	
		8mm	8	41	13.5	7.1	Standard	S25-8 S25-8/25	1 25	
							Bell Mouth	S25-8BM/25	25	
10mm		10	44	16	7.1	Standard	S25-10 S25-10/25	1 25		
						Bell Mouth	S25-10BM/25	25		
12mm		12	49	17.5	7.1	Standard	S25-12 S25-12/25	1 25		
						Bell Mouth	S25-12BM/25	25		
35mm ²		6mm	6	44	16	8.4	Standard	S35-6 S35-6/25	1 25	
							Bell Mouth	S35-6BM/25	25	
		8mm	8	44	16	8.4	Standard	S35-8 S35-8/25	1 25	
							Bell Mouth	S35-8BM/25	25	
	10mm	10	47	18	8.4	Standard	S35-10 S35-10/25	1 25		
						Bell Mouth	S35-10BM/25	25		
	12mm	12	50	20	8.4	Standard	S35-12 S35-12/25	1 25		
						Bell Mouth	S35-12BM/25	25		

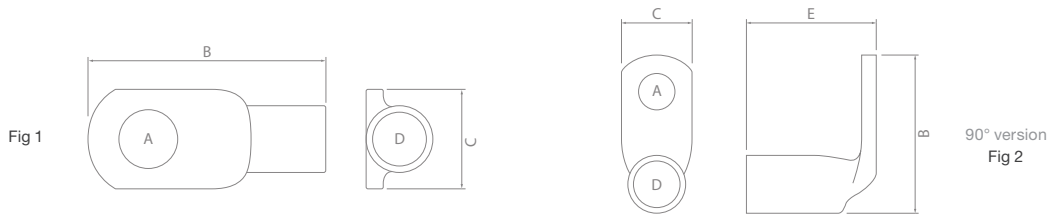


Battery


















Cable Lugs Continued

Cable Size	Stud Size	Fig	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Type	Part No	Pack Qty		
50mm ²	6mm	1	6	48	18	9.5	—	Standard	S50-6	1		
								Bell Mouth	S50-6/25	25		
		8mm	1	8	48	18	9.5	—	Standard	S50-8	1	
									Bell Mouth	S50-8BM/25	25	
	10mm	1	10	48.5	18	9.5	—	Standard	S50-10	1		
			10	52	18	9.5	—	Bell Mouth	S50-10BM/25	25		
	12mm	1	12	54	21	9.5	—	Standard	S50-12	1		
								Bell Mouth	S50-12BM/25	25		
70mm ²	6mm	1	6	54	21	11.3	—	Standard	S70-6	1		
								Bell Mouth	S70-6/10	10		
	8mm	1	8	54	21	11.3	—	Standard	S70-8	1		
								Bell Mouth	S70-8BM/10	10		
	10mm	2	10	39	21	11.3	33	Standard	S70-10-90DEG	1		
								Standard	S70-10	1		
		1	10	54	21	11.3	—	Bell Mouth	S70-10/10	10		
								Bell Mouth	S70-10BM/10	10		
	12mm	1	12	54	21	11.3	—	Standard	S70-12	1		
								Bell Mouth	S70-12/10	10		
16mm	1	17	64	27	11.3	—	Standard	S70-12BM	1			
							Standard	S70-12BM/10	10			
16mm	1	17	64	27	11.3	—	Standard	S70-16	1			



Cable Lugs Continued

Cable Size	Stud Size	Fig	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Type	Part No	Pack Qty		
95mm ²	8mm	1	8	60	25	13.5	—	Standard	S95-8	1		
								Bell Mouth	S95-8BM	1		
	10mm	1	10	60	25	13.5	—	Standard	S95-10	1		
								Bell Mouth	S95-10BM	1		
		2	10	45	25	13.5	40	Standard	S95-10-90DEG	1		
	12mm	1	12	60	25	13.5	—	Standard	S95-12	1		
								Bell Mouth	S95-12BM	1		
	16mm	1	16	60	25	13.5	—	Standard	S95-16	1		
			16	70	27	13.5	—	Bell Mouth	S95-16BM	1		
	120mm ²	8mm	1	8	64	30	15.6	—	Standard	S120-8	1	
									Bell Mouth	S120-8BM	1	
		10mm	1	10	64	24	15.6	—	Standard	S120-10	1	
10				64	30	15.6	—	Bell Mouth	S120-10BM	1		
12mm		1	12	64	30	15.6	—	Standard	S120-12	1		
								Bell Mouth	S120-12BM	1		





- Fabricated from one piece of copper.
- Tinned for optimum electrical performance.
- The barrel is completely closed with a brazed seam for uniform strength.
- Internal serrations guarantee optimum tensile strength and maximum electrical contact area after crimping.
- Designed for all power applications: automotive, aircraft and marine.
- Corrosion resistant.

Material :

Tin-plated Copper Alloy



Cable Joiners

Part No.	Wire Size (mm ²)	A (mm)	B (mm)
C10	10	4.7	22
C16	16	5.5	44
C25	25	7.1	47
C35	35	8.4	47

Part No.	Wire Size (mm ²)	A (mm)	B (mm)
C50	50	9.5	47
C70	70	11.3	50
C95	95	13.5	54
C120	120	15.6	65



HT-4023



HT-4510



Rotating die with 6 sizes

HT-21



Rotating die with 7 sizes

HT-22

Crimping Tools – Cable Joiners, Lugs & Crimp Battery Terminals

Part No.	Description	Crimp Range (mm ²)
HT-4023	Ratcheting	0.3–2.5, 4–6, 10, 16
HT-4510	Ratcheting	0.25–1.5, 2.5–4, 6–8, 10
HT-21	Heavy-duty hex crimper. Rotating die with 6 sizes. 450mm long	6, 10, 16, 25, 35, 50
HT-22	Extra heavy-duty hex crimper. Rotating die with 7 sizes. 650mm long	25, 35, 50, 70, 95, 120, 150

- Wide range of sizes and current capacities.
- Insulated and non-insulated handles.
- Heavy-duty versions supplied with copper cable lugs and feature full insulation and metal heat dispersion earth strip.
- Green and yellow models of the AE710 series suitable for electric fences.



Clips & Clamps

Part No.	Description	Current Rating (A)	Pack Qty
H2790/2	Alligator Clips	5	2
H2796-BLK NEW	Insulator/boot for H2790/2 – Black	–	1
H2796-RED NEW	Insulator/boot for H2790/2 – Red	–	1
H145/2	Test Clips	10	2
H143/2	Test Clips	25	2
H144/2	Test Clips	50	2
AE710-BLK NEW	Alligator clamp – Black	25	1
AE710-GRN NEW	Alligator clamp – Green. Suitable for electric fences	25	1
AE710-RED NEW	Alligator clamp – Red	25	1
AE710-YEL NEW	Alligator clamp – Yellow. Suitable for electric fences	25	1
AE725B	Battery Clamp – Heavy-duty – Black	600	1
AE725R	Battery Clamp – Heavy-duty – Red	600	1



Battery

Terminal Insulators

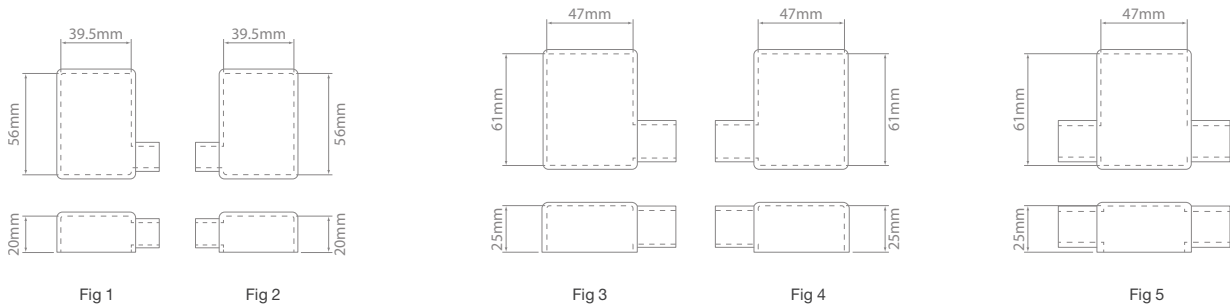


- Protects terminals from electrical shorts and shocks.
- Colour coded for easy identification.
- Wide range of sizes & styles available.
- 200 Series feature finger tab for easy removal.
- Bulk packs available.
- Made in North America.

Made in North America

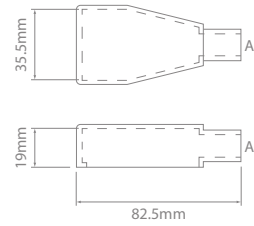
Material :
Operating Temperature :
Burning Behaviour :

Flexible PVC
105°C max.
UL94V2



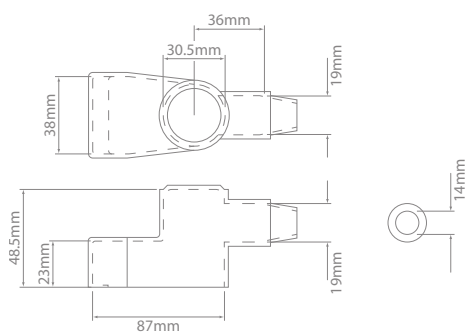
Battery Terminal Insulators

Red	Black	Pack Qty	Post Height (mm)	Cable Ø (mm)	Cable Entry	Material Thickness (mm)	Fig
SY2906-RED	SY2906-BLK	1	20	12.5	Right Hand	1.5	1
SY2910-RED	SY2910-BLK	1	20	12.5	Left Hand	1.5	2
SY2912-RED	SY2912-BLK	1	25	17.5	Right Hand	2.3	3
SY2912R/100	—	100					
SY2914-RED	SY2914-BLK	1	25	17.5	Left Hand	2.3	4
SY2914R/100	SY2914B/100	100					
SY2915-RED	SY2915-BLK	1	25	17.5	Double	2.3	5



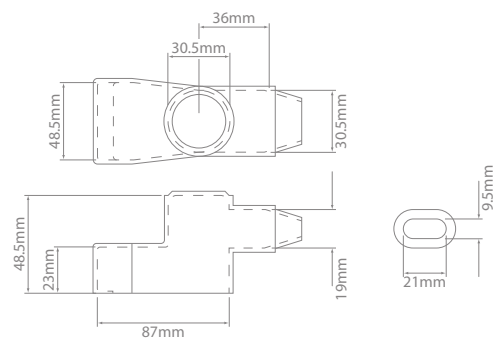
Battery Terminal Insulators – Straight Leads

Red	Black	Pack Qty	Post Height (mm)	Cable Ø A (mm)	Material Thickness (mm)
SY2917-RED	SY2917-BLK	1	19	12.5	2.3
SY2917R/100	SY2917B/100	100			
SY2919-RED	SY2919-BLK	1	19	16	2.3
SY2919R/100	SY2919B/100	100			



SY2990

Fig 1



SY2995

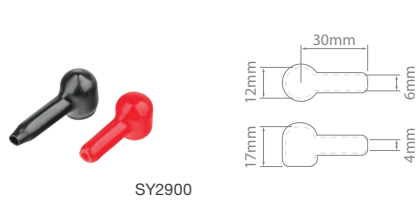
Fig 2

Battery Terminal Insulators

Red	Black	Pack Qty	Terminal Ø (mm)	Post Height (mm)	Material Thickness (mm)	Fig
SY2990-RED	SY2990-BLK	1	30.5	23	2	1
SY2990R/100	SY2990B/100	100				
SY2995-RED	SY2995-BLK	1	30.5	23	2	2
SY2995R/100	SY2995B/100	100				



Battery



SY2900



SY2980



SY2982



SY2984

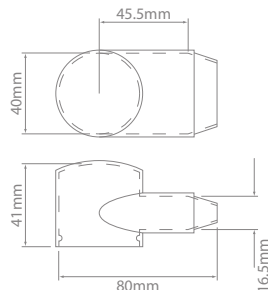
Terminal Insulators – Lug & Ring

Red	Black	Pack Qty	Terminal Ø (mm)	Post Height (mm)	Terminal Length (mm)	Inside Grip (mm)	Cable Ø (mm)	Material Thickness (mm)
SY2900-RED	SY2900-BLK	1	13	16	21	6	4 – 6	1
SY2900R/100	SY2900B/100	100						
SY2980-RED	SY2980-BLK	1	18.5	26	33.5	10.5	8	1.5
SY2980R/100	SY2980B/100	100						
SY2982-RED	SY2982-BLK	1	25.5	25	33.5	12.5	12.5	1.5
SY2982R/100	SY2982B/100	100						
SY2984-RED	SY2984-BLK	1	32	25	65	25.5	16.5	2.5
SY2984R/100	SY2984B/100	100						

SY2999-BLK



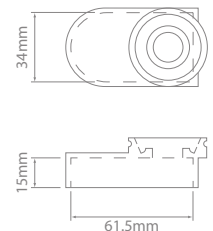
SY2999-RED



SY2999-RED



SY2998-RED



Terminal Insulators – Lug & Ring – Marine

Red	Black	Pack Qty	Terminal Ø (mm)	Post Height (mm)	Terminal Length (mm)	Material Thickness (mm)
SY2999-RED	SY2999-BLK	1	40	41	58.5	1.5
SY2999R/100	SY2999B/100	100				
SY2998-RED	SY2998-BLK	1	Base for use with SY2999			2.5

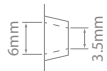
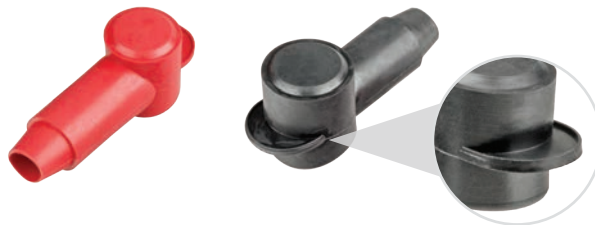


Fig 1

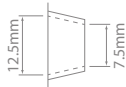


Fig 2

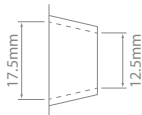


Fig 3

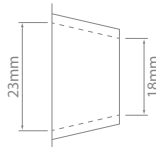
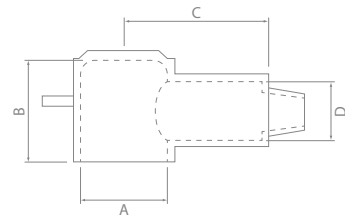


Fig 4



Cable Ø

Terminal Insulators – Lug & Ring – 200 Series

Red	Black	Pack Qty	Terminal Ø A (mm)	Post Height B (mm)	Terminal Length C (mm)	Inside Grip D (mm)	Cable Ø Fig	Material Thickness (mm)
SY2959-RED	SY2959-BLK	1	12	18	25.5	12.5	1	1.5
SY2959R/100	SY2959B/100	100						
SY2960-RED	SY2960-BLK	1	14	19	25.5	12.5	1	1.5
SY2960R/100	SY2960B/100	100						
SY2963-RED	SY2963-BLK	1	16	20.5	25.5	12.5	2	1.5
SY2963R/100	SY2963B/100	100						
SY2965-RED	SY2965-BLK	1	18	22	25.5	12.5	2	1.5
SY2965R/100	SY2965B/100	100						
SY2966-RED	SY2966-BLK	1	20	24	33.5	18	3	1.8
SY2966R/100	SY2966B/100	100						
SY2968-RED	SY2968-BLK	1	22	26.5	44.5	19	3	1.8
SY2968R/100	SY2968B/100	100						
SY2971-RED	SY2971-BLK	1	26	32	52.5	18	3	2
SY2971R/100	SY2971B/100	100						
SY2970-RED	SY2970-BLK	1	28	33.5	44.5	19	3	2.3
SY2970R/100	SY2970B/100	100						
SY2973-RED	SY2973-BLK	1	32	38	44.5	23	3	2.5
SY2974-RED	SY2974-BLK	1	32	38	60.5	23	4	2.5
SY2974R/100	SY2974B/100	100						
SY2975-RED	SY2975-BLK	1	32	38	44.5	23	4	2.5
SY2975R/100	SY2975B/100	100						



High Current



High Current



High Current **84**



Jump Start Connector **86**



Junction Blocks **87**



Terminal Busbars **92**

High Current

High Current



SB350RED



SB175-HANDLE

SB175

SB175-PC

- Quick & easy connection.
- Heavy-duty construction.
- Silver-plated copper contacts provide low resistance for superior conductivity.



Contact :
Operating Temperature :
Approvals :

Silver-plated Copper
-20°C to 105°C
UL, RoHS

SB50RED



SB50RED



SB50

NEW



SB50BLACK



SB50BLUE



SB175RED



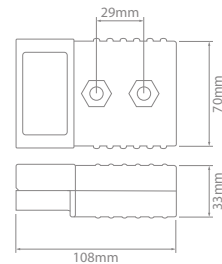
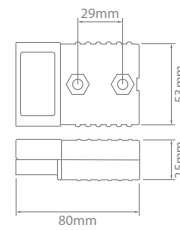
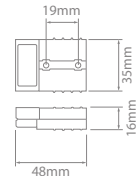
SB175



SB350RED



SB350-50

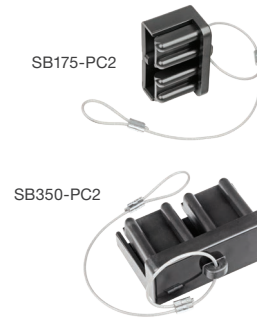
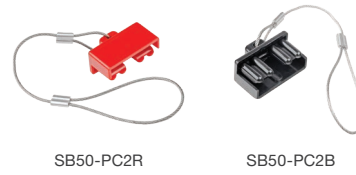


High Current Connectors

Current Rating (A)	Colour				Cable Size	
	Red	Grey	Black	Blue	AWG	mm ²
50	SB50RED	SB50	NEW SB50BLACK	SB50BLUE	6	13.3
175	SB175RED	SB175	—	—	1/0	53.5
	—	SB175-35	—	—	2	38
350	SB350RED	SB350	—	—	2/0	67.4
	—	SB350-50	—	—	1/0	53.5

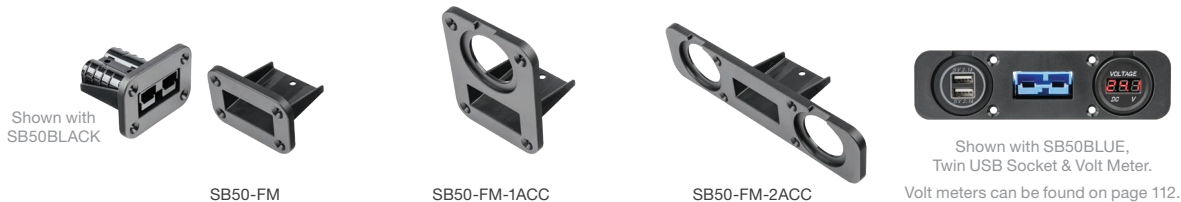
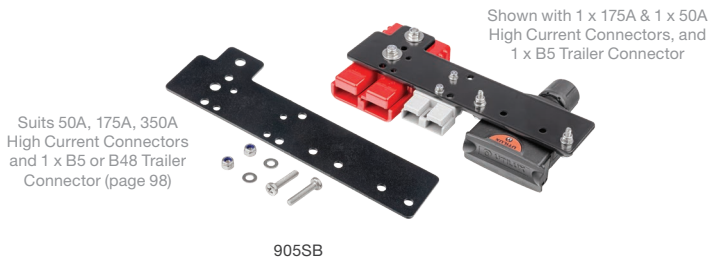
Red, grey, black & blue models are keyed differently to avoid mismating.

High Current



High Current Connectors – Covers

Suits Current Rating (A)	PVC			Polycarbonate	
	Red	Black	Grey	Red	Black
50	SB50-PC	SB50-PC-BLK	SB50-PC-GREY	SB50-PC2R	SB50-PC2B
175	SB175-PC	—	—	—	SB175-PC2
350	SB350-PC	—	—	—	SB350-PC2



High Current Connectors – Accessories

Suits Current Rating (A)	Part No.	Description
50 & 175	905SB	Mounting bracket. Supplied with fitting hardware
50	SB50-HANDLE	Handle kit, includes fitting hardware
175*	SB175-HANDLE	Handle kit, includes fitting hardware. Suits 350A connectors with appropriate nuts & bolts (user supplied)
50	SB50-FM	Flange mount bracket
50	SB50-FM-1ACC	Flange mount bracket, one 30mm accessory cutout
50	SB50-FM-2ACC	Flange mount bracket, two 30mm accessory cutouts



High Current

Jump Start Connector



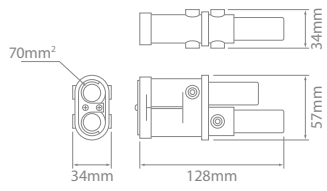
- CAT style jump start connector kit.
- Quick & easy connection.
- Heavy-duty construction.
- Silver-plated copper contacts provide low resistance for superior conductivity.
- Stepped design eliminates cross polarity connections.



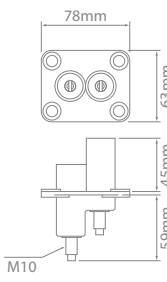
Current Rating : Constant 350A @ 24V
 Intermittent 2000A @ 24V
 Contact : Silver-plated Copper
 Operating Temperature : -20°C to 105°C
 Approvals : UL, RoHS



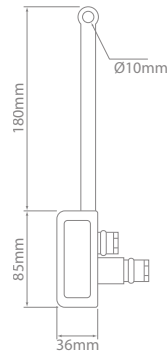
Rubber seals held in place by metal retainer



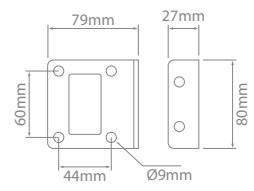
JS000



JS001



JS001-PC



JS002

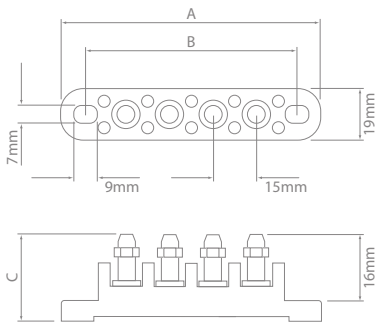
Jump Start Connector – 70mm²

Part No.	Description	Material
JS000	Plug	High impact ABS plastic
JS001	Receptacle	High impact ABS plastic
JS001-PC	Protective Cover	PVC
JS002	Bracket	Powder-coated Aluminium

- Provides ground or power connection points for AC or DC circuits.
- Hard wearing thermoplastic base on most models.
- Blocks with up to 12 terminals available.
- Heavy-duty Single Stud models up to 400A.
- Numbered terminals on Multiple Stud models.
- Ideal for transformers, vehicle, electrical, communication and solar systems.



Base : Thermoplastic
 Flexible Junction Blocks Polymer
 Operating Temperature : 120°C max.
 Flexible Junction Blocks 80°C max.



C4559-5 features insulated wall barriers

Multiple Stud

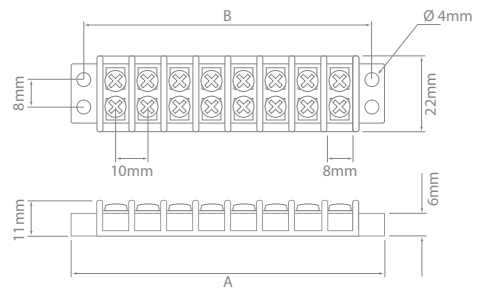
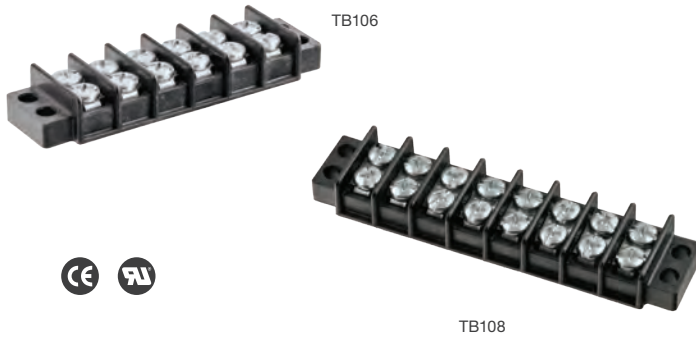
Part No.	Circuits	Stud Ø (mm)	A (mm)	B (mm)	C (mm)
C5237-1	1	4.6	51	31	30
C5237-2	2	4.6	67	47	30
C5237-4	4	4.6	99	79	30
C5237-5	5	4.6	115	95	30
C4559-5*	5	4.6	133	113	27
C5237-6	6	4.6	130	110	30
C5237-8	8	4.6	162	142	30
C5237-12	12	4.6	225	205	30

30A per terminal.

* Supplied with star washers. This model has insulated wall barriers.



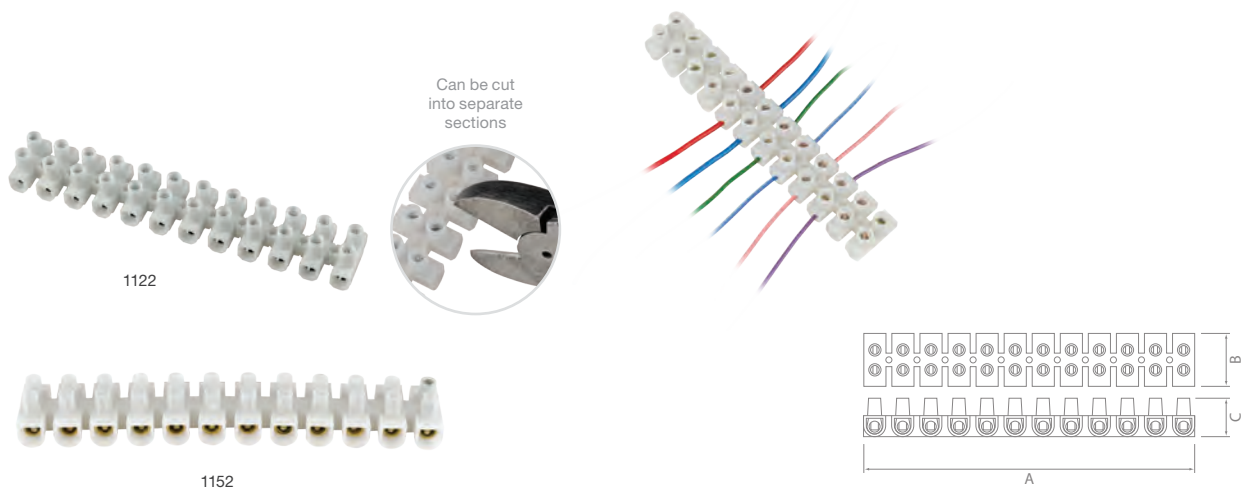
High Current



Double Row Terminal Blocks

Part No.	Circuits	Screw Ø (mm)	A (mm)	B (mm)
TB102	2	3.4	36	28
TB104	4	3.4	55	48
TB106	6	3.4	74	67
TB108	8	3.4	93	85
TB110	10	3.4	112	104

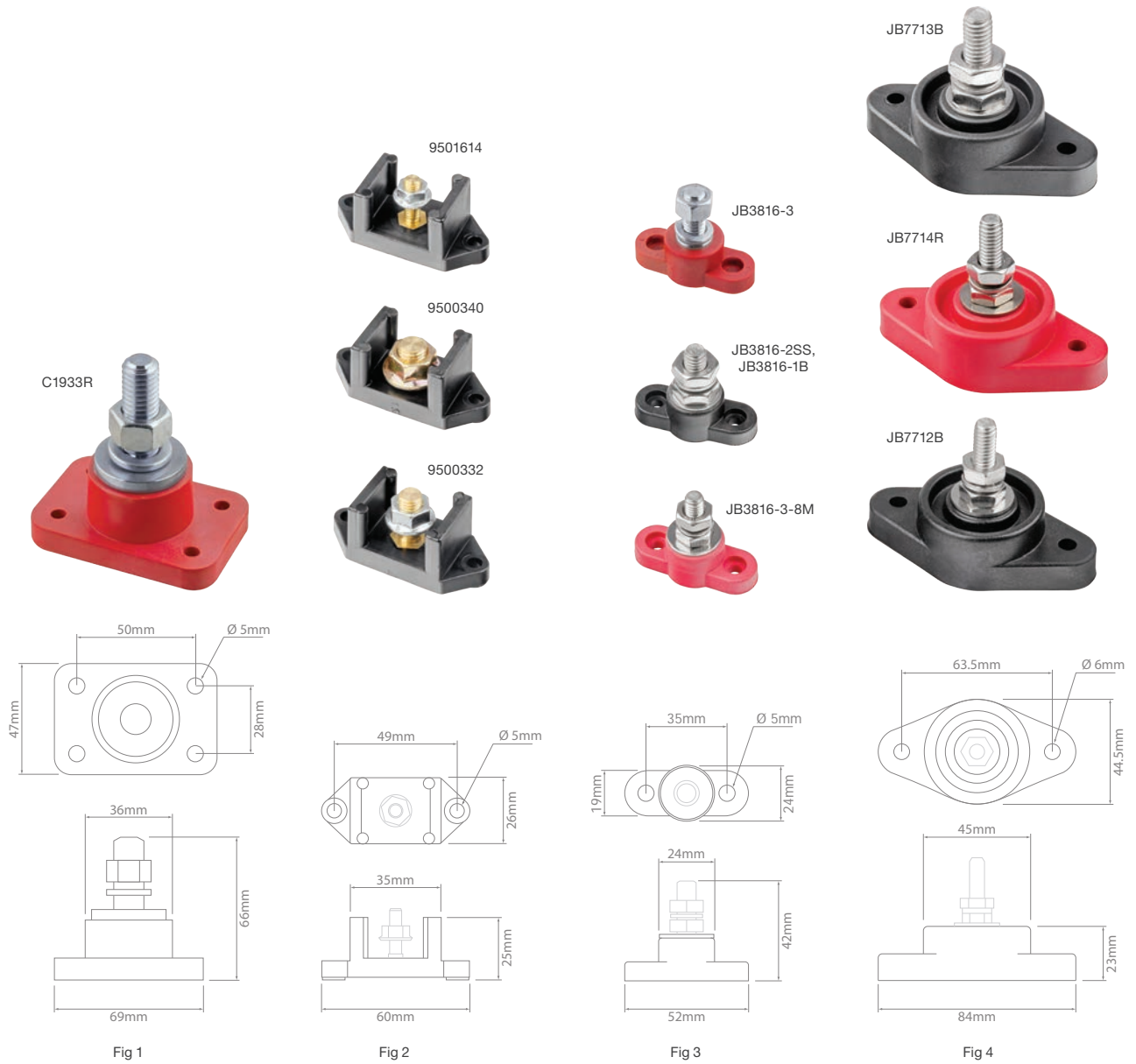
30A per terminal.



Flexible Junction Blocks

Part No.	Circuits	Current Rating (A)	Cable Size (mm ²)	Volts	Hole Size (mm)	A (mm)	B (mm)	C (mm)
1102	12	6	4	400	3.3	94	17	12
1122	12	15	8	400	4.5	140	23	19
1142	12	30	10	400	5.6	157	25	25
1152	12	60	16	400	6.6	200	32	24

Not Bussmann products.

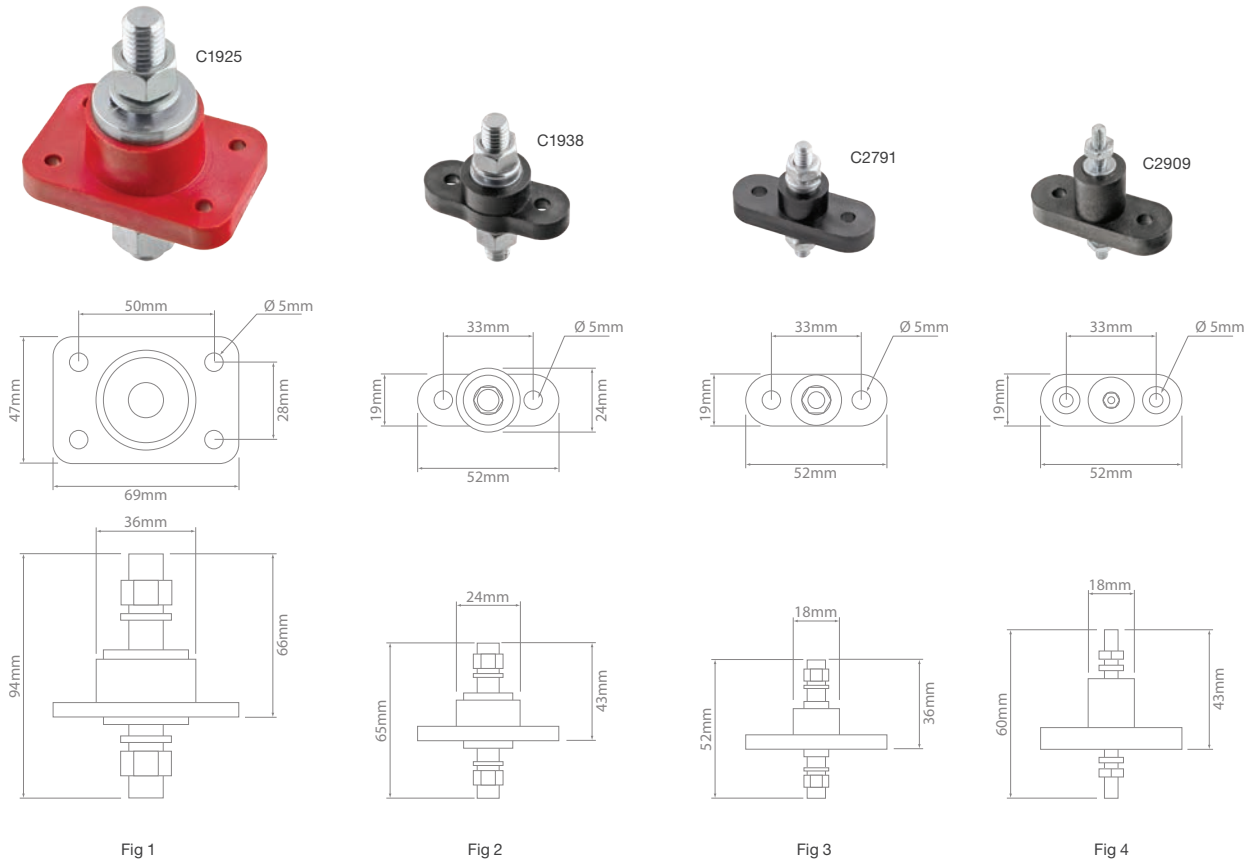


Single Stud

Colour	Black	Hardware	Current Rating (A)	Stud (Inches)	Stud (mm)	Stud Height (mm)	Fig
Red	C1933R	Plated Brass	400	1/2" 13 UNC	—	38	1
—	9500340	Plated Brass	250	—	10–1.5	14	2
—	9500332	Plated Brass	200	—	8–1.25	19	2
—	9501614	Plated Brass	100	—	6–1	19	2
Red	JB3816-3	Plated Brass	250	3/8" 16 UNC	—	22	3
Red	JB3816-3SS	Stainless Steel	240	3/8" 16 UNC	—	22	3
Red	JB3816-3-8M	Stainless Steel	190	5/16" 18 UNC	—	22	3
Red	JB3816-1R	Stainless Steel	150	1/4" 20 UNC	—	22	3
Red	JB7713R	Stainless Steel	240	3/8" 16 UNC	—	54	4
Red	JB7714R	Stainless Steel	190	5/16" 18 UNC	—	30	4
Red	JB7712R	Stainless Steel	150	1/4" 20 UNC	—	52	4



High Current



Single Stud – Feed Through – Copper Alloy

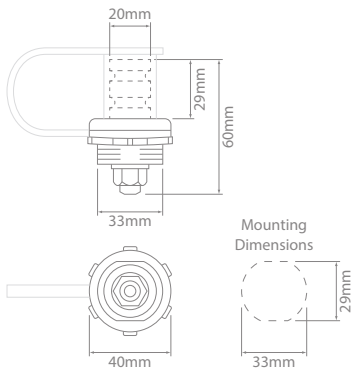
Colour	Current Rating (A)	Stud (Inches)	Fig	
Red	Black			
C1925	C1925B	400	1/2" 13 UNC	1
C1938R	C1938	250	3/8" 16 UNC	2
C1938-1R	C1938-1	200	5/16" 18 UNC	2
C2791R	C2791	100	1/4" 20 UNC	3
—	C2909	100	1/4" 20 UNC	4



Single Stud – Feed Through – Stainless Steel

Colour	Current Rating (A)	Stud (Inches)	Stud (mm)	
Red	Black			
JB7720R	JB7720B	250	—	8–1.25
JB7723R	JB7723B	350	3/8" 16 UNC	—
JB7722R	JB7722B	150	1/4" 20 UNC	—

High Current

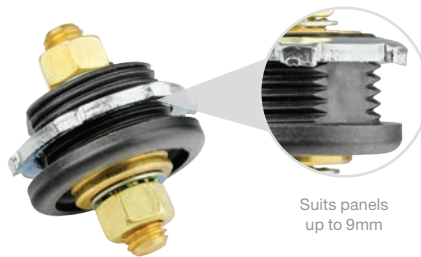
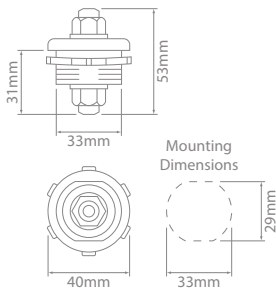


Suits panels up to 9mm

M46210-02

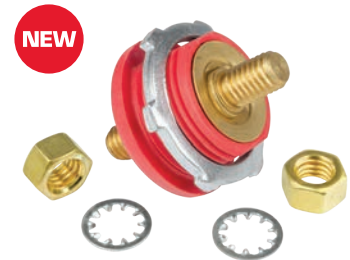


M46210-03



Suits panels up to 9mm

M46211-01



M46211-01R

Battery Jumper Terminals

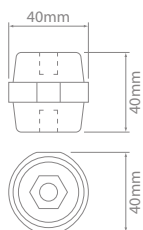
Colour	Stud (Inches)	Max Panel Size (mm)
Red	3/8" 16 UNC	9
Black	3/8" 16 UNC	9

M46210-02

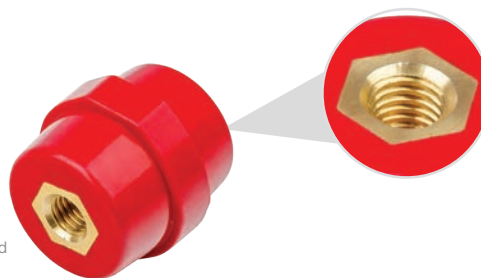
M46210-03

M46211-01R NEW

M46211-01



M10 thread



M10 thread

Insulated Standoff

Part No.	Insulator Voltage (Kv)	Screw Thread
JB40-M10	10	M10 thread



High Current

Terminal Busbars



JB77837B



JB77012R

- Create reliable, trouble-free bussing points.
- Hook up positive/negative return lines to a single cable.
- Up to 12 stainless steel connection points.
- Hard wearing glass-filled nylon base.
- 12 point busbars supplied with cover and insulator.
- 1/4", 3/8", and M8 stud options.

Studs :
Connection Points :
Base :

Stainless Steel
Stainless Steel
Glass-filled Nylon

4 x M8 studs &
3 x #8-32
connection points

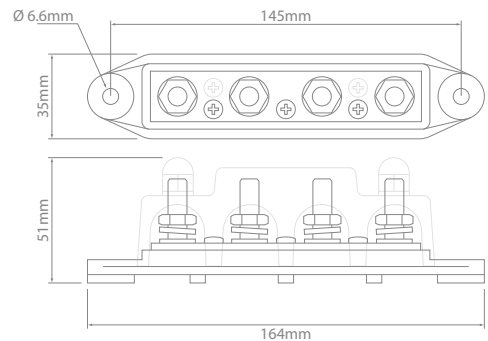


JB7704R



JB7704B

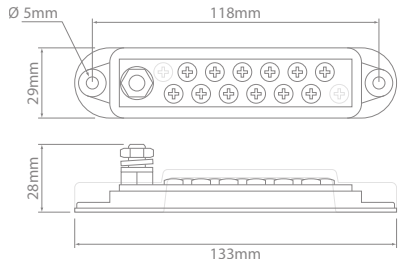
NEW



Terminal Busbars – 4 + 3 Point **NEW**

Colour	Current Rating (A)	Studs	Connection Points	Stud Height (mm)
Red				
JB7704R	250	4 x M8	3 x #8-32	43
Black				
JB7704B				

15A per #8-32 screw connection point (3 in total).



JB77012R

NEW

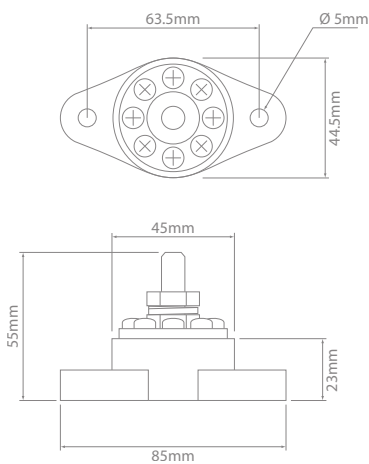


JB77012B

Terminal Busbars – 12 Point **NEW**

Colour	Current Rating (A)	Stud (Inches)	Connection Points	Stud Height (mm)
Red JB77012R	180	1 x 1/4"	12 x #8-32	28
Black JB77012B				

15A per #8-32 screw connection point (12 in total).
Supplied with terminal insulator.



JB77837R



JB77837B

Terminal Busbars – 8 Point

Colour	Current Rating (A)	Stud (Inches)	Connection Points	Stud Height (mm)
Red JB77837R	160	3/8" 16 UNC	8 x #8-32	55
Black JB77837B				

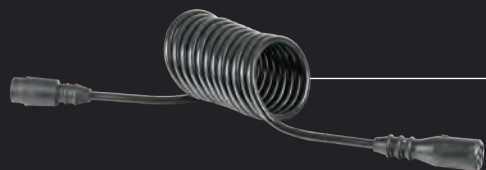
15A per #8-32 screw connection point (8 in total).



Truck, Trailer & Tail-Light



Truck, Trailer & Tail-Light



Suzi Coils **96**



Trailer Connectors **98**



Tail-Light Harnesses **104**

Truck, Trailer & Tail-Light

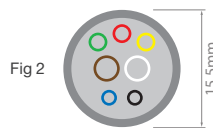
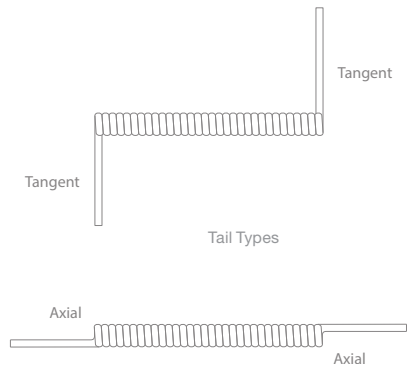
Suzi Coils



Made in Europe

- Superior resistance to abrasion, ozone, grease, oils and chemicals.
- Plugs are injection-moulded to the coil for maximum durability, excluding RC007.
- Broad operating temperature.
- All Suzi Coils with moulded plugs are 100% electronically tested.
- Made in Europe.

Operating Temperature : -40°C to 85°C



Suzi Coils – With Moulded Plugs – Hytrel Sheathing

Part No.	No. of Cores	Cores x mm ²	Plugs	Working Length (m)	Closed Coil Ø (mm)	Tail Type	Tail Lengths (mm)	Fig
RC009	7	7 x 2.5	N12 x 2	3	90	Axial & Tangent	1 x 200, 1 x 1000	1
RC011	7	7 x 2.5	N12 x 2	3	90	2 x Axial	2 x 200	1
RC023	7	7 x 2.5	N24 x 2	3	105	2 x Axial	2 x 200	1
RC024	7	7 x 2.5	N24 x 2	3	100	Axial & Tangent	1 x 200, 1 x 1000	1
RC025	7	7 x 2.5	N12 & N24	3	95	2 x Axial	2 x 200	1
RC003	7	2 x 6, 3 x 2.5, 2 x 1.5	N12 x 2	4	100	2 x Axial	2 x 200	2
RC006	7	2 x 6, 3 x 2.5, 2 x 1.5	N12 x 2	4	100	Axial & Tangent	1 x 200, 1 x 1000	2
RC030	7	1 x 6, 6 x 2.5	N24 x 2	4.5	110	2 x Axial	2 x 200	3
RC033*	7	1 x 6, 6 x 2.5	N12 & N24	3	90	Axial & Tangent	1 x 230, 1 x 230	3

Hytrel is a Dupont™ high performance engineering rubber.

* RC033 is a Volvo special.



Truck, Trailer & Tail-Light



Fig 1



Fig 2



Fig 3



Fig 4



RC032



Fig 5



Fig 6



Fig 7



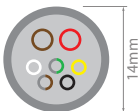
Fig 8



Fig 9

Suzi Coils – Without Plugs

Part No.	No. of Cores	Cores x mm ²	Working Length (m)	Closed Coil Ø (mm)	Tail Type	Tail Lengths (mm)	Sheathing	Fig
RC008	2	2 x 1	1.8	25	2 x Tangent	2 x 200	Polyurethane	1
RC037	2	2 x 1	6	25	2 x Tangent	2 x 200	Polyurethane	1
RC027	2	2 x 1.5	3	28	2 x Tangent	2 x 200	Polyurethane	2
RC028	2	2 x 2.5	3	25	2 x Tangent	2 x 200	Autoprene	3
RC013	7	7 x 0.5	3	20	2 x Tangent	2 x 200	Polyurethane	4
RC014	7	7 x 0.5	2	20	2 x Tangent	2 x 200	Polyurethane	4
RC026	7	7 x 0.75	3.6	28	2 x Tangent	2 x 200	Polyurethane	5
RC031	7	7 x 1.5	8	25	2 x Tangent	2 x 200	Polyurethane	6
RC032	7	1 x 2, 6 x 1	3	28	2 x Tangent	2 x 200	Polyurethane	7
RC001	13	2 x 2, 11 x 1	3	55	2 x Tangent	2 x 200	Polyurethane	8
RC010	7	7 x 2.5	8	100	2 x Axial	2 x 200	Hytrel	9
RC012	7	7 x 2.5	3	90	2 x Axial	2 x 200	Hytrel	9



RC007



RC022



RC033



ABS/EBS Plug



N12 Plug



RC022

Suzi Coils – Specialist

Part No.	No. of Cores	Cores x mm ²	Plugs	Working Length (m)	Closed Coil Ø (mm)	Tail Lengths (mm)	Tail Lengths (mm)	Sheathing
RC007 *	7	2 x 4, 5 x 1.5	ABS/EBS x 2	4.5	110	2 x Axial	2 x 200	Hytrel
RC022	7	7 x 0.75	N12 x 1	7.2	29	Tangent & Tangent	2 x 200	Polyurethane
RC033	7	1 x 6, 6 x 2.5	N12 & N24	3	90	Axial & Tangent	1 x 230, 1 x 230	Hytrel

* RC007 is 12V only.

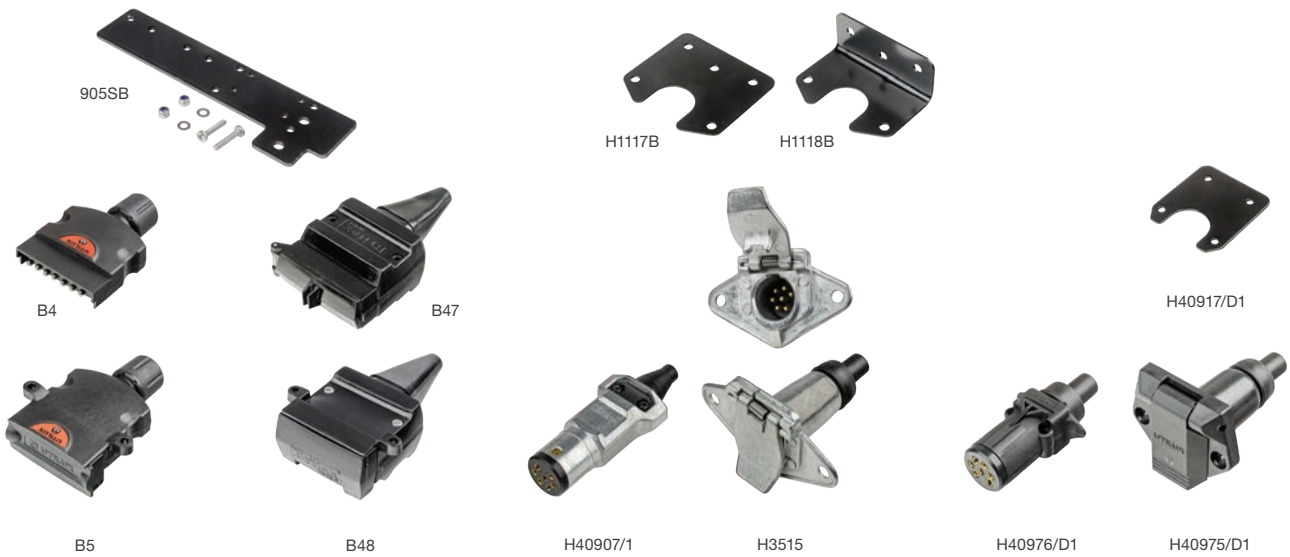


Truck, Trailer & Tail-Light

Trailer Connectors



- Ranges to suit cars & trucks.
- Specialised ABS/EBS connectors available.
- 16-720 & 16-730 feature weather-proof seal.



Trailer Connectors – Car

Part No.	Voltage	Type	Total Circuits	Material	Brackets to Suit
B4	12–24	Plug	7	Plastic	—
B5	12–24	Receptacle	7	Plastic	905SB
B47	12–24	Plug	12	Plastic	—
B48	12–24	Receptacle	12	Plastic	905SB
H40907/1	12–24	Plug	7	Metal	—
H3515	12–24	Receptacle	7	Metal	H1117B, H1118B
H40976/D1	12–24	Plug	7	Plastic	—
H40975/D1	12–24	Receptacle	7	Plastic	H40917/D1

Truck, Trailer & Tail-Light

Made in Europe



3000P/12V
3000P/24V



90° bayonet style
cable outlet



3004P/12V



3005P/24V



3001S/12V
3001S/24V



3002S/12V
3002S/24V



3003S/12V



3005S/24V

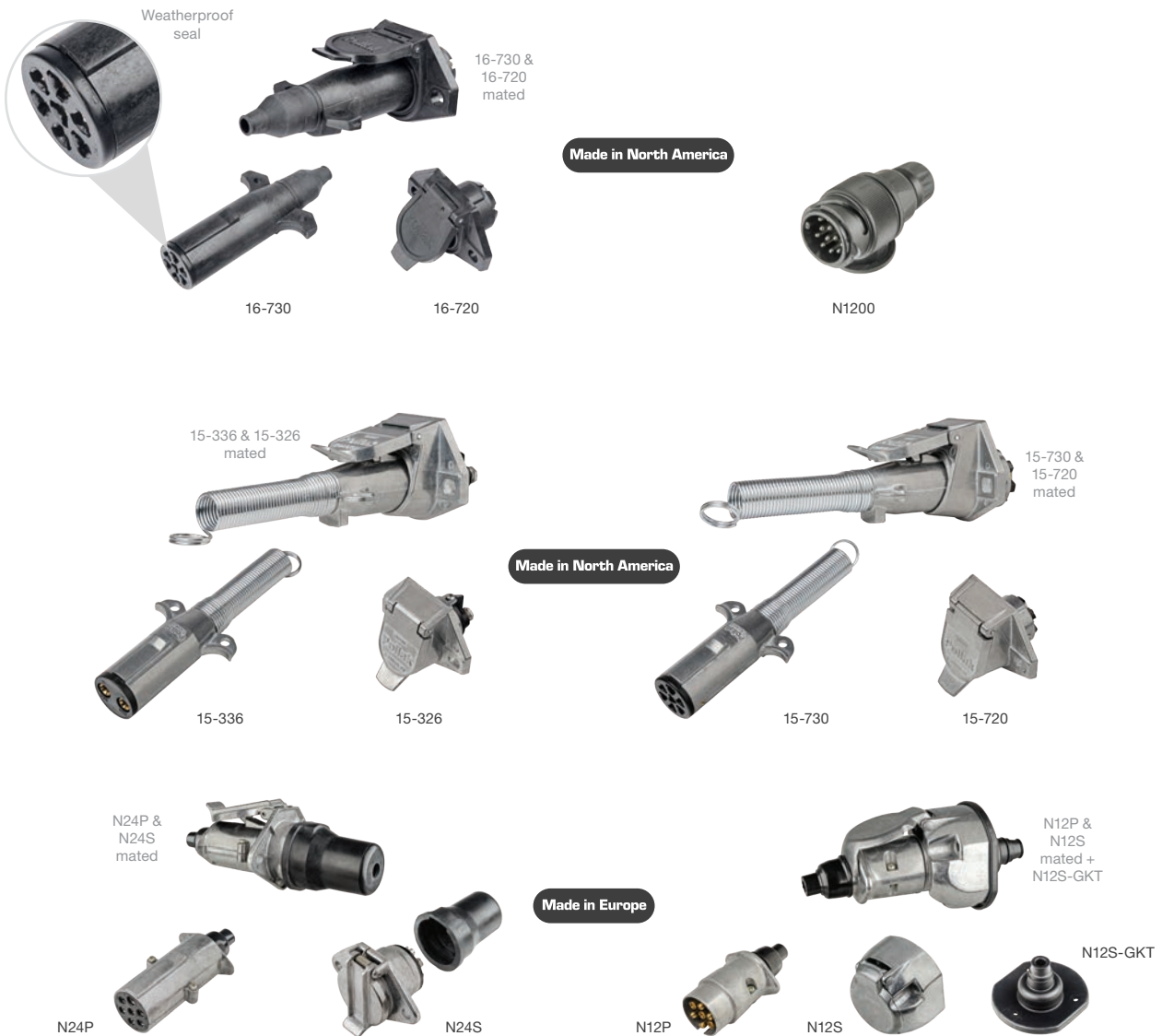
Trailer Connectors – ABS/EBS

Part No.	Voltage	Type	Total Circuits	Contact Configuration	Cable Ø (mm)	Cable Outlet		Contacts
3000P/12V	12	Plug	7	2 x 6mm ² & 5 x 1.5mm ²	15–17	Straight	Screw-On	Crimp
3000P/24V	24	Plug	7	2 x 6mm ² & 5 x 1.5mm ²	15–17	Straight	Screw-On	Crimp
3001S/12V	12	Receptacle	7	2 x 6mm ² & 5 x 1.5mm ²	15.5	Straight	Screw-On	Crimp
3001S/24V	24	Receptacle	7	2 x 6mm ² & 5 x 1.5mm ²	15.5	Straight	Screw-On	Crimp
3002S/12V	12	Receptacle	7	2 x 6mm ² & 5 x 1.5mm ²	15.5	90°	Bayonet	Crimp
3002S/24V	24	Receptacle	7	2 x 6mm ² & 5 x 1.5mm ²	15.5	90°	Bayonet	Crimp
3004P/12V	12	Plug	7	1 x 1.5mm ²	15–17	Straight	Screw-On	Screw
3003S/12V	12	Receptacle	7	1 x 1.5mm ²	15.5	Straight	Screw-On	Screw
3005P/24V	24	Plug	15	12 x 1.5mm ² & 3 x 2.5mm ²	11.5–14.5	Straight	Screw-On	Crimp
3005S/24V	24	Receptacle	15	12 x 1.5mm ² & 3 x 2.5mm ²	7–12	Straight	Bayonet	Crimp

ABS/EBS connectors supplied with contacts.



Truck, Trailer & Tail-Light



Trailer Connectors – Truck

Part No.	Voltage	Type	Total Circuits	Material	Description
16-730	12-24	Plug	7	Plastic	
16-720	12-24	Receptacle	7	Plastic	
N1200	12-24	Plug	13	Plastic	
15-336	12-24	Plug	2	Metal	200A
15-326	12-24	Receptacle	2	Metal	200A
15-730	24	Plug	7	Metal	
15-720	24	Receptacle	7	Metal	
N24P	24	Plug	7	Metal	
N24S	24	Receptacle	7	Metal	
N12P	12	Plug	7	Metal	
N12S	12	Receptacle	7	Metal	
N12S-GKT	Gasket to suit N12S				

Truck, Trailer & Tail-Light



Trailer Connectors – Military

Part No.	Voltage	Type	Total Circuits	Description	Outlet
6.00877.001	12-24	Receptacle	12	Metal Cover, Panel Mount Flange, Plastic Conduit Adaptor	NW17
6.00877.000	12-24	Receptacle	12	Metal Cover, Panel Mount Flange	NW17
6.00943.000		Metal Cover			
6.00879.000	24	Plug	12	ISO 11446	



Truck, Trailer & Tail-Light Connectors





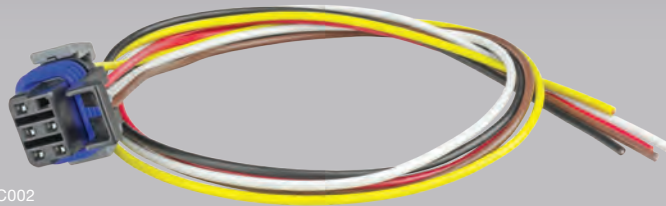
Truck, Trailer & Tail-Light

Tail-Light Harnesses



CKH-H001

- Plugs directly into existing harness.
- Suits a range of chassis including Toyota Hi-Lux, Land Cruiser, Ford Ranger and Mazda BT50.
- Sealed connectors.
- For ease of modification to O.E. rear lamp harness.



CKH-C002



CKH-R001



CKH-R002

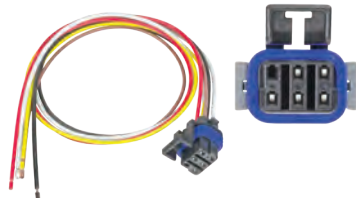


CK-001

Tail-Light Harness – Ford/Mazda

Part No.	Suits	Description	Kit Contents
CKH-R001	Ranger (cab/chassis)/BT50	Plug to Plug	
CKH-R002	Ranger (cab/chassis)/BT50	Plug to Tail	
CK-001	Ranger (cab/chassis)/BT50	Connector Kit	1 x Connector Housing, 6 x Seals, 6 x Contacts

600mm extension length.



CKH-C002



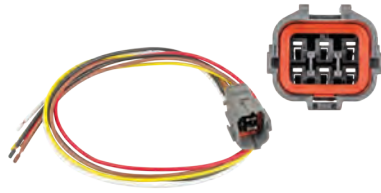
CK-007

Tail-Light Harness – GM/Chevrolet

Part No.	Suits	Description	Kit Contents
CKH-C002	Colorado	Plug to Tail	
CK-007	Colorado	Connector Kit	1 x Connector Housing, 6 x Seals, 6 x Contacts

600mm extension length.

Truck, Trailer & Tail-Light



CKH-D002



CK-002

Tail-Light Harness – Isuzu

Part No.	Suits	Description	Kit Contents
CKH-D002	D-Max	Plug to Tail	
CK-002	D-Max	Connector Kit	1 x Connector Housing, 1 x Retainer, 6 x Seals, 6 x Contacts

600mm extension length.



CKH-M002



CKH-M003

Tail-Light Harness – Mitsubishi

Part No.	Suits	Description
CKH-M002	Triton MN	Plug to Tail
CKH-M003	Triton MQ	Plug to Tail

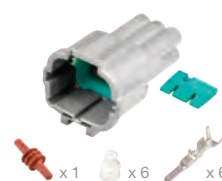
600mm extension length.



CKH-N002



CKH-N003



CK-004



CK-005

Tail-Light Harness – Nissan

Part No.	Suits	Description	Kit Contents
CKH-N002	Navara D40	Plug to Tail	
CKH-N003	NP300	Plug to Tail	
CK-004	Navara D40	Connector Kit	1 x Connector Housing, 1 x Retainer, 1 x Cavity Plug, 6 x Seals, 6 x Contacts
CK-005	NP300	Connector Kit	1 x Connector Housing, 1 x Retainer, 8 x Seals, 8 x Contacts

600mm extension length.



Truck, Trailer & Tail-Light



CKH-H001



CKH-H002



CK-006

Tail-Light Harness – Toyota

Part No.	Suits	Description	Kit Contents
CKH-H001	Hi-Lux & Land Cruiser	Plug to Plug	
CKH-H002	Hi-Lux & Land Cruiser	Plug to Tail	
CK-006	Hi-Lux & Land Cruiser	Connector Kit	1 x Connector Housing, 6 x Seals, 6 x Contacts

600mm extension length.



Truck, Trailer & Tail-Light

Choose one of the auxiliary wires to connect to the indicator on the opposite side of the vehicle, the other can be used for beacons, work lamps etc.



CKH-H101



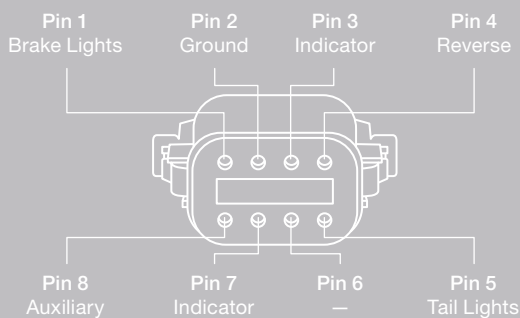
CKH-R101

Tail-Light Adaptor Harnesses

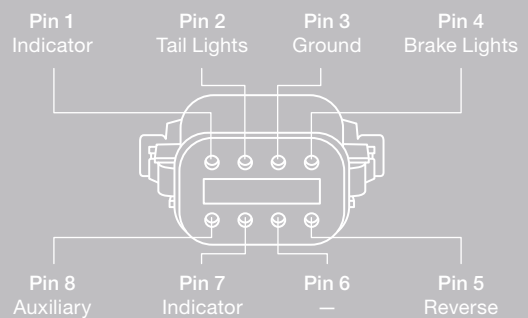
Part No.	Suits
CKH-H101	Land Cruiser & Toyota Hi-Lux
CKH-R101	Ford Ranger (cab/chassis)

400mm extension length.

TE DEUTSCH Connector Pin Layout 2016 on Land Cruiser 70 Series



TE DEUTSCH Connector Pin Layout 2016 on Toyota Hi-Lux & Ford Ranger



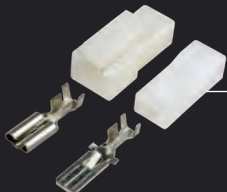
Miscellaneous



Miscellanies



DIN/Cigar Connectors **110**



Multi Pin Connectors **114**

Miscellanies

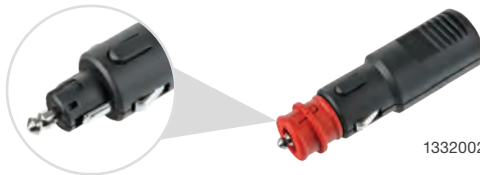
DIN/Cigar Connectors



- DIN and universal cigar size available.
- Brass contacts for greater conductivity.
- 1332002 incorporates strain relief.
- 1332002 removable cap allows both DIN and cigar connections.



1332001



1332002



1332003

DIN/Cigar Plugs

Part No.	Current Rating (A)	Type	Housing	Notes
1332001	12	DIN	Thermoplastic	
1332002	12	Cigar/DIN	Thermoplastic	Incorporates strain relief
1332003	8	DIN	Thermoplastic	



Plug & Socket

Part No.	Description	Voltage	Current Rating (A)
1336010	2 Pin. Stainless Steel	12 – 24	20



DIN/Cigar Sockets

Part No.	Current Rating (A)	Type	Voltage	Cap Style	Terminal Style	Housing	Mounting Ø (mm)
1331001	12	DIN	—	Spring Loaded	Parallel	Brass	18
1331002	12	DIN	—	—	Parallel	Brass	18
1331003	12	DIN	—	Press Fit	Parallel	Brass	18
1331004	12	DIN	—	Spring Loaded	Offset	Brass	18
1331011	12	DIN	—	—	Parallel	Thermoplastic	18
1331005	12	DIN	—	—	Screw	Aluminium	—
1331006	16 total	DIN	—	—	Parallel	Thermoplastic	—
1331007	16	DIN	—	—	Parallel	Thermoplastic	—
1331008	15	Cigar	—	Press Fit	Offset	Stainless Steel	28
1331009	—	Cigar	12	—	Offset	Stainless Steel	28
1331010	20	Cigar	—	Press Fit	Offset	Stainless Steel	28

Miscellanies



Sockets & Mounts

Part No.	Description	Voltage	Output
1336000	Volt Meter. Displays 6–29.9V	12–24	—
1336001	Socket – Power (cigar)	12–24	16A
1336002	Socket – Engel	12–24	15A
1336003	Socket – 5V Twin USB	12–24	2 x 2.1A
1336005 NEW	Socket – USB Type C & USB Type A	12–24	2 x 1.5A
1336M01	Surface Mount – Single		
1336M02	Surface Mount – Double		
1336M03	Surface Mount – Triple		
1336M05	Panel Mount – Double		
1336M06	Panel Mount – Single		

- SB50-FM-1ACC** NEW Flange mount bracket, 1 x 30mm accessory cutout. Suits 50A High Current Connectors
- SB50-FM-2ACC** NEW Flange mount bracket, 2 x 30mm accessory cutouts. Suits 50A High Current Connectors

Newsletter

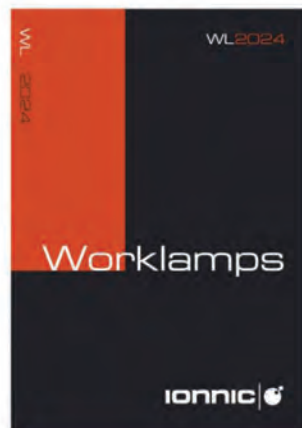
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Worklamps 2024

This new catalogue is now available to download from our website or you can request a printed copy from your local sales representative.

Included in this catalogue:

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- Nordic General Purpose LED.
- Nordic Heavy Duty HID.
- J.W. Speaker LED.
- IONNIC LED Worklamps.
- IONNIC LED Driving Lights.
- LED Interior Lighting.



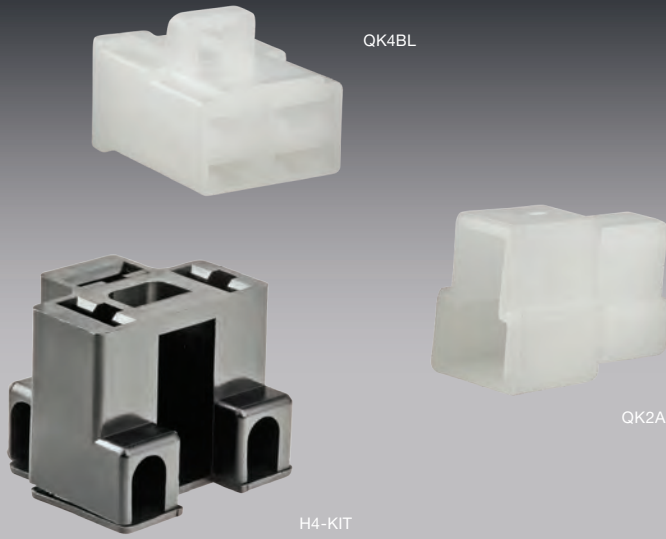
IONNIC Series 82 Worklamps

The Series 82 are equipped with high-output 5W Osram® LEDs, ensuring exceptional brightness and longevity, and constructed with a sturdy cast alloy body with stainless steel hardware, these worklamps are built to withstand even the toughest conditions.



Miscellanies

Multi Pin Connectors

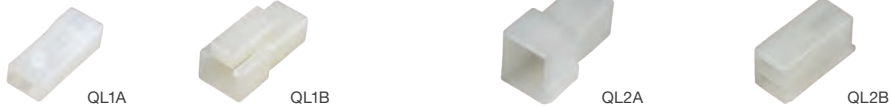


- All connectors are polarised (keyed) to prevent mismatching.
- QL connectors feature a positive locking latch which automatically engages on mating.
- QK connectors feature panel mounting tabs.
- Ideal for low voltage power supply needs.
- Universal EFI connector kit.



QL Series Kits – Kits

Cavities	1	2	Kit contents
Part No.	QL1	QL2	1 x Receptacle 1 x Plug Tabs and receptacles according to cavities



QL Series – Connectors – 8mm

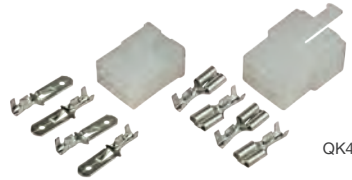
	1 Cavity	2 Cavities
Mating Latch	Yes	Yes
Receptacles	QL1A/10	QL2A/10
Plugs	QL1B/10	QL2B/10

Supplied in packs of 10.



QL Series – Contacts – 8mm

Pack Qty – 100	Blade Size (mm)	Type	Wire Size (mm ²)
66047BL2/100	8	Receptacle	3.0 – 5.0
66057BL2/100	8	Tab	3.0 – 5.0



QK Series Kits – Kits

Cavities	1	2	3	4	6	8	Kit contents 1 x Receptacle 1 x Plug Tabs and receptacles according to cavities
Part No.	QK1	QK2	QK3	QK4	QK6	QK8	



QK1ASL



QK1B



QK1BA



QK2A



QK3BL



QK6AL



QK8BLT

QK Series – Connectors – 6.3mm

Mating Latch	1 Cavity		2 Cavities		3 Cavities	4 Cavities	6 Cavities	8 Cavities
	Yes	No	Yes	No	Yes	Yes	Yes	Yes
Receptacles	QK1ASL/10	QK1A/10 QK1AA/10	QK2ASL/10 QK2A/10	QK3AL/10	QK4AL/10	QK6AL/10	QK8AL/10	
Plugs	QK1BSL/10*	QK1B/10 QK1BA/10	QK2BSL/10 QK2B/10	QK3BL/10	QK4BL/10	QK6BLT/10	QK8BLT/10	

Supplied in packs of 10.

* QK1BSL/10 housing requires 605001BL2 receptacle.



604501BL2



604502BL2



605001BL2



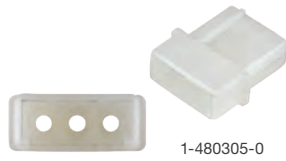
605501BL2, 605502BL2

QK Series – Contacts – 6.3mm

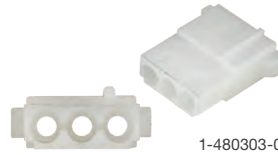
Pack Qty – 100	Blade Size (mm)	Type	Wire Size (mm ²)	Locking Tab
604501BL2/100	6.3	Receptacle	2.0 – 3.0	Yes
604502BL2/100	6.3	Receptacle	1.0 – 2.0	Yes
605001BL2/100	6.3	Receptacle	1.0 – 1.5	Yes
605501BL2/100	6.3	Tab	2.0 – 3.0	Yes
605502BL2/100	6.3	Tab	1.5 – 2.0	Yes



Miscellanies



1-480305-0



1-480303-0

TE MATE-N-LOK – Connectors

Part No.	Type	Cavities
1-480305-0	Receptacle	3
1-480303-0	Plug	3



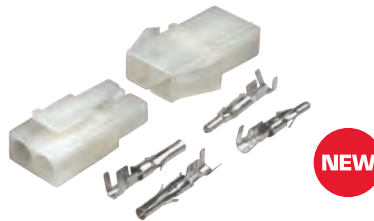
163304-2



163305-2

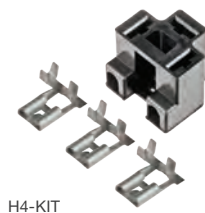
TE MATE-N-LOK – Contacts

Pack Qty – 10	Type	Wire Size (mm ²)
163304-2/10	Socket	0.5 – 1.0
163305-2/10	Pin	0.5 – 1.0



6007 Series Kit NEW

Part No.	Description	Current Rating (A)	Wire Size (mm ²)	Cable O.D. Range (mm)	Kit Contents
6007-2	2 circuit kit featuring locking latch. Rated up to 300V AC/DC, 1,500V AV/minute	15	0.2 – 2.0	2.0	1 x Plug 1 x Receptacle 2 x Pins 2 x Sockets



H4-KIT



3029

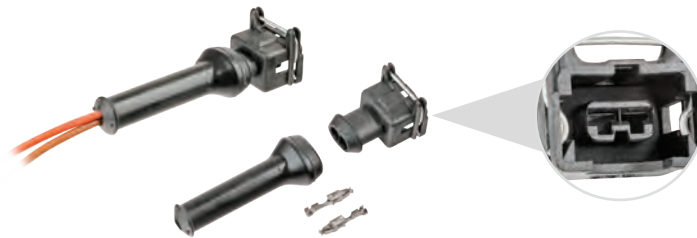
H4 Sealed Beam Connectors

Part No.	Description	Wire Size (mm ²)
H4-KIT	Kit contains 1 x Connector, 3 x 8mm Flag Contacts – Tin-plated	2.1
3029	Pre-wired. Bronze contacts. 200mm wire length	



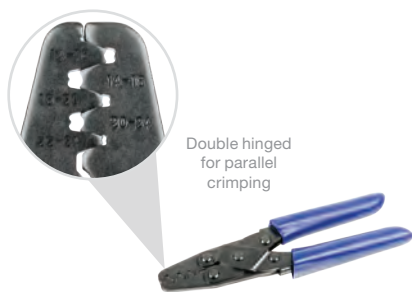
Temperature Sender Kit

Pack Qty - 10	Description	Blade Size (mm)	Wire Size (mm ²)
TSKIT/10	Kit contains 1 x Connector, 1 x 6.3mm Contact	6.3	0.8 - 1.5

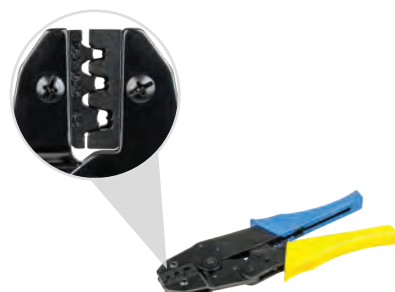


EFI Connector Kit

Part No.	Description	Kit Contents
EFI-2-QR	Quick release connector kit suiting injectors & vehicle sensors	1 x Connector housing 1 x Rubber Extension 2 x Sockets (925590-2)



HT-4220



HT-4560

Multi Pin Connectors – Crimpers

Part No.	Description	Crimp Range (mm ²)
HT-4220	—	0.2–0.3, 0.3–0.5, 0.5–0.8, 0.8–1.3, 1.3–2.0
HT-4560	Ratcheting	0.5–1, 1.5–2.5, 4–6



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000EP	71	1331007	111	50133	35	776487-1	40	C1925B	90
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000SP	71	1331009	111	50201P/10	34	776494-1	40	C1933R	89
000TEN	71	1331010	111	50201S/10	34	776495-1	40	C1938	90
000TEP	71	1331011	111	50202P/10	34	7814000/10	50	C1938-1	90
00EN	71	1332001	110	50202S/10	34	7814011/10	47	C1938-1R	90
00EP	71	1332002	110	50203P/10	34	7814038/10	47	C1938R	90
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The IONNIC website – for all the most up to date products and info

The image displays two screenshots of the IONNIC website. The top screenshot shows the homepage with a navigation menu (Home, Lighting, Safety, Electrical, Contact Us) and a search bar. A large banner features the IONNIC logo and 'DEUTSCH' branding, identifying IONNIC as the official distributor for Deutsch Industrial in Australia. Below the banner are three main product categories: LIGHTING (Products to help you see or be seen from IONNIC, Nordic Lights & Vision Alert), SAFETY (Reverse in safety with bbs-tek® white sound reversing alarms & CCTV systems), and ELECTRICAL (Electrical components & systems from Class1, Schlemmer, Carlingswitch & DEUTSCH). A footer contains links for IONNIC (About Us, Terms of Use, Privacy Policy), Product Categories (Lighting, Safety, Electrical), Catalogues (PDF Downloads), Reseller Info (Product Updates, Warranty Statement), Site Search (Site Map), and a 'Subscribe to our Product Updates' form.

The bottom screenshot shows a product page for the 'Programmable Switch Panel'. The left sidebar lists categories: LIGHTING, SAFETY, and ELECTRICAL, with sub-categories like Cable, Connectors, Wiring Accessories, and Switches. The main content area features a 'Switches - Switching Systems' section with icons for Programmable Switch Panel, Electronic Switch Module, Radio Remote Control, Rollover Switch, Tipover, Voltage Sensor, Headlights On Units, and Hand Brake Alarm Module. The 'Programmable Switch Panel' is highlighted, leading to a video player for the 'IONNIC ICS Switch Panel'. The video player includes a play button, 'Watch later', and 'Share' options. The video thumbnail shows the ICS Switch Panel, a grey rectangular device with multiple buttons labeled 'STOP', 'LEFT', 'RIGHT', 'HORN', 'FLARE', 'ALARM', 'PARK', 'PULL', 'BACK', 'EXIT', 'LOCK', 'UNLOCK', 'HORN', 'FLARE', 'ALARM', 'PARK', 'PULL', 'BACK', 'EXIT', 'LOCK', 'UNLOCK'. The footer of this page is identical to the homepage screenshot.

Check out videos on a range of products



ionnic.com

General Information

CON2024 Version 3.0 – 05/2024

This reference manual supersedes all previous editions.

Auto Electrical Imports Pty. Ltd. reserves the right to change, or discontinue products or specifications without notice.

All data and assistance is given as a general guide only and the final decision on suitability and application must be with the customer.

Warranty Statement

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Disassembly or modification of products may void warranty.

Warranty claims may only be returned by prior arrangement.

For a full statement outlining our warranty visit www.ionnic.com/warranty-statement.

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