

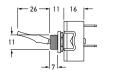
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Toggle Switch - Off-On









6EH 905 361-022	4456	OFF-ON
Mounting	13mm diameter opening.	
For Panels	Up to 6mm thick.	
Maximum Load	15A @ 12V 7.5A @ 24V	

Toggle Switch - On-Off-On

Toggle switch, suitable for controlling direction indicator lamps.



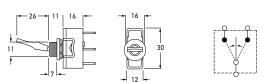


6FG 905 346-002	4202	ON-OFF-ON
Mounting	13mm diameter opening.	
For Panels	Up to 6mm thick.	
Maximum Load	15A @ 12V 7.5A @ 24V	

Momentary Spring Return Switch - (0n)-0ff-(0n)

Momentary on-off-on, spring return aerial switch. Flick toggle with spring return to centre.





6EH 905 361-032	4460	(ON)-OFF-(ON)
Mounting	13mm diameter opening.	
For Panels	Up to 6mm thick.	
Maximum Load	15A @ 12V 7.5A @ 24V	

Headlamp Switch - Off-On-On

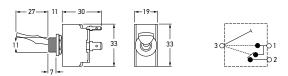
Three position switch:

Upper = Off

Centre = Position lamps

Lower = Headlamps and position lamps

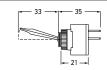




6FG 905 343-012	4056	OFF-ON-ON
Mounting	13mm diameter opening.	
For Panels	Up to 6mm thick.	
Maximum Load	20A @ 12V 10A @ 24V	

Plastic Toggle Switch









6EH 905 361-002	4453	OFF-ON
Mounting	13mm diameter opening.	
For Panels	Up to 6mm thick.	
Maximum Load	8A @ 12V	



6EH 905 359-002

2 terminal

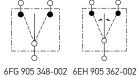
Mounting



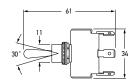


12mm diameter opening.

3 terminal



3 terminal





6EH 905 359-002	4451	OFF-ON
6FG 905 348-002	4302	ON-OFF-ON
6EH 905 362-002	4461 (Momentary spring return)	(ON)-OFF-(ON)

For Panels	Up to 5mm thick.	
Maximum Load	20A @ 12V 10A @ 24V	

Metal Shaft Toggle Switch



6EH 905 359-002



		30	10
6EH 905 361-101	4203	OFF-ON	
Mounting	12mm diameter opening.		
For Panels	Up to 5mm thick.		
Maximum Load	15A @ 12V 7.5A @ 24V		

Metal Shaft Toggle Switch - Off-On



Aircraft Style Switch Cover - Red

Red aircraft style switch cover to prevent accidental switch operation.



9HB 905 360-101	4455		RED
To Suit	6EH 905 359-002	6EH 905 361-101	

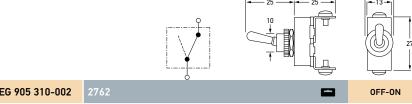


Toggle Boot

To be used with toggle switches.



6EH 905 360-002	4452				
6EH 905 360-007	4452BULK				PACK OF 10
To Suit	Toggle switch	6FG 905 348-002	6EH 905 359-002	6EH 905 3	362-002



	\ 	\bigcup		
6EG 905 310-002	2762		OFF-ON	
Mounting	11mm diameter opening.			
For Panels	Up to 6mm thick.			
Maximum Load	15A @ 12V 7.5A @ 24V			
Toggle hoot 6FH 905 360-002 does not fit this switch				



Chrome toggle and face nut. Brass construction.



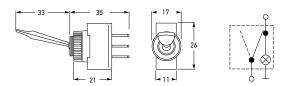
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Illuminated Toggle Switch, Off-On - 12 Volt





6EG 905 354-012 6EG 905 354-032



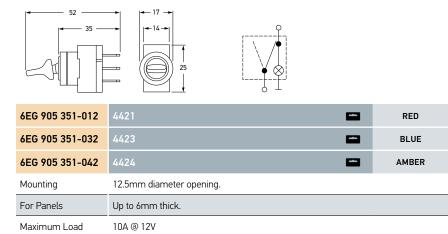
6EG 905 354-002	4433	RED
6EG 905 354-012	4434	GREEN
6EG 905 354-032	4436 -	BLUE
Mounting	12.5mm diameter opening.	
For Panels	Up to 6mm thick.	
Maximum Load	10A @ 12V	
Suitable for 12V only, Bu	ılb not replaceable.	

Illuminated Duckbill Switch, Off-On - 12 Volt



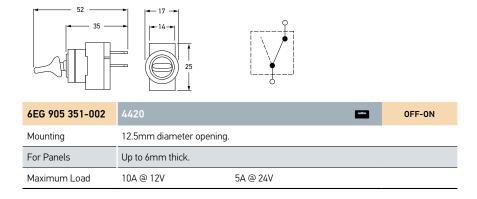


6EG 905 351-032 6EG 905 351-042



Duckbill Switch





Illuminated Toggle Switch, On-Off-On

Three position latching switch for indicators. Illuminates green.



25 15 + 25 - 25 - 42 - 17-	32	K L R L 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	R ′	Bulb Included
6FG 905 347-002	4206			ON-OFF-ON
Mounting	19mm diameter op	pening.		
For Panels	Up to 2mm thick.			
Maximum Load	6A @ 12V			
Bulb to Suit	12V	8GP 002 095-081		

Suitable for 12V only. Bulb not replaceable.

Mounting

For Panels

Maximum Load

10A @ 12V

6EH 905 357-002 6EH 905 357-002 OFF-ON 6FH 905 357-032 ON-ON 20mm diameter opening. Up to 4mm thick.

Rocker Switch

Panel push fit.









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	1	

Illuminated Rocker Switch,

Off-On - 12 Volt

Panel push fit.

6EH 905 357-012	4445	AMBER	
6EH 905 357-022	4446	RED	
Mounting	20mm diameter opening.		
For Panels	Up to 4mm thick.		
Maximum Load	10A @ 12V		
Suitable for 12V only. Bulb not replaceable.			



6EH 905 357-022







Off-On -	12	Volt
Panel nush	fit	

LED Rocker Switch,

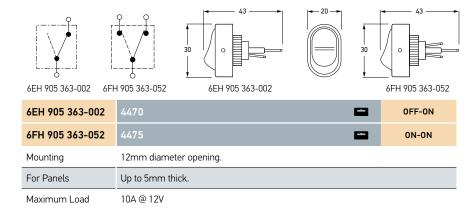


6EH 905 357-042	4448		RED
Mounting	20mm diameter opening.		
For Panels	Up to 4mm thick.		
Maximum Load	10A @ 12V		
Suitable for 12V only. LED included, not replaceable.			

Rocker Switch



6FH 905 363-052



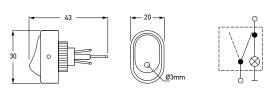
LED Rocker Switch, Off-On - 12 Volt







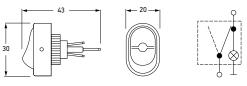
6FH 905 363-112



6FH 905 363-092	4479	2	AMBER
6FH 905 363-112	4481	2	RED
Mounting	12mm diameter opening.		
For Panels	Up to 5mm thick.		
Maximum Load	10A @ 12V		
Suitable for 12V only. LED included, not replaceable.			

Illuminated Rocker Switch, Off-On - 12 Volt





6EH 905 363-012	4471	AMBER	
Mounting	12mm diameter opening.		
For Panels	Up to 5mm thick.		
Maximum Load	10A @ 12V		
Suitable for 12V only. Bulb not replaceable.			









6EH 905 352-012	4427	RED	
6EH 905 352-022	4428	GREEN	
6EH 905 352-032	4429	BLUE	
6EH 905 352-042	4430	AMBER	
Mounting	29 x 12mm opening.		
Maximum Load	10A @ 12V		
Suitable for 12V only. Bulb not replaceable.			

Illuminated Rocker Switch, Off-On - 12 Volt

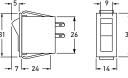
Panel push fit.





6EH 905 352-022 6EH 905 352-032 6EH 905 352-042

31 7 - 24



6EH 905 352-002	4426	OFF-ON
Mounting	29 x 12mm opening.	
Maximum Load	10A @ 12V 5A @ 24V	

Rocker Switch - Off-On

Panel push fit.



Heavy Duty Rocker Switch

Extremely robust rocker switch featuring push-on terminals and weather resistant black plastic housing. Panel push fit.

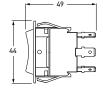




6FH 905 364-012



6FH 905 364-002





6FH 905 364-012 & 6GH 905 364-022

6FH 905 364-002	4482	OFF-ON
6FH 905 364-012	4483	ON-OFF-ON
6GH 905 364-022	4484 (Momentary spring return)	(0N)-0FF-(0N)
Mounting	20 x 36mm opening.	
For Panels	Up to 4mm thick.	
Maximum Load	25A @ 12V 12.5A @ 24V	







6FH 905 364-002 6FH 905 364-012 6GH 905 364-022

LED Illuminated Rocker Switch, Off-On - 12 Volt

Panel push fit.



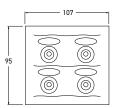


6EH 980 321-011 6EH 980 321-021



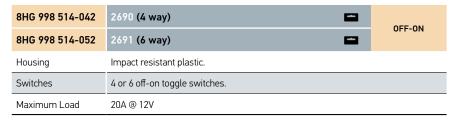


6EH 980 321-001	4486A —	AMBER	
6EH 980 321-011	4486G	GREEN	
6EH 980 321-021	4486R —	RED	
Mounting	20 x 35mm opening.		
For Panels	Up to 4mm thick.		
Maximum Load	10A @ 12V		
Suitable for 12V only. LED included, not replaceable.			

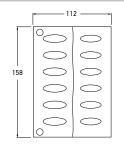


Compact Switch Panel

Splash proof switch panel protected with neoprene rubber boots. Inline fuse holders with fuses behind panel.

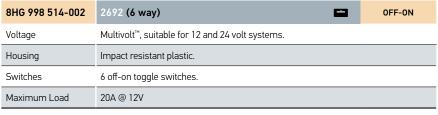






Switch Panel, LED Backlight

Splash proof switch panel featuring LED backlit labels. Protected by neoprene rubber boots. Removable cover plate over switches conceals screws.



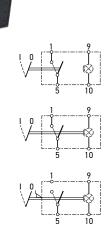


HELLA Universal Rocker Switches HELLA universal flush-fit rocker switches are readily adaptable to 12 and 24V applications. This large and varied range covers nearly all switching types and connections. A wide selection of symbols ensures proper labelling of all main switching and monitoring functions. The switching and control displays can be illuminated. Mounting Mounted directly to properly dimensioned opening (1 - 2.5mm thick) or by mounting panels (for more information see page 218). Maximum Load 16A @ 12V, 8A @ 24V. Connectors, symbols, mounts and bulb holders are to be purchased separately.



 $Location\ lamp\ illuminates\ lamp\ with\ park\ lights.\ Pilot\ lamp\ illuminates\ when\ switch\ is\ in\ the\ 'on'\ position.$

ON-OFF SWITCHES				
Part Number	Part Number Symbol Description			
6EH 007 832-011	LOCATION	Suitable for use with location light.		
6EH 007 832-021	PILOT	Corinalis for the state of the	ON-OFF	
6EH 007 832-021	LOCATION	Suitable for use with location and pilot light.	UN-UFF	
6EH 007 832-041	PILOT	With mechanism for blocking operation. Suitable for use with location light		
0EH 007 632-041	LOCATION	and pilot light.		



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1011	1.7.2	8 9

MOMENTARY SPRING RETURN SWITCHES			
6GM 007 832-191	SM 007 832-191 LOCATION Suitable for use with location light.		OFF-(ON)
6GM 007 832-251	LOCATION	Suitable for use with location light.	(ON)-OFF-(ON)

CHANGE-OVER SW	ITCHES			
Part Number	Symbol	Description	Function	
6FH 007 832-061	LOCATION	Suitable for use with location light.	- ON-ON	
6FH 007 832-101	PILOT	Suitable for use with location light	- UN-UN	
0.1.007.002.101	LOCATION	and pilot light.		
6FH 007 832-161		Without location light, without pilot light.	ON-OFF-ON	
6RH 007 832-351	PILOT	Suitable for use with location light		
	LOCATION	and pilot light.		
RH 007 832-377	PILOT	Suitable for use with location light		
	LOCATION	and pilot light.	OFF-ON-ON	
RH 007 832-391	LOCATION	Max. load 16A @ 12V, 8A @ 24V. Suitable for use with location light, without pilot light.	- UFF-UN-UN	
6RH 007 832-441	LOCATION	Suitable for use with location light.	-	
6RH 007 832-411	LOCATION	Suitable for use with location light.	OFF-ON- MOMENTARY ON	
6HH 007 832-281	PILOT	Max. load 10A @ 12V and 24V. Without location light. Includes pre-fitted 12V bulb. Hazard flasher switch.	HAZARD	

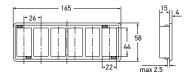




See page 219 for the range of coloured symbols.

Accessories for Switches in Model Range 007 832-...





MOUNTING PANELS				
8HG 713 626-001	(156.1 x 48.2mm)	SIX SWITCHES		
8HG 714 504-001	(77.6 x 48.2mm)	THREE SWITCHES		



	_	8HG 716 734-001	8HG 716 735-001	
		MODULAR MOUNTING-PAN	EL SYSTEM	
	8HG 716 734-001		END PIECE	
3		8HG 716 735-001		MIDDLE PIECE
716 734-001	8HG 716 735-001	Two end pieces are required to	make a mounting panel.	

Two end pieces are required to make a mounting panel. By adding middle pieces, this panel can be extended as required.



8HG 716 734-001



BLANKING PLUG FOR EMPTY SWITCH APERTURES

9HB 713 629-001



BULB





Sida	view
Side	

WARNING LIGHTS			
2AA 713 628-021			12 VOLT
2AA 713 628-031			24 VOLT
2AA 713 628-041	(LED)		12/24 VOLT
Bulbs to Suit	12V 24V	8GP 002 095-122 8GP 002 095-243	





D.	
9FF 713 627-011	9FF 713 627-031 (LED)

WARNING LIGHTS			
9FF 713 627-001			12 VOLT
9FF 713 627-011			24 VOLT
9FF 713 627-031	(LED)		12/24 VOLT
Bulbs to Suit	12V 24V	8GP 002 095-122 8GP 002 095-243	





8JA 715 600-001 8KW 905 512-032

CONNECTORS		
8JA 713 631-001	(For switch)	8 POLE
8JA 715 600-001	(For bulb holder)	2 POLE
8KW 905 512-032	8573 (For connectors - Pack of 100)	BRASS TERMINALS

SYMBOL CARDS FOR	SWITCHES	007 832			
Part Number	Symbol	Symbol Card	Part Number	Symbol	Symbol Card
9XT 713 630-001	Green	Without symbol	9XT 714 300-201	= +	Battery
9XT 713 630-011	Black	Without symbol	9XT 713 630-181	4	Window lift
9XT 713 630-021	Red	Without symbol	9XT 713 630-101	∇	Windscreen
9XT 713 630-031	Yellow	Without symbol	9XT 713 630-121	\bigoplus	Window wiper/wash
9XT 713 630-301	∌D	Light	9XT 713 630-131	₩	Windscreen wash
9XT 714 300-131	≣D	Main beam	9XT 713 630-521	© [€]	Defroster
9XT 713 630-421	₽D	Work lamp front	9XT 713 630-461		Air horn
9XT 713 630-701	<u>Q</u> \$	Work lamp rear	9XT 713 630-201	000	Heater
9XT 714 300-141	\$\$	Flasher lamp	9XT 713 630-221	%	Heater fan
9XT 713 630-391		Warning lamp	9XT 713 630-691	1999	Slow
9XT 713 630-371	j,	Work light	9XT 713 630-551	□ ►	Front door
9XT 713 630-281	Ĭ	Rotating beacon	9XT 713 630-561	2 ▶	Rear door
9XT 713 630-711	Ĭ	Rotating beacon	Fan		
9XT 714 300-011	(P)	Parking brake	9XT 713 630-251		Fast
Interior Lighting					
9XT 713 630-271	杰	High			

Momentary Spring Return Switch - Off-(On)

Off-momentary on push button (spring return).



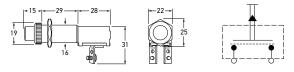


6JF 905 371-101	4507	OFF-(ON)
Mounting	12mm diameter opening.	
For Panels	Up to 4mm thick.	
Maximum Load	6A @ 12V	

Momentary Spring Return Push Button Starter Switch - Off-(On)

Brass construction. Chrome plated face nut and button. Off-momentary on push button (spring return).



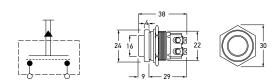


6JF 905 311-002	2763 OFF-(C	ON)
Mounting	16mm diameter opening.	
For Panels	Up to 25mm thick.	
Maximum Load	20A @ 12V 10A @ 24V	

Momentary Spring Return Push Button Switch - Off-(On)

Off-momentary on push button (spring return) switch.



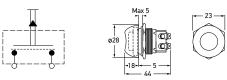


6JF 001 571-004	4501	OFF-(ON)
Mounting	22mm diameter opening.	
For Panels	Up to 6mm thick.	
Maximum Load	16A @ 12V 8A @ 24V	

Momentary Spring Return Push Button Switch - Off-(On)

Water resistant push button type switch with rubber cap. Off-momentary on push button (spring return).





6JF 001 571-152	4503	OFF-(ON)
Mounting	23mm diameter opening.	
For Panels	Up to 2mm thick.	
Maximum Load	16A @ 12V 8A @ 24V	
Do not remove rubber co	ap/front face nut when fitting.	

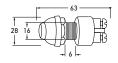
Momentary Spring Return Push Button Switch - Off-(On)

Water resistant starter switch.

Off-momentary on push button (spring return).

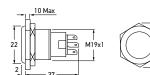








6JB 905 371-002	4506	OFF-(ON)
Mounting	16mm diameter opening.	
For Panels	Up to 10mm thick.	
Maximum Load	60A @ 12V 40A @ 24V	



12 VOLT		24 VOLT		
8HG 958 455-001	8HG 958 455-101 RED		RED	
8HG 958 455-011	-	8HG 958 455-111		BLUE
Mounting	19mm diameter opening.			
Maximum Load	5A			
Protection	IP 67 (Protection against dust and temporary water immersion)			
For Panels	Up to 10mm thick.			
Accessories	8KB 990 258-021 S	Switch pigtail loom		

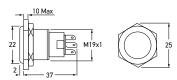


8KB 990 258-021

Stainless Steel Latching Switch with LED Ring - Off-On

Exterior durable, 304 stainless steel switches featuring a ring of LED light. These through panel mount switches are ideal for switching lighting or installing into custom switch panels. The light rings may be wired to show power to a system or signal circuit activation.





12 VOLT		24 VOLT		
8HG 958 455-201	8HG 958 455-301 RED			RED
8HG 958 455-211		8HG 958 455-311	-	BLUE
Mounting	19mm diameter opening.			
Maximum Load	5A			
Protection	IP 67 (Protection against dust and temporary water immersion)			
For Panels	Up to 10mm thick.			
Accessories	8KB 990 258-021	8KB 990 258-021 Switch pigtail loom		



8KB 990 258-021

Stainless Steel Momentary Switch with LED Ring - Off-(On)

Exterior durable, 304 stainless steel switches featuring a ring of LED light. These through panel mount switches are ideal for switching lighting or installing into custom switch panels. The light rings may be wired to show power to a system or signal circuit activation.



12 VOLT		24 VOLT		
8HG 958 456-001		8HG 958 456-101		RED
Mounting	19mm diameter opening.			
Sound Level	>80dB (1m)			
Protection	IP 50 (Protection against dust)			
For Panels	Up to 10mm thick.			

Stainless Steel Buzzer with LED Ring

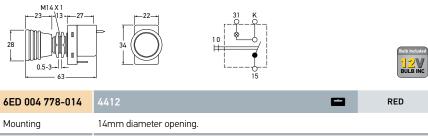
Exterior durable, 304 stainless steel warning buzzer to match stainless steel switches (above). Also feature a ring of LED light.



Illuminated Switch - Off-On

Knob incorporates red or green pilot lamp.



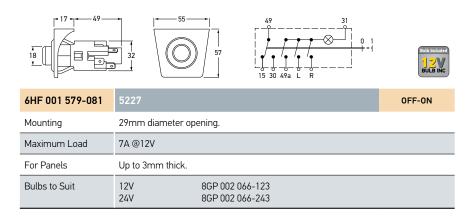


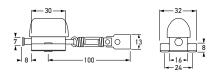
Modriting	14mm diameter op	rannin diameter opening.		
For Panels	Up to 6mm thick.			
Maximum Load	10A @ 12V 5A @ 24V			
Bulb to Suit	12V 24V	8GP 002 095-122 8GP 002 095-243		

Hazard Warning Switch

For cars, trucks, buses with and without trailers. Black plastic mounting panel. Red knob with pilot lamp. Includes 8 pole multiple adaptor. Push-on 6mm terminals supplied. Wiring diagram and instructions are included.





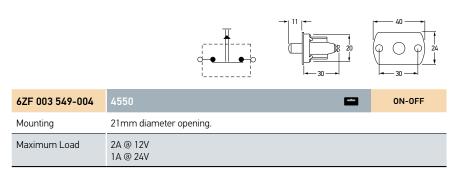


6DD 905 374-002	4560	OFF-ON
Maximum Load	10A @ 12V 5A @ 24V	

Stop Lamp Switch - Off-On

Normally open, contacts are closed when tension is applied to the spring. Complete with splash proof rubber cap. Brake linkage clamp 6mm diameter.

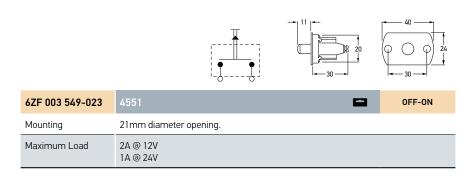




Door Contact Switch - On-Off

Switch closes circuit if door is opened.

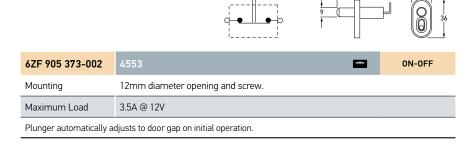




Door Contact Switch - Off-On

Switch opens circuit if door is opened. May be used as safety cut-off switch.

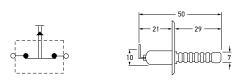




Door Contact Switch - On-Off

Switch closes circuit if door is opened. Corrosion proof black plastic. Rubber seal. Push-on terminal.





6ZF 905 373-011	4554	ON-OFF
Mounting	10mm diameter opening and screw.	
Maximum Load	5A @ 12V	

Door Contact Switch - On-Off

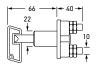
Extended arm which may be cut to length to suit opening.



Battery Master Switch

Suitable for cars and medium sized trucks. Complete with removable key. For interrupting circuits (prevents theft and short circuit).







6EK 002 843-052	4650		OFF-ON	
Mounting	22mm diameter op	pening		
Maximum Load	12V 24V	1000A for up to 10 seconds. 500A for up to 10 seconds.		
Maximum Continuous Load	12/24V - 50A at a maximum ambient temperature of 80°C with 35mm² lead, connected with ring-type terminals.			
Termination	2 x M10 studs.			
Spare Part	9SL 706 729-013	Spare key		
Switch not designed for Marine applications.				

Battery Master Switch

Suitable for cars and medium sized trucks. Complete with removable key.







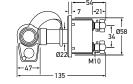
6EK 998 540-002	4640		OFF-ON	
Mounting	Recess or surface mount.			
Maximum Load	12/24V 1250A for up to 10 seconds			
Maximum Continuous Load	12/24V	275A		
Termination	2 x M10 studs.			
Spare Part	9SL 980 832-001	Spare key		

Battery Master Switch

Suitable for cars and medium sized trucks, with a continuous rating of 250 amps.

Provides effective protection against theft and fire in case of accidents. With sealing cap when not in use which doubles as a key holder.

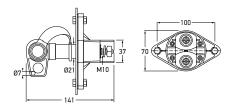






6EK 002 843-141	4649		OFF-ON
Mounting	22mm diameter opening.		
Maximum Load	24V 2000A for 5 seconds		
Maximum Continuous Load	12/24V	250A	
Termination	2 x M10 studs.		
Protection	IP 65 (Protection against dust and water jets)		



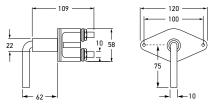


6EK 002 843-121	4648	OFF-ON	
Mounting	21mm diameter opening.		
Maximum Load	24V 2500A for 10 seconds		
Maximum Continuous Load	12/24V	500A	
Termination	2 x M10 studs.		
Protection	IP 65 (Protection against dust and water jets)		

High Capacity Battery Master Switch

Suitable for trucks and other commercial machinery, with a high continuous rating of 500 amps. Provides effective protection against theft and fire in case of accidents. With sealing cap when not in use which doubles as a key holder.





6EK 001 559-001	4653 □ OFF-ON		OFF-ON	
Mounting	22mm diameter o	22mm diameter opening.		
Maximum Load	12V 24V	5000A for 10 seconds 2500A for 10 seconds		
Maximum Continuous Load	12/24V	100A continuous at a maximum ambient ten 60°C with 50mm² lead connected with ring-t	•	
Termination	2 x M10 studs.			
Protection	IP X4 (Protection against water splashing)			
Spare Part	9SL 042 991-003	Spare key		
Switch not designed for Marine applications.				

Heavy Duty Battery Master Switch

For trucks, buses and earth moving equipment. Complete with removable key.

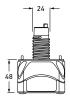


Battery Master Switch

- Threaded Collar

Battery master switch with threaded collar. Suitable for cars and medium sized trucks. Complete with removable key, labelled handle and removable back cover. For interrupting circuits (prevents theft and short circuit).









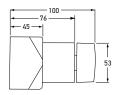
1GJ 980 833-001	4722	OFF-ON	
Mounting	Recess or surface mount. 24mm diameter opening.		
Maximum Load	12/24V	12/24V 1250A for up to 10 seconds.	
Maximum Continuous Load	12/24V	275A	
Termination	2 x 10mm stud	S.	
Protection	IP 56 (Protection against solid foreign objects up to 1mm and powerful water jets)		

Remote Operated Battery Master Switch

Battery switch with tin-plated copper studs and nuts. Can be operated manually or remotely with a separate switch (not supplied). Suitable for mounting alongside battery reducing cable lengths to starter motor. Complete with removable key and 3 way DTM plug.





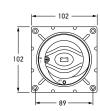


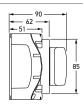
6EN 980 835-001	4724			OFF-ON
Mounting	Recess or surface mount. 53mm diameter opening.			
Voltage	12/24V			
Power Consumption	2W @ 12V when operating, 0.25W static.			
Maximum Load	12/24V 1250A for up to 10 seconds.			
Maximum Continuous Load	12/24V	275A		
Termination	2 x 10mm studs.			
Cable Length	500mm			

Heavy Duty Battery Master Switch

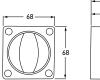
For commercial use. Features sliding contact for self cleaning.







6EK 998 540-062	4720	OFF-ON	
Mounting	Recess or surface mount. 85mm diameter opening.		
Maximum Load	12/24V 2500A for up to 10 seconds.		
Maximum Continuous Load	12/24V	600A	
Termination	2 x 12mm studs.		
Protection	IP 56 (Protection against solid foreign objects up to 1mm and powerful water jets)		



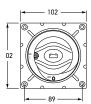
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68	48
68	

2SL 980 834-001	4723	OFF-B1-B0TH-B2	
Mounting	Recess or surf	ace mount.	
Maximum Load	12/24V	1000A for up to 10 seconds.	
Maximum Continuous Load	12/24V	200A	
Termination	3 x 5/16" studs	5.	
Protection	IP 56 (Protection against solid foreign objects up to 1mm and powerful water jets)		

Battery Selector Switch

Battery switch to select either from two power sources or combine together. Will also isolate from the power sources.







6EB 998 540-202 OFF-B1-B0TH-B2 Mounting Recess or surface mount. 85mm diameter opening. Maximum Load 12/24V 1500A for up to 10 seconds Maximum Continuous Load 12/24V 350A Termination 3 x 10mm studs. Protection IP 56 (Protection against solid foreign objects up to 1mm and powerful water jets)

Battery Selector Switch

Battery switch to select either from two power sources or combine together. Will also isolate from the power sources.



ACCESSORII

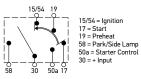
Diesel Pre-heating Starter Switch

Pre-heating starter switch supplied with two keys. Key removes in park and off.









6JB 003 959-001	4005
Mounting	27mm diameter opening.
For Panels	Up to 3.5mm thick.
Function	5 position switch (park, off, driving, pre-heat, start).

TERMINAL	POSITION	FUNCTION	CURRENT @ 24V
30-58	Р	Park Lamps	4A
30-15/54	1	Driving	18A
30-19	2	Preheat	35A
30-50a/17	3	Start	5A/35A

Ignition and Starter Switch

Switch with spring loaded return. Supplied with two keys.



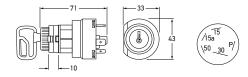


6JB 950 505-002	4008		
Mounting	19mm diameter opening.		
For Panels	Jp to 19mm thick.		
Maximum Load	@12V ignition 25A, start 12A, accessory 15A.		
Spare Part	Blank key number Silica BH4.		
Function	Four position switch (accessory, off, ignition, start).		

Heavy Duty Ignition and Starter Switch

Heavy duty ignition and starter switch, featuring plastic outer construction for maximum protection against damage. Supplied with two keys.



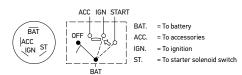


6JK 905 339-002	4008HD
Mounting	19mm diameter opening.
For Panels	Up to 10mm thick.
Maximum Load	@12V park 20A, ignition 20A, start 25A.
Function	Four position switch (park, off, ignition, start). Key removes in park and off.

Ignition and Starter Switch

Four position switch with spring loaded return. Four screw terminals.

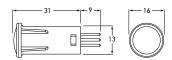




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6JB 905 313-002	2766
Mounting	21mm diameter opening.
For Panels	Up to 25mm thick.
Maximum Load	@12V ignition 5A, start 5A, accessory 10A.
Function	Four position switch (accessory, off, ignition and start)





2AA 905 300-002	2708	RED
2AA 905 300-012	2709	GREEN
2AA 905 300-022	2710	BLUE
2AA 905 300-032	2711	AMBER
Mounting	12.5mm diameter opening.	
Voltage 12V		
Suitable for 12V only. Bulb not replaceable.		

Pilot Lamp - 12 Volt

Panel push fit pilot lamp with non-replaceable bulb. See below for function descriptions.



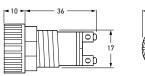


2AA 905 300-012 2AA 905 300-022 2AA 905 300-032



AMBER

Fog lamps





2AA 905 301-002	2712	RED
2AA 905 301-012	2713	GREEN
2AA 905 301-022	2714	BLUE
2AA 905 301-032	2715	AMBER
Mounting	17mm diameter opening	

•		
Bulbs to Suit	12V 24V	8GP 002 068-123 8GP 002 068-244

Pilot Lamp

Pilot lamp utilizing bayonet based bulb for use under heavy duty conditions. See below for function descriptions.

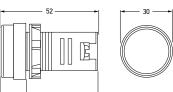






2AA 905 301-012 2AA 905 301-022 2AA 905 301-032

FUNCTION DESCRIPTIONS Ignition, handbrake and hazard RED warning lamps Indicator lamps GREEN BLUE Main beam and auxiliary headlamps



52	30
14 - 38	

LED Pilot Lamp

Heavy duty multi-chip LED pilot lamp featuring shock-resistant one-piece construction for long service life and polycarbonate lens. See left for function descriptions.





2AA 910 233-032 2AA 910 233-012



2AA 910 233-022

2AA 910 233-042	2716	RED
2AA 910 233-102	271624V	KED
2AA 910 233-032	2717	GREEN
2AA 910 233-092	271724V	OREEN
2AA 910 233-012	2718	AMBER
2AA 910 233-062	271824V	AMBER
2AA 910 233-022	2720	BLUE
2AA 910 233-072	272024V	BLUE
Mounting	22mm diameter opening.	
For Panels	Up to 38mm thick.	
Voltage	12V or 24V AC/DC	
Protection	IP 65 (Protection against dust and water jets) when installed.	

Trailer Connector Wiring Specifications

Cable Entry View





7 Pole Socket

7 Pole Plug

Front View





7 Pole Flat Socket

7 Pole Flat Plug

7 POLE CONNECTOR WIRING SPECIFICATIONS		
Terminal Number	imber Connect to	
1	Left-hand flasher lamps	
2	Reversing lamps (optional)	
3	Earth return	
4	Right-hand flasher lamps	
5	5 Service brakes (or Auxiliary, optional)	
6	Stop lamps	
7	Rear position, number plate and clearance lamps	
Where service brakes are not fitted, terminal no.5 may be used for auxiliaries.		

7 Pole Flat Socket

Impact resistant, UV stabilised plastic spring loaded lid. Nickel plated contacts for excellent electrical performance.



8JB 910 032-011	4920	-
8JB 910 032-017	4920BULK	PACK OF 50
Maximum Load	20A @ 12V (total) 10A @ 24V (total)	

7 Pole Flat Plug

Impact resistant, UV stabilised plastic. Nickel plated contacts for excellent electrical performance.



8JA 910 032-001	4921	
8JA 910 032-007	4921BULK	PACK OF 50
Maximum Load	20A @ 12V (total) 10A @ 24V (total)	

7 Pole Round 12V Spiral Cable



8KA 004 797-021	
Material	Polyurethane with alloy plugs
Cable	6 x 1.0mm² + 1 x 1.5mm²
Cable Length	Up to 4.0m
Compliance	ISO 1724 / ISO 6722

7 Pole Plastic Socket

Black plastic socket with removable contact set. 8JB 001 943-081 with disconnecting contact for rear fog or rear parking sensors.

8JB 001 943-004	4901	
Maximum Load	16A @ 12V with 1.5mm² cable (total).	25A @ 12V with 2.5mm² cable (total).
Accessory	9GD 735 641-002 Gasket with cable exi	t





8JA 001 930-004	4902	-
Maximum Load	16A @ 12V with 1.5mm² cable (total).	25A @ 12V with 2.5mm² cable (total).

7 Pole Plastic Plug

Black plastic plug with strain relief.



8JB 001 939-004	4909	
Maximum Load	16A @ 12V with 1.5mm² cable (total).	25A @ 12V with 2.5mm² cable (total).

7 Pole Plastic Socket

Simply stores in boot until required. Requires no permanent bumper mounting.



8JA 001 918-005	4911		
8JA 001 918-007	4911BULK		PACK OF 25
Maximum Load	16A @ 12V with 1.5mm² cable (total).	25A @ 12V with 2.5r	nm² cable (total).

7 Pole Metal Plug

Solid metal plug with cable strain relief.



8JB 001 941-006	4912		-
8JB 001 941-007	4912BULK		PACK OF 25
Maximum Load	16A @ 12V with 1.5mm ² cable (total). 25A @ 12V	with 2.5m	ım² cable (total).

7 Pole Metal Socket

Solid metal socket with removable contact set.





7 Pole Heavy Duty Metal Socket with Screw Terminals - N Type



8JB 003 833-003	4907	SOCKET
Maximum Load	15A @ 24V with 1.5mm² cable (total) 20A @ 24V with 2.5mm² cable (total)	
Cable	Suitable for cable 9.5 - 12.5mm in diameter.	
Compliance	ISO 1185	

7 Pole Heavy Duty Metal Plug with Screw Terminals - N Type



8JA 003 831-003	4908	PLUG
Maximum Load	15A @ 24V with 1.5mm² cable (total) 20A @ 24V with 2.5mm² cable (total)	
Cable	Suitable for cable 9.5 - 12.5mm in diameter.	
Compliance	ISO 1185	

13 Pole (7 + 6) WeST Plug



8JA 005 951-061		PLUG
Maximum Load	15A @ 12V with 1.5mm² cable (Total)	
Cable	Suitable for 11.5 - 14.0 mm in diameter.	
Compliance	ISO 11446	

13 Pole (7 + 6) WeST Socket



8JB 005 949-031		SOCKET
Maximum Load	15A @ 12V with 1.5mm² cable (Total)	
Compliance	ISO 11446	
Note: Can be used with standard 7 pole plugs.		

terminals

5/7 Pole ABS Socket

Made of black fibreglass reinforced nylon.

8JB 007 645-021		CRIMP	
8JB 007 645-031		SCREW	
Mounting	54mm diameter opening.		
Maximum Load	25A @ 24V (total)		
Cable	Suitable for cable 9 - 16mm in diameter.		
Spare Parts	9MK 726 762-831 Crimp contact set – 5 x 1.5mm², 2 x 4.0mm², 2 x 6.0mm², 2 x Blanks.		



5/7 Pole ABS Plug

Made of black fibreglass reinforced nylon.



8JA 007 644-041 CRIMP 8JA 007 644-051 SCREW Maximum Load 25A @ 24V (total) Spare Parts 9MK 726 759-831 Crimp contact set - 5 x 1.5mm², 2 x 4.0mm², 2 x 6.0mm², 2 x Blanks. Cable Suitable for cable 11 - 13mm in diameter.

Plug-in Socket Tester - 24V

Designed for testing ABS sockets.



8PD 004 508-031

8KA 007 648-021			7 PIN
Cable	7 Pin	5 x 1.5mm ² + 2 x 4.0mm ²	
Cable Length	Up to 4.0m		

7 Pole EBS Spiral Cable - 24 Volt

Spirally coiled cable with 2 plugs and guard grommets. Extremely resistant to high and low temperatures as well as weathering. High resistance to oils and chemicals. Made to withstand repeated bending.



13 Pole Socket



8JB 005 949-001		SOCKET
Maximum Load	16A @ 24V with 1.5mm² cable (total) 25A @ 24V with 2.5mm² cable (total)	
Compliance	ISO 11446	

13 Pole Plug



8JA 005 951-001		PLUG
Maximum Load	16A @ 24V with 1.5mm² cable (total) 25A @ 24V with 2.5mm² cable (total)	
Compliance	ISO 11446	

13 Pole to 7 Pole Adaptors

Adaptors for connecting a 13 pole vehicle socket with a 7 pole trailer plug.



8JA 005 952-001	
Maximum Load	16A @ 12V (total)
To suit late model vehicl	es with 13 pole plugs to standard round 7 pole, 250mm long.



8JA 005 952-121	
Maximum Load	16A @ 12V (total)
To suit late model vehicl	les with 13 pole plugs to standard flat 7 pole, 250mm long.

15 Pole Plastic Plug

Plastic plug with rubber gasket and nickel-plated pins. Featuring fibre glass reinforced polyamide housing and mechanical strain relief. Secure arrest with rust resistant metal bail (ISO 12 098).

8JA 007 241-021		SCREW
8JA 007 241-031		CRIMP
Maximum Load	16A @ 24V with 1.5mm² cable (total) 25A @ 24V with 2.5mm² cable (total)	
Cable	Suitable for cable diameter measuring 12 - 18mm.	



8JB 007 242-011 SCREW 8JB 007 242-021 CRIMP Maximum Load 16A @ 24V with 1.5mm² cable (total) 25A @ 24V with 2.5mm² cable (total) Cable Suitable for cable diameter measuring 12 - 18mm.

15 Pole Plastic Socket

Plastic socket with lid, rubber gasket and nickel-plated pins. Featuring fibre glass reinforced polyamide housing. PC gland for cable exit.



15 Pole Spiral Cable - 24 Volt

Spirally coiled cable with 2 plugs and guard grommets. Extremely resistant to high and low temperatures as well as weathering. Maximum resistance to oils and chemicals. Made to withstand repeated bending.





Parking Socket for EBS Plugs

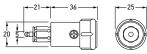
8HG 007 647-001	
Mounting	54mm diameter opening



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2 Pole Plug

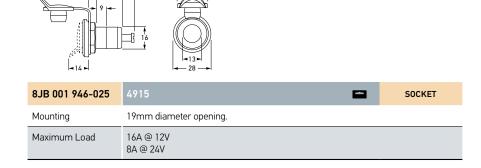




8JA 002 262-004	4914				PLUG
Maximum Load	16A @ 12V 8A @ 24V				
Sockets to Suit	8JB 001 946-025	8JB 004 777-012	8JB 004 123-006	8JB 9	05 388-002

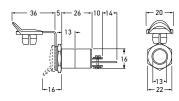
2 Pole Socket with Cover





2 Pole Socket with Cover - Insulated Earth

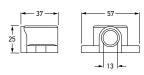




8JB 004 777-012	4916	SOCKET
Mounting	19mm diameter opening.	
Maximum Load	16A @ 12V 8A @ 24V	

2 Pole Surface Mount Socket

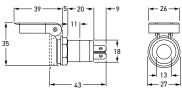




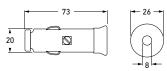
8JB 004 123-006	4917	SOCKET
Mounting	Surface mount.	
Maximum Load	16A @ 12V 8A @ 24V	

2 Pole Socket with Metal Earth Tab and Cover





8JB 905 388-002	4918	-	SOCKET
Mounting	22mm diameter opening.		
Maximum Load	16A @ 12V 8A @ 24V		

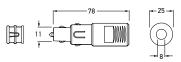


8JA 905 395-002	4950	PLUG
Maximum Load	8A @ 12V 4A @ 24V	
Socket to Suit	8JB 008 023-051	

2 Pole Power Plug

Suitable for standard cigarette sockets.



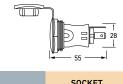


8JA 007 589-004	4952		ı		PLUG
Maximum Load	8A @ 12V				
Sockets to Suit	8JB 001 946-025 8JB 008 023-051	8JB 004 777-012	8JB 004 123-006	8JB 90	5 388-002

2 Pole Fused Power/DIN Plug

Combination lighter/DIN 2 pole plug with in-built 8A ceramic type fuse suitable for both cigarette lighter and DIN ISO 4165 sockets (standard 2 pole sockets).





		55
8JB 008 023-051	4943R	SOCKET
Maximum Load	15A @ 12V	

2 Pole Power Socket

2 pole lighter size power socket with protective cover for connection of a variety of electrical accessories.



Super Tone Horn - Set of 2

Traffic blaster, generates a penetrating strong tone. Robust housing in a first-class design with striking grille. 3AG 003 399-081 also suitable for off-road use.

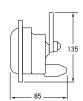


3AG 003 399-801



3AG 003 399-081 Rear view





3AG 003 399-801	6036 (2 Horns)		•	12 VOLT
3AG 003 399-081	6037 (2 Horns)		•	12 VOLI
3AG 003 399-101	603724V (2 Horns)		•	24 VOLT
Power Consumption	3AG 003 399-801 3AG 003 399-081 3AG 003 399-101	66W x 2 78W x 2 84W x 2		
Frequency	3AG 003 399-801 3AG 003 399-081	3AG 003 399-101	300/500Hz 375/500Hz	
Sound Level	118dB			



3AG 003 399-801 Packaging



3AG 003 399-081/...101 Packaging

Twin Tone Scroll Horn - Set of 2



Packaging

3FH 007 424-801	6004 (2 Horns)		•	12 VOLT
Power Consumption	72W x 2			
Voltage	12V			
Frequency	High Tone Low Tone	500Hz 400Hz		
Sound Level	Combined 110dB	@ 2.0m		

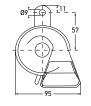
Twin Tone Scroll Horn - Set of 2

Galvanised metal housing and plastic trumpet. Safe from corrosion.





Packaging





3FH 007 728-831	6005 (2 Horns)		•	12 VOLT
Power Consumption	72W x 2			
Voltage	12V			
Frequency	High Tone Low Tone	500Hz 400Hz		
Sound Level	Combined 110dB	@ 2.0m		

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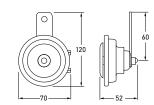
Low and High Tone Disc Horns

Single bolt mount. 92mm diameter.

LOW TONE		HIGH TONE		
3AL 002 952-013	6001	3AL 980 315-001	6003	12 VOLT
3BA 002 768-383	6002	3AL 980 315-021	6020	24 VOLT
Power Consumption	72W			
Frequency	Low tone High tone	335Hz 435Hz		
Sound Level	110dB @ 2.0m			

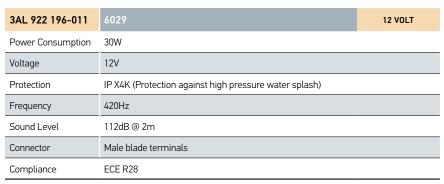


Certified ECE CERTIFIED



S70 Compact Horn

Single bolt mount.





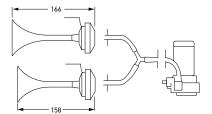
Dual Trumpet Air Horn Kit

Installation accessories included.





Blister packaging



3PB 003 001-651	6014	-	12 VOLT
3PB 003 001-661	6027		24 VOLT
Mounting	Installation accessories included.		
Current Draw	20A @ 12V 10A @ 24V		
Frequency	840/795Hz		
Sound Level	117dB		
Operating Pressure	110Kpa (16psi)		

Vacuum Pump UP28

The UP28 vacuum pump can be triggered on demand to support the brake booster. If the combustion engine does not supply sufficient vacuum under certain operating conditions, i.e. cold start/warming up phase, the UP28 supplies the vacuum to ensure brake booster operation.

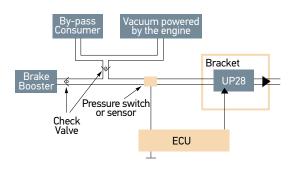
The UP28 is installed parallel to the main combustion engine. The UP28 sucks in filtered air via the brake booster and flexible pipes. To enable accurate pressure measurement by the control unit, non-return pressure valves are installed (see diagram). The electric contact between the UP28 and the control unit is established via a cable equipped with an engine compartment plug attached to the vacuum pump.

The braking system is one of the most important systems in any vehicle. To ensure that a constant and effective brake power is accessible at all times, the use of a vacuum pump is often necessary. Most vehicle brake boosters use a vacuum that is generated by the naturally aspirated engine. Current engine development projects mainly aim to increase the efficiency of drive concepts and further conserve resources. Substantially lower fuel consumption can be achieved by e.g. running the engine as unthrottled as possible, which under certain operating conditions, may result in an insufficient vacuum supply from the combustion engine for brake boost.

8TG 009 428-087	
Operating Temperature Range	– 40 °C + 100 °C (< 20 min. up to + 120 °C)
Voltage	10.5 - 16V DC
Maximum Vacuum Level	≥ 86% (Below ambient pressure level)
Pressure build-up time at 100 hPa ambient pressure, 12V	$p_{abs} = 500$ mbar in $t \le 6$ sec $p_{abs} = 300$ mbar in $t \le 12$ sec
Test volume	Approx. 3.2 l
Pump Operating Time	> 600 hours
Switching Operations	> 450,000



OPERATION DIAGRAM







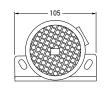
3SL 980 316-031	6050SA	77-97dB
Mounting	Integrated universal mounting bracket for upright, pendant or su	urface mounting.
Voltage	12-24V	
Current Draw	Less than 1A.	
Frequency	White noise/broadband.	
Sound Level	77-97 ± 4dB @ 1.2m	
Temperature	Operating range -40 to 85°C.	
Protection	IP 68 (Protection against dust and water immersion)	
Compliance	SAE J994 (€	

Broadband Reversing Alarm

Reversing alarm with multi-frequency broadband sound.









Broadband Reversing Alarm

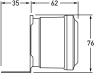
Reversing alarm with multi-frequency broadband sound.



3SL 980 316-021	6052	97dB	
Mounting	Integrated universal mounting bracket for upright, pendant or s	urface mounting.	
Voltage	12-24V		
Current Draw	Max. 0.5A		
Frequency	White noise/broadband.		
Sound Level	97 ± 4dB @ 1.2m		
Other specifications as 3SL 980 316-031			







3SL 980 316-001	6042	87dB
3SL 905 415-001	6043	97dB
3SL 905 415-011	6044	112dB
Mounting	Universal mounting comes complete with heavy-gauge plated mounting bracket. Can be installed on positive and negative gro	
Voltage	12-48V	
Current Draw	Less than 0.20A	
Frequency	80 signals per minute +/- 20%	
Sound Level	3SL 980 316-001 87dB @ 1.2m 3SL 905 415-001 97dB @ 1.2m 3SL 905 415-011 112dB @ 1.2m	
Temperature	Operating range -40°C to 74°C	
Protection	Protection against dust and high pressure washing	
Compliance	SAE J994	

Evacuator Plus Heavy Duty Reversing Alarm

The Evacuator Plus heavy duty reversing and warning alarm features a lightweight piezoelectric output circuit.

The housing is constructed of high impact ABS plastic resin and is environmentally sealed against moisture, dust and corrosion. Evacuator Plus reversing and warning alarms are steam cleanable.



3SL 980 316-001



3SL 905 415-001 3SL 905 415-011

Heavy Duty Reversing Alarm

Heavy duty reversing alarm with integral AMP connection and fixed sound pressure levels of 97/107dB @ 1.2 metres. Epoxy encapsulated circuit boards offer protection against humidity, dirt and vibration.





8KA 990 258-011







3SL 009 148-011	6009	97dB
3SL 009 148-021	6010	107dB
Mounting	Integrated universal mounting bracket for upright, pendant or su	urface mounting.
Voltage	12-24V	
Current Draw	3SL 009 148-011 0.2A 3SL 009 148-021 0.3A	
Frequency	60 signals per minute (± 20%).	
Sound Level	3SL 009 148-011 97 ± 4dB @ 1.2m 3SL 009 148-021 107 ± 4dB @ 1.2m	
Temperature	Operating range -40°C to 85°C.	
Protection	IP 66 (Protection against dust and high pressure washing)	
Spare Part	8KA 990 258-011 Plug and lead	
Compliance	SAE J994	

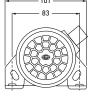
Heavy Duty Reversing Alarm

Heavy duty reversing alarm with integral AMP connection. Automatically adjusts sound pressure level to changing noise environments. Solid state electronics, self-adjusting to the minimum of 5dB above surrounding noise levels effectively reducing irritation. Epoxy encapsulated circuit boards offer protection against humidity, dirt and vibration.







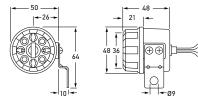






3SL 009 148-101	6013	82-102dB
Mounting	Integrated universal mounting bracket for upright, pendant or su	urface mounting.
Voltage	12-24V	
Current Draw	0.4A	
Frequency	60 signals per minute (± 20%).	
Sound Level	82 - 102 ± 4dB @ 1.2m	
Temperature	Operating range -40°C to 85°C.	
Protection	IP 66 (Protection against dust and high pressure washing)	
Spare Part	8KA 990 258-011 Plug and lead	
Compliance	SAE J994	





		→ 1101 ←	→I I < 09
3SL 950 751-012	6023		12-36 VOLT
Current Draw	Less than 50mA.		
Sound Level	89 +/- 2dB (at 1.2m)		

Multivolt™ Reversing Alarm

Durable intermittent reversing alarm. Easily fitted to any car or truck's reversing lamp wiring system or wire to a switch on your dashboard.



MULTI VOLT

3SL 905 415-031	6048	87-112dB AUTO
Mounting	Universal mounting brackets.	
Voltage	12-24V	
Current draw	Less than 0.50A	
Frequency	80 signals per minute.	
Sound level	87 to 112dB @ 1.2m	
Temperature	-40°C to 77°C	
Protection	IP 55 (Protection against dust and water jets)	
Compliance	SAE J994	

Reversing Alarm

Durable intermittent reversing alarm. Easily fitted to any car or truck's reversing lamp wiring system or wire to a switch on your dashboard.





3SL 905 415-041	6049	107/112dB MANUAL
Mounting	Universal mounting brackets.	
Voltage	12-24V	
Current draw	Less than 0.8A	
Frequency	80 signals per minute.	
Sound level	107 or 112dB @ 1.2m	
Temperature	-40°C to 77°C	
Protection	IP 55 (Protection against dust and water jets)	
Compliance	SAE J994	
Reactor alarms comply with SAE J994 requirements and OSHA regulations.		

Reversing Alarm

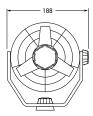
Durable intermittent reversing alarm. Easily fitted to any car or truck's reversing lamp wiring system or wire to a switch on your dashboard.

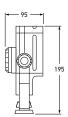


Turbo Fan

Turbo fans provide high capacity at low power consumption. Features include impact resistant housing, low-noise operation and soft plastic impellers, shielded by sturdy protective grille for added safety. Fans can be turned in all directions, and locked in position. Airflow can be regulated by two-stage switch.







8EV 003 361-002		12 VOLT
8EV 003 361-022	White	12 VOLI
8EV 003 361-012		24 VOLT
Power Consumption	6.5W	
Cable Length	Pre-wired with 140mm of cable.	
Min. Service Life	5000 hours (tested under extreme conditions)	

Circuit Tester

Circuit Tester for quick fault tracing in vehicle electrical systems. Sturdy metal construction with screw-off cap and testing needle.



8PD 003 798-001	7013
Bulb to suit	24V (M243)
Suits	6, 12 and 24V applications



CRIMPING TOOL - INSULATED TERMINALS

8PE 905 478-012

8271

Specially designed for the handyman and hobbyist, a useful crimping tool that cuts cable, strips cable insulation and crimps all popular insulated terminals.





CRIMPING TOOL - INSULATED TERMINALS

8PE 905 478-021

8272

Spring return hand grips. Cuts and strips insulation from cable measuring 2.5-6mm in diameter (0.75-6mm²). Crimps all popular insulated and non-insulated terminals. Cuts bolts with metric threads M2.6, M3, M3.5, M4, M5.





CRIMPING TOOL - INSULATED TERMINALS

8PE 905 479-001

8273

Adjustable ratchet mechanism and spring release ensures a perfect crimp every time for insulated terminals.





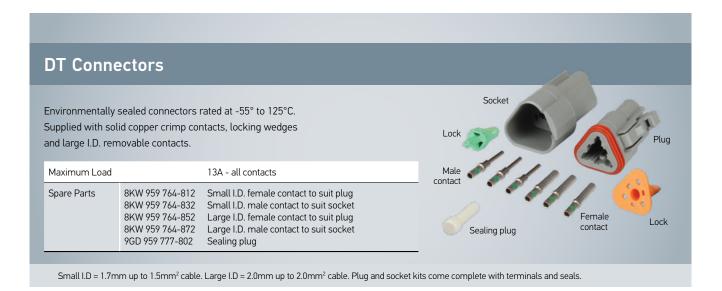
CRIMPING TOOL - NON-INSULATED TERMINALS

8PE 905 479-021

8274

Adjustable ratchet mechanism and spring release ensures a perfect crimp every time for open barrel non-insulated terminals.





2 Pole Plug and Socket

Supplied with 4 solid copper crimp contacts and 2 locking wedges. Bulk pack supplied with 2 pole connectors and contacts to suit.



2 POLE PLUG AND S	2 POLE PLUG AND SOCKET		
8KW 959 772-821	4960		
2 POLE PLUG			
8JA 959 772-811	4960MF	PACK OF 10	
2 POLE SOCKET			
9MK 910 095-002	4960FM	PACK OF 10	
2 POLE PLUG KIT			
8JA 959 736-811	4960P		

3 Pole Plug and Socket

Supplied with 6 solid copper crimp contacts and 2 locking wedges.



8KW 959 772-851

4 Pole Plug and Socket

Supplied with 8 solid copper crimp contacts and 2 locking wedges.



8KW 959 772-861

246

6 Pole Plug and Socket

Supplied with 12 solid copper crimp contacts and 2 locking wedges.



8KW 959 774-821 4963
6 PIN PLUG KIT

8JA 959 736-801 4963P

8 Pole Plug and Socket

Supplied with 16 solid copper crimp contacts and 2 locking wedges.

8KW 959 774-831 4964



12 Pole Plug and Socket

Supplied with 24 solid copper crimp contacts and 2 locking wedges.



8KW 959 774-841

4965

CRIMPING TOOL - DT TERMINALS

8PE 980 837-001

8275

Specially designed crimping tool with multiple jaws for an even crimp of DT terminals.



CRIMPING TOOL - DT TERMINALS

8PE 910 118-011

Capable of crimping both male and female DT terminals.



Visual Inspection Checklist

- √ NO damaged wire strands.
- √ N0 missing wire strands.
- ✓ ALL strands entered into contact barrel.



Super Seal Connectors

Super seal connector housings were developed to satisfy increasing requirements for safety and reliability in the field of electrical connections. The connectors can be connected to existing components and used with the equipment presently in use in the automotive industry (sensors, oil pressure sensors, water temperature monitoring circuits, etc.).

- → IP 67 (Protection against dust and temporary water immersion)
- → Robust and reliable contact. Max. current 14A.
- → Prefabricated secondary lock ensures that the terminal is plugged into the housing correctly and prevents slipping out of the connector.



For 'P' and 'S' versions only the bare connector is supplied. Select appropriate seals and terminals to suit. Plug and socket kits come complete with terminals and seals.



8KW 959 881-515



8KW 959 881-015



8KW 959 881-525



8KW 959 881-005



8KW 959 881-535



8KW 959 881-035



8KW 959 881-545



8KW 959 881-045



8JA 959 881-555



8JA 959 881-055



8KW 959 881-565



8KW 959 881-065

1 POLE PLUG AND SOCKET		
8KW 959 881-515	4981P (Pack of 4)	PLUG
8KW 959 881-015	4981S (Pack of 4)	SOCKET

2 POLE PLUG AND SOCKET		
8KW 959 881-811	4982 (Kit)	PLUG AND SOCKET
8KW 959 881-525	4982P (Pack of 4)	PLUG
8KW 959 881-005	4982S (Pack of 4)	SOCKET
Spare Part	9HB 343 699-011 Rubber sealing boot – cable support	

3 POLE PLUG AND SOCKET		
8KW 959 881-821	4983 (Kit)	PLUG AND SOCKET
8KW 959 881-535	4983P (Pack of 3)	PLUG
8KW 959 881-035	4983S (Pack of 3)	SOCKET
Spare Part	9HB 332 130-011 Rubber sealing boot – cable support	

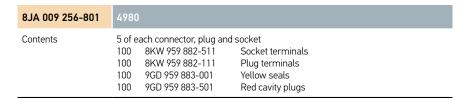
4 POLE PLUG AND SOCKET		
8KW 959 881-831	4984 (Kit)	PLUG AND SOCKET
8KW 959 881-545	4984P (Pack of 3)	PLUG
8KW 959 881-045	4984S (Pack of 3)	SOCKET

5 POLE PLUG AND SOCKET			
8JA 959 881-555	4985P (Pack of 2)	PLUG	
8JA 959 881-055	4985S (Pack of 2)	SOCKET	

6 POLE PLUG AND SOCKET				
8KW 959 881-565	4986P (Pack of 2)	PLUG		
8KW 959 881-065	4986S (Pack of 2)	SOCKET		

Super Seal Connector Kit

Kit contains a variety of super seal connectors.





FEMALE TERMINALS FOR PLUG - PACK OF 50				
8KW 959 882-811	9498001	0.35 - 0.50mm ² CABLE		
8KW 959 882-511	9498002	0.50 - 1.50mm ² CABLE		



MALE TERMINALS FOR SOCKET - PACK OF 50				
8KW 959 882-411	9498003	0.35 - 0.50mm ² CABLE		
8KW 959 882-111	9498004	0.50 - 1.50mm ² CABLE		



SEALS FOR PLUG/SOCKET - PACK OF 50						
9GD 959 883-201	9498005	9498005				
9GD 959 883-001	9498006		YELLOW SEAL			
9GD 959 883-301	9498007	RED SEAL				
9GD 959 883-501	9498009		RED CAVITY PLUG (NO HOLE)			
To Suit	9GD 959 883-201 9GD 959 883-001 9GD 959 883-301 9GD 959 883-501	Cable insulation 1.2 - 1.6mm diameter Cable insulation 1.7 - 2.4mm diameter Cable insulation 2.5 - 3.3mm diameter Red cavity plug (no hole)				





RUBBER SEALING BOOT - CABLE SUPPORT				
9HB 343 699-011	9498205	2 PIN CONNECTOR		
9HB 332 130-011	9498305	3 PIN CONNECTOR		



	SUPER SEAL TOOLS				
8PE 863 807-391	9498020	CONTACT EXTRACTION TOOL			
8PE 863 807-381	9498021	SECONDARY LOCK TOOL			
Extraction tools for the popular super seal range of connectors, to assist in disassembly if required.					



CRIMPING TOOL - SU	IPER SEAL TERMINALS
8PE 980 838-001	8298
Crimping tool designed	d for use with super seal connector terminals.



techfeedback@hella.co.nz



8KW 980 300-002 Blister pack shown



8KW 980 300-003 Bulk pack shown



PUSH-ON FEMALE TERMINALS





Part Number		Туре	Quantity Per Pack	Size	Cable
8KW 980 300-002	8200	BLISTER PACK	20	/ 20000	2.5 to 3mm cable 0.75 to 1.13mm² cable
8KW 980 300-003	8500	BULK PACK	100	6.3mm	
8KW 980 300-102	8201	BLISTER PACK	20	6.3mm	4mm cable. 1.84mm² cable
8KW 980 300-103	8501	BULK PACK	100		
8KW 980 300-202	8202	BLISTER PACK	15	6.3mm	5 to 6mm cable 2.9 to 4.59mm² cable
8KW 980 300-203	8502	BULK PACK	100	o.əmm	





FULLY INSULATED FEMALE TERMINALS						
8KW 980 300-012	8204	BLISTER PACK	12	6.3mm	2.5 to 3mm cable 0.75 to 1.13mm² cable	
8KW 980 300-013	8504	BULK PACK	100			
8KW 980 300-112	8205	BLISTER PACK	12	/ 20000	4mm cable.	
8KW 980 300-113	8505	BULK PACK	100	6.3mm	1.84mm² cable	



PUSH-ON 2-WAY MALE AND FEMALE TERMINALS						
8KW 980 300-022	8210	BLISTER PACK	15		2.5 to 3mm cable 0.75 to 1.13mm² cable	
8KW 980 300-023	8510	BULK PACK	100	6.3mm		
8KW 980 300-122	8211	BLISTER PACK	12		4mm cable. 1.84mm² cable	
8KW 980 300-123	8511	BULK PACK	100	6.3mm		
8KW 980 302-012	8212	BLISTER PACK	15	4.2mm		
8KW 980 302-013	8512	BULK PACK	100	6.3mm		







BLADE MALE TERMINALS						
8KW 980 300-402	8213	BLISTER PACK	15	6.3mm	2.5 to 3mm cable 0.75 to 1.13mm² cable	
8KW 980 300-403	8513	BULK PACK	100			
8KW 980 300-502	8214	BLISTER PACK	12	6.3mm	4mm cable. 1.84mm² cable	
8KW 980 300-503	8514	BULK PACK	100			
8KW 980 300-602	8215	BLISTER PACK	10	6.3mm	5 to 6mm cable 2.9 to 4.59mm² cable	
8KW 980 300-603	8515	BULK PACK	100			





	8KW 980 301-403
	8KW 980 301-502
Ī	8KW 980 301-503
-	



BULLET SINGLE MALE CONNECTORS							
8KW 980 301-402	8220	BLISTER PACK	12	2.5 to 3mm cable			
8KW 980 301-403	8520	BULK PACK	100	0.75 to 1.13mm ² cable			
8KW 980 301-502	8221	BLISTER PACK	14	4mm cable.			
8KW 980 301-503	BULK PACK	100	1.84mm² cable				

BULLET SINGLE FEMALE CONNECTORS								
8KW 980 301-002	8222	BLISTER PACK	12	2.5 to 3mm cable				
8KW 980 301-003	8522	BULK PACK	100	0.75 to 1.13mm² cable				
8KW 980 301-102	8223	BLISTER PACK	14	4mm cable.				
8KW 980 301-103	8523	BULK PACK	100	1.84mm² cable				

Part Number		Туре	Quantity Per Pack	Size	Cable
3KW 980 302-002	8230	BLISTER PACK	15		2.5 to 3mm cable
3KW 980 302-003	8530	BULK PACK	100		0.75 to 1.13mm² cable
3KW 980 302-102	8231	BLISTER PACK	15		4mm cable.
3KW 980 302-103	8531	BULK PACK	100		1.84mm² cable
3KW 980 302-202	8232	BLISTER PACK	10	5 to 6mm cable	
3KW 980 302-203	8532	BULK PACK	100		2.9 to 4.59mm² cable
QUICK CONNECT CA	BLE CONNECT	ORS			
3KW 980 302-322	8235	BLISTER PACK	15		
3KW 980 302-323	8535	BULK PACK	50		
With the use of pliers, o	connects splices	and insulates 0.75	to 1.13mm² (2.	5 to 3mm) ca	ble.
YE TERMINALS					
3KW 980 303-002	8240	BLISTER PACK	25	/ 2	
KW 980 303-003	8540	BULK PACK	100	4.3mm	-
KW 980 303-012	8241	BLISTER PACK	20	Emm	2.5 to 3mm cable 0.75 to 1.13mm² cable
KW 980 303-013	8541	BULK PACK	100	5mm	
KW 980 303-022	8242	BLISTER PACK	15	6.3mm	
KW 980 303-023	8542	BULK PACK	100	0.311111	
3KW 980 303-102	8243	BLISTER PACK	20	5mm	
BKW 980 303-103	8543	BULK PACK	100	JIIIII	_
3KW 980 303-112	8244	BLISTER PACK	20	6.3mm	4mm cable.
3KW 980 303-113	8544	BULK PACK	100		1.84mm² cable -
3KW 980 303-122	8245	BLISTER PACK	15	8.4mm	
3KW 980 303-123	8545	BULK PACK	100		
3KW 980 303-202	8246	BLISTER PACK	12	6.3mm	
3KW 980 303-203	8546	BULK PACK	100		
3KW 980 303-212	8247	BLISTER PACK	12	8.4mm	5 to 6mm cable
3KW 980 303-213	8547	BULK PACK	100		2.9 to 4.59mm ² cable
KW 980 303-222	8248	BLISTER PACK	10	9.5mm	
KW 980 303-223	8548	BULK PACK	100	y.5mm	

NON-INSULATED BRASS LUCAR TERMINAL - WITH LOCK TAB

BULK PACK

8KW 905 512-032

1.84mm² cable

6.3mm

Garage/Auto Electrical Assortment Kit - 186 Piece

Assortment containing 12 types of HELLA connectors/terminals specifically designed to meet the requirements of the automotive industry.



8282							
ontents A quantity of 12 complete packs.							
	Description	Quantity					
8200	Push-on female terminal	20					
8201	Push-on female terminal	20					
8202	Push-on female terminal	15					
8210	Push-on 2-way male and female terminal	15					
8211	Push-on 2-way male and female terminal	12					
8230	Cable connector	15					
8231	Cable connector	15					
8232	Cable connector	10					
8241	Eye terminal	20					
8244	Eye terminal	20					
8247	Eye terminal	12					
	8200 8201 8202 8210 8211 8230 8231 8232 8241 8244	Description 8200 Push-on female terminal 8201 Push-on female terminal 8202 Push-on female terminal 8210 Push-on 2-way male and female terminal 8211 Push-on 2-way male and female terminal 8230 Cable connector 8231 Cable connector 8232 Cable connector 8241 Eye terminal 8244 Eye terminal					

Insulated Terminal and Connector Kit - 800 Piece

Assortment containing 16 types of HELLA connectors/terminals specifically designed to meet the requirements of the automotive industry. Kit includes crimp tool 8PE 905 478-021.



Contents	16 types of	HELLA connectors/terminals.	
Part Number		Description	Quantity
8KW 980 300-002	8200	Push-on female terminal	50
8KW 980 300-102	8201	Push-on female terminal	50
8KW 980 300-012	8204	Fully Insulated female terminal	50
8KW 980 300-112	8205	Fully Insulated female terminal	50
8KW 980 300-402	8213	Blade male terminal	50
8KW 980 300-502	8214	Blade male terminal	50
8KW 980 301-402	8220	Bullet single male connector	50
8KW 980 301-502	8221	Bullet single male connector	50
8KW 980 301-002	8222	Bullet single female connector	50
8KW 980 301-102	8223	Bullet single female connector	50
8KW 980 302-002	8230	Cable connector	50
8KW 980 302-102	8231	Cable connector	50
8KW 980 302-322	8235	Quick connect cable connector	50
8KW 980 303-012	8241	Eye terminal	50
8KW 980 303-112	8244	Eye terminal	50
8KW 980 303-212	8247	Eye terminal	50
8PE 905 478-021	8272	Crimping tool – Insulated terminals	1

8KW 980 300-831

Heat Shrink Insulated Crimp Terminals Pack of 10

Fully insulated cable terminals with shrink-on nylon cap either with hot air gun or other heat source. Shrinking temperature 135°C.

Part Number		Туре	Colour	Cable Size	Description	
8KW 980 300-042	8204S -	BLADE	RED	0.5 - 1mm ²	To suit blade terminals	
8KW 980 300-142	8205S -	RECEPTACLES	BLUE	1.5 - 2.5mm²	6.3 x 0.8mm. Fully insulated.	
8KW 980 300-432	82135	BLADE	RED	0.5 - 1mm²	Size of blade terminal	
8KW 980 300-532	8214S —	TERMINALS	BLUE	1.5 - 2.5mm²	6.3 x 0.8mm.	
8KW 980 303-032	82405 📥	RING	RED	0.5 - 1mm²	T 3M/ :	
8KW 980 303-192	82365	CONNECTORS	BLUE	1.5 - 2.5mm²	To suit M4 pins.	
8KW 980 303-042	82415		RED	0.5 - 1mm²		
8KW 980 303-132	82435	RING CONNECTORS	BLUE	1.5 - 2.5mm²	To suit M5 pins.	
8KW 980 303-332	82495		YELLOW	4 - 6mm²		
8KW 980 303-142	82445	RING	BLUE	1.5 - 2.5mm²	To suit M6 pins.	
8KW 980 303-232	82465	CONNECTORS	YELLOW	4 - 6mm²	то ѕик мо ріпѕ.	
8KW 980 303-182	8245S -	RING	BLUE	1.5 - 2.5mm²	To suit M8 pins.	
8KW 980 303-242	82475	CONNECTORS	YELLOW	4 - 6mm²	то ѕин мо ріпѕ.	
8KW 980 302-032	82305		RED	0.5 - 1mm²		
8KW 980 302-132	82315 🔷	BUTT CONNECTORS	BLUE	1.5 - 2.5mm²	Cable to cable connection	
8KW 980 302-232	82325		YELLOW	4 - 6mm²		

Heat Shrink Insulated Crimp Connectors - Pack of 100

Part Number		Туре	Colour	Cable Size	Description
8KW 980 302-033	8530S 🗢		RED	0.5 - 1mm²	
8KW 980 302-133	8531S �	BUTT CONNECTORS	BLUE	1.5 - 2.5mm²	Cable to cable connection
8KW 980 302-233	8532S 🔷		YELLOW	4 - 6mm²	



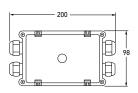


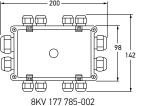
8KW 980 302-133 Box shown

Cable Junction Box

Compact cable junction box with the option of 4 or 12 inlet/outlets, and outer cable size from Ø10mm to Ø17mm. Complete with connecting cartridge allowing 14 separate groups of connections (6 x 8-way and 8 x 4-way) all using 6.3mm flat blade connectors. The heavy duty nylon housing will withstand common lubricants found underneath truck and trailers, and is safe to clean with high pressure washing equipment.









8KV 177 785-012

8KV 177 785-012	2770	4 OUTLETS			
8KV 177 785-002	2771	12 OUTLETS			
Fittings	8KV 177 785-012 4 x Ø13mm 8KV 177 785-002 1 × Ø17mm + 3 × Ø13mm + 8 × Ø10mm				
Protection	IP 69K (Protection against dust and high pressure/steam jet cleaning)				
Plug Cartridge	14 separate connection groups.				

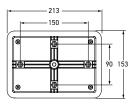


Connecting cartridge

Junction Box - Heavy Duty

Heavy duty nylon junction box. Box can be opened without tools via a single stainless steel bolt. Large sealing gasket withstands high pressure water blasting. Internal mounting plate for fitment of connector blocks and/or relays by self-tapping screws. Large size allows for multiple connections.







8JB 959 540-011

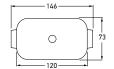


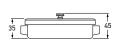
Open view

Cable Junction Box

8 Screw connections.







8KV 002 143-033

Cable

Suitable for medium cable up to 6mm² cross-sectional area.

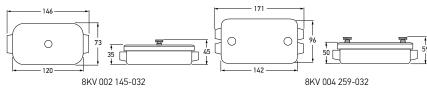
Cable Junction Box

254

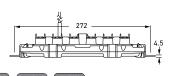
8 pole, 8 double flat plug connection.



8KV 002 145-032



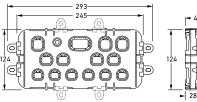
8KV 002 145-032	2758	
8KV 004 259-032	2759	
To Suit	8KV 002 145-032 8KV 004 259-032	Suitable for medium cable up to 6mm² cross-sectional area. Suitable for heavy cable up to 10mm² cross-sectional area.



8HG 244 382-001

8HS 248 756-007

See pages 246-247 for DT connectors.



8JE 233 496-001						
Housing material	ASA Plastic					
Mounting	Horizontal or Vert	cal, Surface	mount (4x mo	ounting clips p	orovided)	
Plug Connections	Deutsch DT Plugs (not provided)					
Voltage	Multivolt™ suitable	Multivolt™ suitable for 12 and 24 volt systems				
Current per output pin	Temp (°C) Max Output (A)	20 1.85	25 1.74	40 1.53	50 1.37	
Maximum Input	13A (Total system)					
Operating Temp	-40° to 50° Celsius					
Protection	IP 6K7 (Protection IP 6K9K (Protection	3		,		

Protective Cover DT Locking Clip (Pack of 15)

LED Lamp Distribution Box

HELLA's revolutionary LED Lamp Distribution Box is the quick connect, easy trouble shooting solution for fitting LED lamps to heavy trailers and custom vehicles.

The LED Lamp Distribution Box is designed with integrated Deutsch DT connector sockets that provide easy and reliable lamp connection. Internal electronics isolate individual circuits and reduce lamp outage to ensure a long life and reliable lamp operation. A completely sealed housing and durable materials provide protection against water, dust and high pressure/steam jet cleaning.

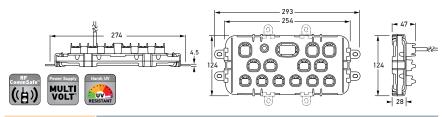






Locking Clip

Protective Cover



8.1	F	23	3 /	49	6-	N1	1

Accessory

032 233 470-011						
Housing material	ASA Plastic	ASA Plastic				
Mounting	Horizontal or Vertical, Surfac	Horizontal or Vertical, Surface mount (4 x mounting clips provided)				
Plug Connections	Deutsch DT Plugs (not provid	Deutsch DT Plugs (not provided)				
Voltage	Multivolt™ suitable for 12 and 24 volt systems					
C:						
Current per output pin	Temp (°C)	20	25	40	50	
ουτρατ μπ	Max Output - DT Output Sockets M/N/O/P (A)	5.00	4.85	4.15	3.85	
	Max Output - All other DT Output Sockets (A)	1.85	1.74	1.53	1.37	

Maximum Input	25A (Total system)		
Operating Temp	-40° to 50° Celsius		
Protection	IP 6K7 (Protection against dust and temporary water immersion) IP 6K9K (Protection against dust and high pressure/steam jet cleaning)		
Accessory	8HG 244 382-001 Protective Cover 8HS 248 756-007 DT Locking Clip (Pack of 15) See pages 246-247 for DT connectors.		



Locking Clip Protective Cover

LED Lamp Distribution Box - High Current Version

The high current version of HELLA's revolutionary LED Lamp Distribution Box has been upgraded to include 4 high current outputs to allow connection of higher power reversing lamps, work lamps and other equipment. The distribution box is designed with integrated Deutsch DT connector sockets to provide a quick connect, easy trouble shooting solution for fitting LED lamps to heavy trailers and custom vehicles.

Internal electronics isolate individual circuits and reduce lamp outage to ensure a long life and reliable lamp operation. A completely sealed housing and durable materials provide protection against water, dust and high pressure/steam jet cleaning.



Cable Connectors

Strip of 12 brass connectors. Flexible plastic.



21 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		142	 178
8KV 002 137-005	8455		CABLES UP TO 2.5MM (0.75MM ²)
8KV 002 139-004	8452		CABLES UP TO 3MM (1.13MM ²)
8KV 002 140-003	8453		CABLES UP TO 4MM (2.90MM ²)
8KV 002 141-001	8454		CABLES UP TO 6MM (4.59MM²)



Connector Kits

White connector kits. Includes brass terminals.



8KW 980 309-001	4991	1 POLE
8KW 980 309-011	4992	2 POLE
8KW 980 309-021	4993	3 POLE
8KW 980 309-031	4994	4 POLE
8KW 980 309-041	4995	6 POLE
8KW 980 309-051	4996	8 POLE
Max. Load	10A per terminal.	
Max. Cable Size	2.0mm ²	



Insulation Tape - Black

Black insulation tape. Made from lead free PVC. Suitable for fine wire, cables and applications requiring non-corrosive tape.

Duct Tape - Black

Premium quality plastic coated rayon fabric backing, with a high tack aggressive rubber based adhesive on one side.





9MJ 905 490-001	8312	18MM X 20M
Tape Thickness	0.18mm	
Elongation at Break	215%	

9MJ 905 490-051	8320	48MM X 30M
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Nylon Cable Ties

100% 6/6 nylon cable ties. Very flexible locking latch. Bell-mouthed head allows easier threading than previous ties. Strongest possible locking power without damaging the serrations of the tie. Quick fastening and simple locking mechanism. Black ties are UV resistant.



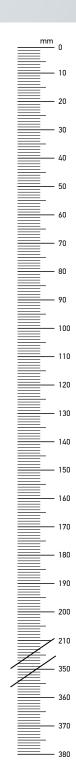
WHITE CABLE TIES				
Quantity 100	Per Pack	Length	Width	
8HL 905 491-161	8344	191mm	4.8mm	
8HL 905 491-181	8345	368mm	4.8mm	

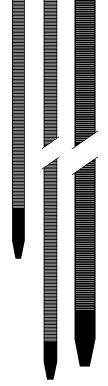


BLACK UV RESISTANT CABLE TIES				
Quantity 10 Per Pack		Length	Width	
8HL 905 491-051	8334UV	208mm	4.6mm	
8HL 905 491-071	8335UV	390mm	4.8mm	
8HL 905 491-091	8336UV	380mm	7.6mm	

BLACK UV RESISTANT CABLE TIES				
Quantity 100 Per Pack		Length	Width	
8HL 905 491-112	8341UV	80mm	2.5mm	
8HL 980 340-001	8342UV	103mm	2.5mm	
8HL 980 341-001	8343UV	147mm	3.2mm	
8HL 980 342-001	8344UV	208mm	4.6mm	
8HL 980 343-001	8345UV	390mm	4.8mm	
8HL 980 344-001	8346UV	380mm	7.6mm	

BLACK UV RESISTANT CABLE TIES				
Quantity 10	00 Per Pack	Length	Width	
8HL 980 342-007	8344UVBULK	208mm	4.6mm	





Standard Blade Fuses (ATS)

- Pack of 10





8JS 980 305-012



8JS 980 305-052 8JS 980 305-062 8JS 980 305-072

	20	-
19		

8JS 711 683-822	8770	PURPLE	3A
8JS 980 305-012	8771	TAN	5A
8JS 980 305-022	8772	BROWN	7.5A
8JS 980 305-032	8773	RED	10A
8JS 980 305-042	8774	BLUE	15A
8JS 980 305-052	8775	YELLOW	20A
8JS 980 305-062	8776	WHITE	25A
8JS 980 305-072	8777	GREEN	30A

Motorist Fuse Assortment (ATS)

- Pack of 10

10 popular blade fuses – ideal for the glove box.



8JS 980 305-811	8779
Contents	1 x 7.5A 2 x 10A 2 x 15A 2 x 20A 2 x 25A 1 x 30A

Mini Blade Fuses (ATN) - Pack of 10





8JS 980 305-112







8JS 980 305-122 8JS 980 305-132 8JS 980 305-142



8JS 980 305-152 8JS 980 305-162 8JS 980 305-172



8JS 980 305-104	8770MINI	PURPLE	3A
8JS 980 305-112	8771MINI	TAN	5A
8JS 980 305-122	8772MINI	BROWN	7.5A
8JS 980 305-132	8773MINI 👚	RED	10A
8JS 980 305-142	8774MINI ∸	BLUE	15A
8JS 980 305-152	8775MINI	YELLOW	20A
8JS 980 305-162	8776MINI	WHITE	25A
8JS 980 305-172	8777MINI 👚	GREEN	30A



8JS 980 305-204	8770LP	PURPLE	3A
8JS 980 305-212	8771LP 🖴	TAN	5A
8JS 980 305-222	8772LP	BROWN	7.5A
8JS 980 305-232	8773LP	RED	10A
8JS 980 305-242	8774LP	BLUE	15A
8JS 980 305-252	8775LP 💼	YELLOW	20A
8JS 980 305-262	8776LP 👚	WHITE	25A
8JS 980 305-272	8777LP 👚	GREEN	30A

Low Profile Blade Fuses (ATT) - Pack of 10





8JS 980 305-212







8JS 980 305-222 8JS 980 305-232 8JS 980 305-242







8JS 980 305-252 8JS 980 305-262 8JS 980 305-272



8JS 980 305-502	8790	YELLOW	20A
8JS 980 305-512	8791	GREEN	30A
8JS 980 305-522	8792	ORANGE	40A
8JS 980 305-532	8793	RED	50A
8JS 980 305-542	8794	BLUE	60A
8JS 980 305-552	8796	BROWN	70A
8JS 980 305-562	8795	WHITE	80A
8JS 980 305-582	8797	PURPLE	100A

Maxi Blade Fuses (ATM)

- Single Pack









8JS 980 305-512 8JS 980 305-522 8JS 980 305-532







8JS 980 305-542 8JS 980 305-552 8JS 980 305-562



8JS 980 305-582

Auxiliary Blade Fuse Holder

Add on fuse holder. Fuse holder allows you to piggy back off the original fuse with an additional holder and separate fused circuit. Comes complete with 4 fuses (3A, 5A, 7.5A and 10A).



8JD 743 557-802	8701	MINI
8JD 743 557-812	8703	STANDARD/ATS
To Suit	Mobile phones, stereos, amplifiers, navigation systems and fridges.	

Pre-wired Blade Fuse Holders





8JD 980 307-022

8JS 980 307-032

8JD 980 307-012	8713	MINI
8JD 980 307-022	8714	STANDARD
8JS 980 307-032	8715	MAXI

Single Maxi Blade Fuse Holder

Splash-proof fuse holder with plastic cover. For loads up to 60A. Complete with 2 sets of terminals, set one for 2.5 - 6mm 2 and set two for 5 - 10mm 2 .



8JD 743 708-002	8707	
Cable	Suitable for cables up to 2.5mm ² - 10mm ² cross sectional area.	
Fuse Type	Maxi Blade Fuses (ATM)	
See page 259 for full listing of Maxi Blade Fuses (ATM)		

ACCESSORIES

Single Blade Fuse Holder

Several holders may be joined together or mated with 8JA 003 526-004 (relay holder). Comes complete with 2 terminals.

8JA 007 024-002	8704	
Cable	Suitable for cable up to 2.5mm² cross sectional area.	
Fuse Type	Standard Blade Fuses (ATS)	
See page 258 for full listing of Standard Blade Fuses (ATS)		





8JD 005 235-003	8718	
Cable	Suitable for cable up to 2.90mm ² cross sectional area.	
Fuse Type	Standard Blade Fuses (ATS)	
See page 258 for full listing of Standard Blade Fuses (ATS)		

Single Blade Fuse Holder

30 amps maximum. May be interlocked face to face or end to end. Complete with transparent dust cover lid and snap-in terminals.





Single In-line Blade Fuse Holder

20 amps maximum. Complete with 15A blade fuse. Quick connect type.

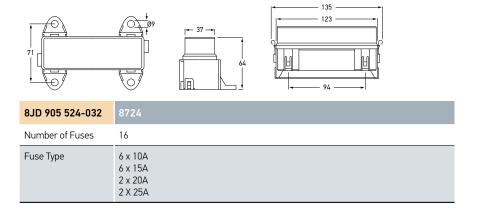




Blade Fuse Box - 16 Fuses

16-way fuse box featuring black plastic housing with secondary locks, transparent cover and sealing gasket. Supplied with mounting brackets.

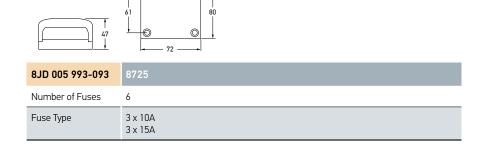




Blade Fuse Box - 6 Fuses

Black plastic housing with transparent snap-fit lid and 6.3mm male blade terminals. 5mm diameter stud input. Complete with 2 spare fuse holders and label set.



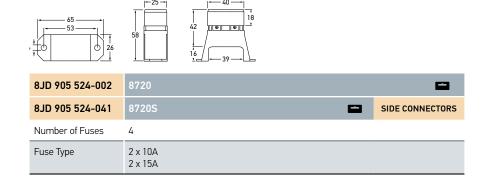


Blade Fuse Box - 4 Fuses

Black plastic housing with transparent snap-fit lid. Flat plug connections.



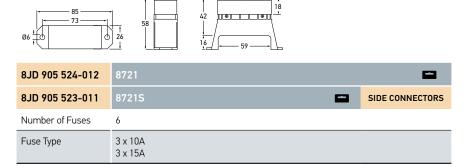


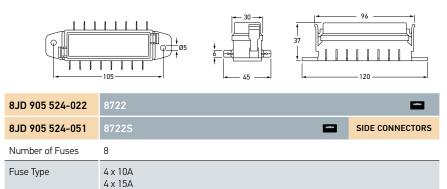


Blade Fuse Box - 6 Fuses

Black plastic housing with transparent snap-fit lid. Flat plug connections.







Blade Fuse Box - 8 Fuses

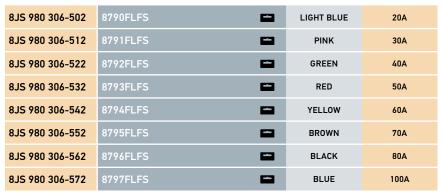
Black plastic housing with transparent snap-fit lid. Flat plug connections.





Fusible Link - Female

Female plug-in fuse link.















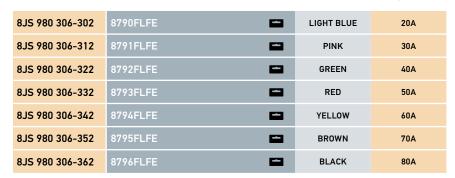


8JS 980 306-512 8JS 980 306-522 8JS 980 306-532 8JS 980 306-542 8JS 980 306-552 8JS 980 306-562



Mini Fusible Link - Female

Female mini plug-in fuse link.













8JS 980 306-322

8JS 980 306-332

8JS 980 306-342

8JS 980 306-352

8JS 980 306-362

techfeedback@hella.co.nz

Mini Fusible Link - Female

Mini female plug-in fuse link.



8JS 980 306-472



8JS 980 306-402	8790FLFM	LIGHT BLUE	20A
8JS 980 306-412	8791FLFM ==	PINK	30A
8JS 980 306-422	8792FLFM 📥	GREEN	40A
8JS 980 306-432	8793FLFM —	RED	50A
8JS 980 306-442	8794FLFM —	YELLOW	60A
8JS 980 306-452	8795FLFM 📥	BROWN	70A
8JS 980 306-462	8796FLFM	BLACK	80A
8JS 980 306-472	8797FLFM	BLUE	100A













8JS 980 306-412 8JS 980 306-422 8JS 980 306-432 8JS 980 306-442 8JS 980 306-452 8JS 980 306-462

Fusible Link - Male

Male bolt-in fuse link.



8JS 980 306-272



8JS 980 306-202	8790FLM	LIGHT BLUE	20A
8JS 980 306-212	8791FLM	PINK	30A
8JS 980 306-222	8792FLM	GREEN	40A
8JS 980 306-232	8793FLM	RED	50A
8JS 980 306-242	8794FLM	YELLOW	60A
8JS 980 306-252	8795FLM	BROWN	70A
8JS 980 306-262	8796FLM ==	BLACK	80A
8JS 980 306-272	8797FLM ==	BLUE	100A
8JS 980 306-282	8798FLM	WHITE	120A















8JS 980 306-212 8JS 980 306-222 8JS 980 306-232 8JS 980 306-242 8JS 980 306-252 8JS 980 306-262 8JS 980 306-282

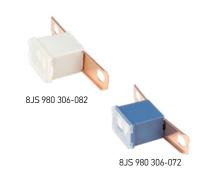


Fusible Link, Male - L-Type Long

Male L-type fuse link with long leg.

22		62	<u>`</u>
	<u> </u>		

8JS 980 306-012	8791FLB	-	PINK	30A
8JS 980 306-022	8792FLB		GREEN	40A
8JS 980 306-032	8793FLB		RED	50A
8JS 980 306-042	8794FLB		YELLOW	60A
8JS 980 306-052	8795FLB		BROWN	70A
8JS 980 306-062	8796FLB		BLACK	80A
8JS 980 306-072	8797FLB		BLUE	100A
8JS 980 306-082	8798FLB		WHITE	120A

















 $8JS\ 980\ 306-012 \quad 8JS\ 980\ 306-022 \quad 8JS\ 980\ 306-032 \quad 8JS\ 980\ 306-042 \quad 8JS\ 980\ 306-052 \quad 8JS\ 980\ 306-062 \quad 8JS\ 980\ 306-082$

Fusible Link, Male - L-Type Short

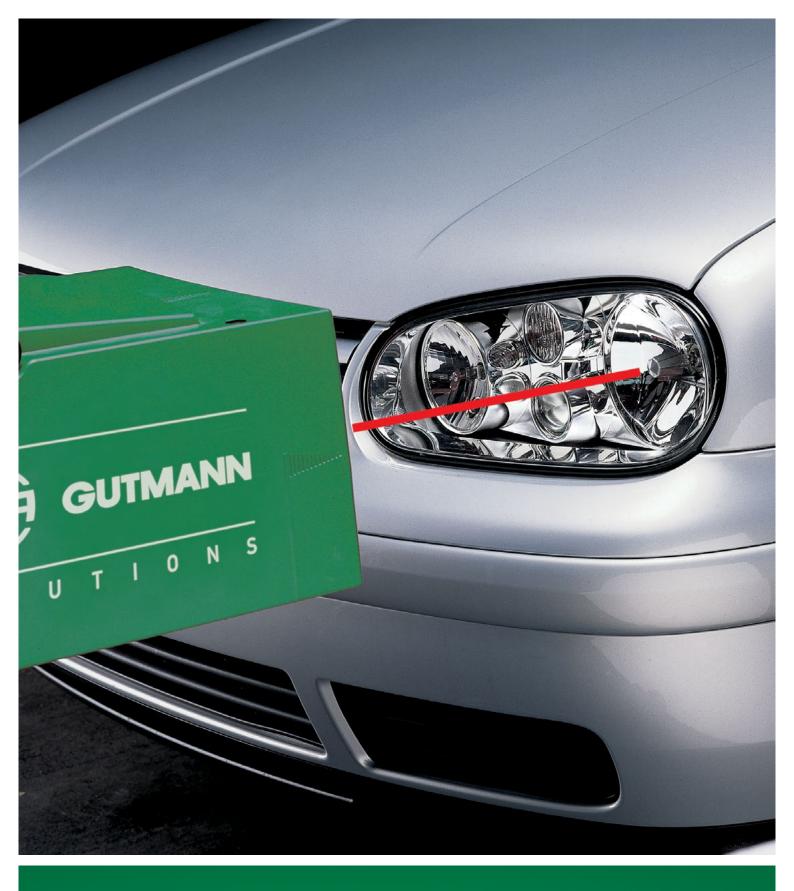
8JS 980 306-102	8790FLBS	LIGHT BLUE	20A
8JS 980 306-112	8791FLBS	PINK	30A
8JS 980 306-122	8792FLBS	GREEN	40A
8JS 980 306-132	8793FLBS	RED	50A
8JS 980 306-142	8794FLBS	YELLOW	60A
8JS 980 306-152	8795FLBS	BROWN	70A
8JS 980 306-162	8796FLBS	BLACK	80A
8JS 980 306-172	8797FLBS	BLUE	100A
8JS 980 306-182	8798FLBS	WHITE	120A



Male L-type fuse link with short leg.

8JS 980 306-172





The HELLA Headlamp Aimer is a precision workshop instrument designed to accurately check vehicle headlamps. It was developed especially for use in professional workshops and vehicle testing stations.

HELLA BEAMSETTERS

Precision Headlamp Adjustment. The importance of regular checking and re-adjustment of headlamps emerges clearly from the fact that about 33% of all vehicles coming in for this service have incorrectly adjusted headlamps. In about half these cases the headlamp beams are too high and dazzle oncoming traffic, while in the remaining cases the headlamps are too low or point left or right, reducing the driver's field of vision and driving safety.

The HELLA Headlamp Aimer provides high accuracy in lighting checks and is also able to test the latest in new technology headlamps. The beamsetter box, the heart of the unit, is constructed of impact and corrosion resistant material that withstands even aggressive fluids used in workshops.

Its functional design allows quick, precise and simple headlamp adjustment. Precision workshop instrument with wide-band sight aligner for quick and precise checking and setting of headlamps, auxiliary driving and fog lamps on all vehicles. The unit features a sturdy base, large viewing screen and a combination volt and light output meter and easy height adjustment.

HELLA Beamsetter

Standard Beamsetter with digital voltage and lux readings.

8PA 007 732-311

SEG 700DLX (Includes laser sight aligner)

Digital indication of illuminance.



Features include:

- → Wide band sight aligner
- → Combination volt and light output meter
- → Sturdy base
- → Large viewing screen
- → Easy height adjustment
- → Spare parts available

