

CB RADIOS & ACCESSORIES



12/24v AM/FM Mobile CB Radio

TCB-560

Size: 124(W) x 136(D) x 37.5mm(H)
Multi-standard CB radio for UK and EU bands.



12/24v AM/FM Mobile CB Radio

TCB-771

Size: 140(W) x 186(D) x 37mm(H)
Multi-standard CB radio for UK and EU bands.



12/24v AM/FM Mobile CB Radio

TCB-881

Size: 156(W) x 176(D) x 51mm(H)
Multi-standard CB radio for UK and EU bands.



Baofeng 5watt UHF Transceiver/Walkie Talkie

BF-888S

Up to 6km range and 16 memory channels
1500 mAh Lithium Battery



Springer Aerial Whip

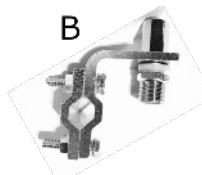
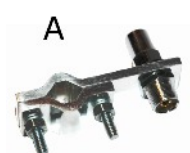
Sizes: 0.89 metre & 1.55 metre
Colour: Black, White or Chrome



Magnetic Aerial Base

MAG-AM1035

Diameter 5.25"/13.5cm
Fitted with 5metre coax with PL259 plug



Mirror Mount Aerial Brackets

Supplied with approx 3 metre cable & plug

A-MNT-MMK1 - FLAT
B-MNT-MMK3 - 3WAY



Pro Communication Speaker

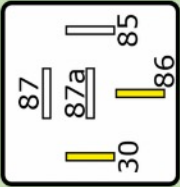
SPK-725

2" x 3½" speaker with Bracket
6ft lead with 3.5mm jack plug

AUTO-ELECTRICAL ACCESSORIES

RELAYS - QUICK GUIDE 12V

TYPE A



Applications:





BMW, Ford, Jaguar,
Opel/Vauxhall,
Volvo (Car),

TYPE B



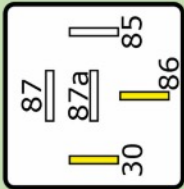
Applications:

Audi, British Leyland, Citroen,
Daimler Benz, HHF, MAN, KHD,
Masey, Peugeot, Porsche, Renault,
SAAB Simca, Volvo, VW

12VOLT	MAKE/BREAK	TWIN MK/BK	FUSED M/B	MAKE/BRK DIODE	MAKE/BRK RESISTOR	CHANGE OVER	C/O DIODE	C/O RESISTOR
<div>MINI</div> <div></div> <div>12V</div>	30A - REL1	2X15A - REL3	30A - REL28	30A - 0-727-14	30A - 0-727-15	20/30A - 0-728-12	30/40A - REL23	20/30A - 160403
	30A - 0-727-12	2X20A - 0-727-22	20A - 0-726-12	40A - REL25		20/30A - REL7	30/40A - 0-728-14	20/30A - 0-728-15
	30A - 0-727-62	2X15A - 160265		40A - 0-727-16		30/40A - REL16		20/30A - 0-728-63
	40A - REL11	30A - 0-727-32				30/40A - REL14		
	20A - N/C 0-727-02	40A - 0-727-56				40/15A - 160316		
<div>H.DUTY</div> <div></div> <div>12V</div>	70A - HDREL1			70A - RE2814.1	70A - 0-727-71	60/70A - HDREL4		
	70A - 0-727-70				100A - 0-727-72	20/30A - 0-728-62		
					HD REL3	40/70A - 0-728-70		
						80/100A - 0-728-72		
<div>EXTRA HD</div> <div></div> <div>12V</div>	100A - 160477							
	120A - 160720							
	120A - 0-727-18							
	200A - 0-727-09							
<div>MICRO</div> <div></div> <div>12V</div>	25A - MS11			25A - MD11	25A - MR11	15/25A - MS12	15/25A - MD12	15/25A - MR12
	25A - 160363			25A - 0-727-13	30A - 160918		15/25A - 160366	15/25A - 160367
				25A - 160364			15/25A - 0-728-13	15/25A - 0-728-16
				30A - 0-727-51			20/30A - 0-728-31	20/10A - 160919
				25A - 0-727-19				
2X2.8 TERMS								

RELAYS - QUICK GUIDE 24V

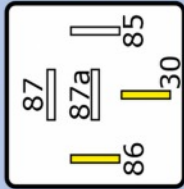
TYPE A



Applications:

BMW, Ford, Jaguar,
Opel/Vauxhall,
Volvo (Car),

TYPE B

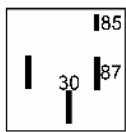


Applications:

Audi, British Leyland, Citroen,
Daimler Benz, HHF, MAN, KHD,
Masey, Peugeot, Porsche, Renault,
SAAB Simca, Volvo, VW

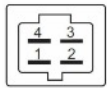
24VOLT	MAKE/BREAK	TWIN MK/BK	FUSED M/B	MAKE/BRK DIODE	MAKE/BRK RESISTOR	CHANGE OVER	C/O DIODE	C/O RESISTOR
MINI	20A - REL2	2X10A - REL4	30A - 160473	20A - 0-727-26	20A - 160935	10/20A - REL8	20/30A - REL24	10/20A - 0-728-27
24V	20A - REL12	2X15A - 0-727-34	15A - 0-726-24	30A - REL26	20A - 0-727-27	10/20A - 160216	10/20A - 0-728-26	10/20A - 0-728-75
	20A - 0-727-24	20A - 0-727-44		30A - 0-727-28		30/40A - 160980		40/60A - 160394
	20A - 0-727-74	20A - 160266		30A - 0-727-76				
		20A - 160939						
H.DUTY	40A - HDREL2				40A - 0-727-41	10/20a - 0-728-62	REL24	30/50A - 160976
24V	40A - 0-727-40				50A - 0-727-42	30/40A - HDREL5	0-728-26	
	70A - 0-727-47				50A - 160977	30/40 - 0-728-40		
	70A - 160975				40A - 160978	30/40A - 160980		
					70 - 161035	30/50A - 0-728-42		
EXTRA HD	60A - 160478							
24V	60A - 0-727-06							
	100A - RE2253							
	100A - 0-727-59							
MICRO								
24V				10A - 0-727-25	10A - 0-727-21		5/10A - 0-728-25	10/15A - 0-728-23
							5/10A - 160521	20/10A - 161010
2X2.8 TERMS				10A - 0-727-29			10/20A - 0-728-30	

RELAYS & FLASHER UNITS



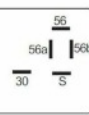
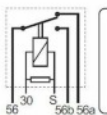
VAG "109" Relay
12v 4 Pin
3 x 6.3mm terminals

12V - 30A - 160637



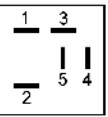
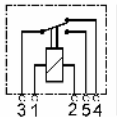
Japanese Type Make/Break Relay
12v 30A

12V - 30A - 0-727-50



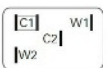
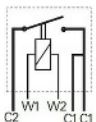
Latching Change Over Relay
With resistor
5 x 6.3mm terminals

12v 25A - 0-728-02
24v 12.5A - 0-728-04



Isuzu Charge Relay
12v 30A 5 Pin
5 x 6.3mm terminals

12V - 30A - 160407



12V 6RA Type Make/Break Relay
Replace SRB111, 113. Lucas replica.
5 x 6.3mm terminals, neoprene sealed.

0-727-20



High Power Relay
IP67 12v
With super seal connection

12V - 130A - 1393315-2
12V - 150A - 1416010-1
24V - 150A - 1393315-1

TIMER RELAYS

Programmed timer relays available to order.

Delay on - Timing starts at application of trigger

Delay Off - Timing starts once trigger is removed

Timer Off - Input triggers timed output

Pulse - Pulse triggers timed output

Flip Flop - Pulse triggers output on & off

Various timings are available on request



Time Delay Relay
12v 20amp
3.5 second delay "off"

12v - TR001
24V - 160466

AUTO-ELECTRICAL ACCESSORIES

TOWING & OTHER RELAYS



SMARTLOGIC 7-way bypass relay

Controls trailer road lights putting no loads on the car's light circuits

12v - TF2218-7E-P

24v - TF2417



Towing Relay Kit

Consists of TF2218 bypass relay and a Pre-wired 7pin Socket.

12v - TF2218kit12V



Voltage-Sensing Caravan Combi Relay

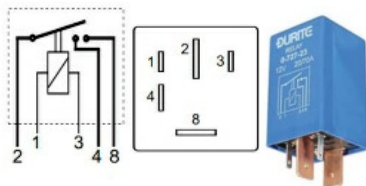
12V voltage-sensing relay

Switches power to a caravan's battery-charging and fridge circuits when vehicle alternator is charging.

Protects the vehicle battery from drain when the engine is off.

12v 22amp - TF1170-4

12v 30amp - TF1170-3



Double Contact Make/Break Relay

0-727-23

12v 70/20A

Isolates fridge circuit separately.

2 x 2.8mm, 1 x 6.3mm and 2 x 9.5mm terminals.

Replaces Lucas SRB 630.



Voltage Sensitive Split Charge Relay

Allows split charging of 2nd battery bank without discharging the starter battery,

Makes at 13.8v and breaks at 12.8v

24v makes at 27.4v and breaks at 25.6v

12v 140A - LA-VSR001

24v 140A - 0-727-83



Victron Intelligent Battery Combiner

Allows split charging of 2nd battery bank without discharging the starter battery,

Makes at 13.3-13.8v and breaks at 12.8-11v

24v makes at 26-27.6v and breaks at 22-25.7v

12/24V -

VECYR0101200000R



Voltage Sensitive Split Charge Relay

12 volt 200 amp relay designed to be used with the latest range of vehicles fitted with smart alternators and regenerative braking systems. With 9 programmes and override

12v 200A - 0-727-43

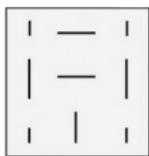


Micro Relay Socket. 192161

Accepts up to 2 x 2.8mm, 3 x 4.8mm and 2 x 6.3mm terminals.

Can be gang mounted.

Supplied with locking terminals.

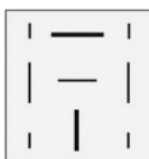


Relay and Flasher Unit Socket. 192158

Accepts up to 4 x 2.8mm and 5 x 6.3mm terminals.

Can be gang mounted.

Supplied with locking terminals.



Relay, Controllers, and Flasher Unit Socket. 0-729-01

Accepts up to 4 x 2.8mm, 3 x 6.3mm and 2 x 9.5mm terminals.

Can be gang mounted.

Supplied with locking terminals.



Auto Marine 4 Way Relay Box

RB4U

Panel Mounted Relay Box

Accommodate 4 Standard Relays

Can Be Doubled Up To Make An 8 Way Relay Box



Auto Marine 4 Way Relay Box

RB7U

Panel Mounted Relay Box

Holds 7 micro relays

Can be clipped together with RB4U/RB7U/FBB16U



Single Module Mounting Brackets

FH337

Mounting brackets for relay/fuse box modules.

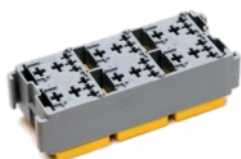


Mini blade Fuse Box & Micro Relay Box

FH365

Accepts 6 mini blade fuses and 4 micro relays.

Supplied with terminals.



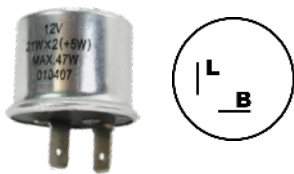
Micro Relay Box

FH365

Accepts 6 micro relays.

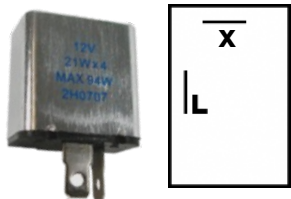
Supplied with terminals.

FLASHER UNITS



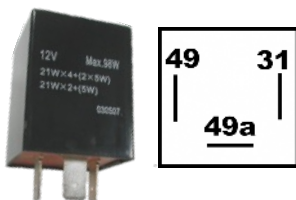
12V Thermal Flasher Unit
 Side repeater lamps: 1 x 5w
 Indicator lamps: 2 x 21w
 Max load: 40w
 Function: Indicator only Bulb
 failure indicator: Yes

FL1



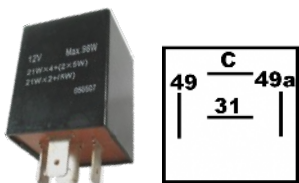
12V Thermal Flasher Unit
 Side repeater lamps: 1 x 5w
 Indicator lamps: 4 x 21w
 Max load: 94w
 Function: Hazard only
 Bulb failure indicator: No
 Bulb failure indicator: Yes

FL2H



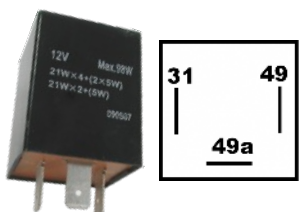
12V Electronic Flasher Unit
 Side repeater lamps: 2 x 5w
 Indicator lamps: 4 x 21w
 Max load: 98w
 Function: Hazard & Indicator
 Bulb failure indicator: Yes

160242



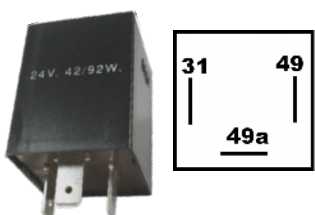
12V Electronic Flasher Unit
 Side repeater lamps: 2 x 5w
 Indicator lamps: 4 x 21w
 Max load: 98w
 Function: Hazard & Indicator
 Bulb failure indicator: Yes

FL5



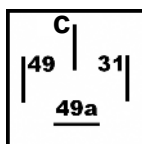
12V Electronic Flasher Unit
 Side repeater lamps: 2 x 5w
 Indicator lamps: 4 x 21w
 Max load: 98w
 Function: Hazard & Indicator
 Bulb failure indicator: Yes

FL9



24V Electronic Flasher Unit
 Side repeater lamps: 2 x 5w
 Indicator lamps: 4 x 21w
 Max load: 98w
 Function: Hazard & Indicator
 Bulb failure indicator: Yes

160261
 0-744-24



24V Electronic Flasher Unit

0-744-25

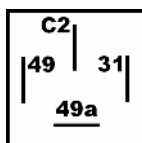
Side repeater lamps: 2 x 5w Indicator
lamps: 4 x 21w +2 x 21w

Max load: 140w

Negative Earth only

Function: Hazard, Indicator

Bulb failure indicator: Yes



24V Electronic Flasher Unit

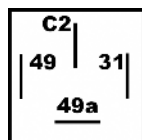
0-744-26

Side repeater lamps: 2 x 5w Indicator
lamps: 4 x 21w +2 x 21w

Max load: 140w

Function: Hazard, Indicator and Towing

Bulb failure indicator: Yes



12V Electronic Flasher Unit

160244

0-744-62

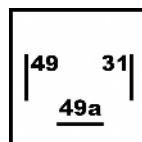
Side repeater lamps: 2 x 5w

Indicator lamps: 4 x 21w + 2 x 21w

Max load: 140w

Function: Hazard, Indicator and Towing

Bulb failure indicator: Yes



12V Electronic Flasher Unit

FL19

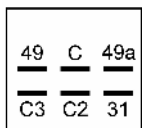
Side repeater lamps: 2 x 5w

Indicator lamps: 4 x 21w

Max load: 98w

Function: Hazard, Indicator

Bulb failure indicator: Yes



12V Electronic Flasher Unit

160263

Side repeater lamps: 2 x 5w

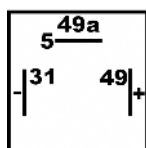
Indicator lamps: 4 x 21w + 2 x 21w + 2 x 21w

Max load: 170w

Function: Hazard, Indicator and 2 x Towing

Bulb failure indicator: Yes

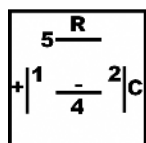
3 Pin LED Flasher Unit. Solves the problems with fast indicator flashing. Using a flasher unit eliminates the requirement to fit resistors.



LED Flasher Unit

Side repeater lamps: 1 x 5w
Indicator lamps: 1 x 21w + LED cluster
Max load: 12v - 30w / 24v - 40w
Function: Hazard and Indicator

12v - FL50
24v - AVFU12

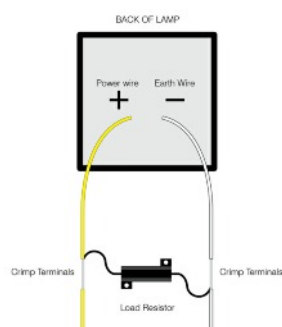


LED Flasher Unit

Side repeater lamps: 1 x 5w
Indicator lamps: 1 x 21w + LED cluster
Max load: 12v - 30w / 24v - 40w
Function: Hazard and Indicator

12v - FL53
24v - AVFU15

LOAD RESISTORS



LED Load Resistor

Load resistors simulate the current draw used by a standard direction indicator bulb and enables the flasher unit to operate correctly.
Must be mounted on metal surfaces. The resistor can reach up to 170 deg C

12v - LR12
24v - LR24



LED smart load device

For use with Britax L11, L12, L13, L14, L25 and L76 series LED direction indicator lamps, on vehicles using a conventional flasher unit

12v - E07.10.12
24v - E07.00.24



5 Function LED Ballast Resistor Unit

Compensates for the low power consumption of LEDs.
No false bulb failure warnings.
Does not interfere with failure detection systems.

12V- LU104SZZ-49AA
24v- LU101S01-49AA

PUMPS & ACCESSORIES



12v Fuel Pump

Gasoline, diesel, ethanol, methanol
1.5-4psi - 0.1-0.28bar
95 Litre/hour

070187



12v Fuel Pump

Gasoline, diesel, ethanol, methanol
7-10psi - 0.5-0.7bar
154 Litre/hour

60107

60303 - W/ Check valve

41199 - 8mm fittings



24v Fuel Pump

Gasoline, diesel, ethanol, methanol
4.5-6psi
121 Litre/hour

070056



12v Washer Pump

Ford - Citroen
1800 ml/minute

EWP9



Universal Washer Pump

Heavy Duty
12v - 1300 ml/minute
24v - 1000 ml/minute

EWP13



3 Litre Washer Bottle with Pump

L:104 x W:200 x H:195mm

12v - 0-594-00

24v - 0-594-01



4mm Washer Tubing 10 Metre

Clear - PVC
Black - Rubber

PVC - 0-593-16

Rubber 0-593-18



4mm Twin Washer Jet

0-593-96



4mm Plastic Connectors

T Piece, Straight Connector &
Non-Return Valve

T - 0-593-04

- - 0-593-03

N/R - 0-593-07

AUTO-ELECTRICAL ACCESSORIES

DASHBOARD GAUGES



Electrical Illuminated Volt Meter

52mm diameter

90° sweep dial

12v - 0-523-22

24v - 0-523-72



Electrical Illuminated Amp Meter

52mm diameter

90° sweep dial

-30/+30 or -60/+60 dial available

0-523-01/51



Electrical Water Temp Gauge

52mm diameter

90° sweep dial

Supplied with 1/8" NPTF sender

12v - 0-523-23

24v - 0-523-73



Electrical Oil Temperature Gauge

52mm diameter

90° sweep dial

Supplied with 1/8" NPTF sender

12v - 0-523-15

24v - 0-523-65



Electrical Oil Pressure Gauge

52mm diameter

90° sweep dial

Supplied with 1/8" NPTF sender

12v - 0-523-16

24v - 0-523-66



Electrical Fuel Gauge

52mm diameter

90° sweep dial

Supplied with 1/8" NPTF sender

12v - 0-523-06

24v - 0-523-56



Quatrz Clock

52mm diameter

12/24v - 0-523-03



Digital Quatrz Clock

52mm diameter

LCD Display

12/24v - 0-523-04

AUTO-ELECTRICAL ACCESSORIES

**Mechanical Water Temp. Gauge**

52mm diameter

270° sweep dial

40°-120°C or 100°-280°F available

CEL - 0-533-23

FAR - 0-533-73

**Mechanical Oil Temperature Gauge**

52mm diameter

270° sweep dial

With 5/8" NPTF union & 12' copper capillary

12v - 0-533-15

**Mechanical Air Pressure Gauge**

52mm diameter

270° sweep dial

With 1/8" NPTF union & 12' copper capillary

12v - 0-533-01

**Mechanical Oil Pressure Gauge**

52mm diameter

270° sweep dial

With 1/8" NPTF union & 12' copper capillary

12v - 0-533-16

**Digital Engine Hour Meter**

52mm diameter

Non-Illuminated

Bridge fitting 40mm deep

10/36v - 0-523-68

**Engine Hour Counter**

52mm diameter

Non-illuminated

Bridge fitting 75mm deep

10/80v - 0-523-08

**Engine Hour Counter**

37 x 24mm

Bridge Fitting 70mm deep

8/32v - 0-523-58

**Tacho & Engine Hour Meter**

86mm diameter

270° sweep dial

0-4000 RPM

Programmable alternator pick up

12/24v - 0-523-78

W/o hour - 0-523-70

VOLTAGE CONVERTERS



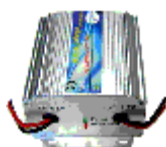
24v to 12v Voltage converter
Continuous rating 5 amps.
70mm(L) x 87mm(W) x 51mm(D).

5Amp - RED-VR5



24v to 12v Voltage converter
Continuous rating 10 amps.
118mm(L) x 87mm(W) x 51mm(D)

10Amp - RED-VR10



24v to 12v Voltage converter
Continuous rating 15 amps.
153mm(L) x 87mm(W) x 51mm(D)

20Amp - RED-VR20



24v to 12v Voltage converter
Continuous rating 10 amps.
101mm(L) x 100mm(W) x 81mm(D)

10Amp - RED-RT10



WAECO PerfectPower DCDC06
24-12v Switch mode converter
Continuous rating 6 amps.
Peak rating 10 amps for short periods.
118mm(L) x 105mm(W) x 47mm(D)

6Amp - 8006-DC24



WAECO PerfectPower DCDC12
24-12v Switch mode converter
Continuous rating 12 amps.
Peak rating 18 amps for short periods.
128mm(L) x 105mm(W) x 47mm(D)

12Amp - 8012-DC24



WAECO PerfectPower DCDC24
24-12v Switch mode converter
Continuous rating 24 amps.
Peak rating 30 amps for short periods.
158mm(L) x 105mm(W) x 47mm(D)

24Amp - 8024-DC24



24v to 12v Dual Voltage Converter PV6S-A

Features two 6 amp outputs
Allows a permanent supply (security, navigation etc.) & an ignition-only feed for other devices.
Short circuit & thermal overload protection.



24v to 12v Voltage Converter 5 Amp - AVDCDC5

24-12v Switch mode converter
Continuous rating 5 amps.
Peak rating 30 amps for short periods.



24v to 12v Voltage Converter 10 Amp - AVDCDC10

24-12v Switch mode converter
Continuous rating 10 amps.
Peak rating 15 amps for short periods.



24v to 12v Voltage Converter 15 Amp - AVDCDC15

24-12v Switch mode converter
Continuous rating 15 amps.
Peak rating 22 amps for short periods.



24v to 12v Trailer Voltage Converter 160502

For 12v trailer pulled by a 24v vehicle
Waterproof
IP65
110mm(L) x 103mm(W) x 43mm(D)



7 Pin 24v to 12v Trailer Voltage Converter 0-447-07

For 12v trailer pulled by a 24v vehicle
Waterproof



13 Pin 24v to 12v Trailer Voltage Converter 0-447-13

For 12v trailer pulled by a 24v vehicle
Waterproof



12v to 24v Charging Converter

Suitable to charge 24v aux batteries from a 12v system at 10 or 20 amps
Input voltage 8v to 16v dc
Output voltage 27.6dc

10Amp - DC1224-10

20Amp - DC1224-20



24v to 12v Charging Converter

Suitable to charge 12v aux batteries from a 24v system at 20 or 40 amps
Input voltage 20v to 32v
Output voltage 13.8 +0.1v

10Amp - DC2412-20

20Amp - DC2412-40



12v to 12v Charging Converter

Suitable to charge 12v aux batteries from a 12v system at 10,20 or 40 amps
Input voltage 8v to 16v
Output voltage 14.2 + 0.1v

10Amp - DC1212-10

20Amp - DC1212-20

40Amp - DC1212-40



24v to 24v Charging Converter

Suitable to charge 24v aux batteries from a 24v system at 10,20 or 40 amps
Input voltage 20v to 32v
Output voltage 27.6 + 0.1v

10Amp - DC2424-10

20Amp - DC2424-20

40Amp - DC2424-40



Smart DC-DC Battery Charger

As an alternative to split charge relay systems it can provide a faster, more intelligent charging solution.
Input voltage 10v to 50v
Output voltage 14.8v

RSCDC30



Smart Series Battery to Battery Charger 12V 30A

incorporates the latest euro 5/6 (Eco) compatible software and works seamlessly with smart alternators including stop-start and regenerative braking.

12V 30A - SMART1230

HORNS



12v Disc Horn
Single Terminal
High Tone

D1H12



Disc Horn
Double Terminal
High Tone

DGD2H12 - 12V
DGD2H24 - 24V
DGD2H48 - 48V



12v Disc Horn
Double Terminal
Low Tone

DGD2L12 - 12V



Trumpet/Shell Horn
Double Terminal
High Tone

DGSH12 - 12V
DGSH24 - 24V



Trumpet/Shell Horn
Double Terminal
Low Tone

DGSL12 - 12V
DGSL24 - 24V



FIAMM Compact Air Horn
Ultimate Blast 115db

921939 - 12V
920621 - 24V



Marine Trumpet Horn
2 Terminal
Chrome plated brass body

0-642-14 - High
0-642-15 - Low



Electro-Pneumatic Horn
"Old Style" makes "Arrroooughaaa" sound
102db - not ECE approved

0-642-01 - 12v



Twin Tone Air Trumpet Horn
125db - Supplied with fitting accessories

0-642-00 - 12v