

Mid Ulster

Rotating Electrics Ltd

**Specialists in Starters, Alternators
& Auto Electrical Parts**

Ancillaries

Switches, Relays,
Terminals etc.

ROCKER SWITCHES



K610
On/Off Double Pole Rocker Switch
20A @ 12V
Fits 20mm wide x 34.5mm long slot



K611
On/Off Amber LED Illuminated Rocker Switch
20A @ 12V, 12V LED
Fits 20mm wide x 34.5mm long slot

K613 as above Green
K614 as above Red



K631
On/Off Amber Illuminated Rocker Switch
20A @ 12V, 12V Bulb
Fits 20mm wide x 34.5mm long slot

K632 as above Green
K633 as above Green
K634 as above Red



K624
On/Off Double Pole Rocker Switch
20A @ 12V
Fits 20mm wide x 34.5mm long slot



V001
Illuminated On/Off Rocker Switch
20A @ 12V, 12V Bulb
4 Pin for use with relay
Supplied with symbols and coloured lenses
Fits 24mm wide x 34mm long slot



V006
Illuminated On/Off Rocker Switch
20A @ 12V, 12V Bulb
3 Pin
Supplied with symbols and coloured lenses
Fits 24mm wide x 34mm long slot



K400
On/Off Rocker Switch
16A @ 12V
Fits 12mm wide x 30mm long slot



K415
On/On Rocker Switch
16A @ 12V
Fits 12mm wide x 30mm long slot



K401
On/Off Amber Illuminated Rocker Switch
20A @ 12V
Fits 12mm wide x 30mm long slot

K402 as above Blue
K403 as above Green
K404 as above Red



K405
On/Off/On Rocker Switch
20A @ 12V
Fits 12mm wide x 30mm long slot



K470
On/Off Rocker Switch
16A @ 12V
Fits 12.5mm hole



K471
On/Off Amber Illuminated Rocker Switch
16A @ 12V, 12V Bulb
Fits 12.5mm hole

K472 as above Blue
K473 as above Green
K474 as above Red



K471LED
Amber LED Illuminated On/Off Rocker Switch
16A @ 12V, 12V LED
Fits 12.5mm hole

K473LED as above Green
K474LED as above Red



K471RS
Amber Spot Illuminated On/Off Rocker Switch
16A @ 12V, 12V Bulb
Fits 12.5mm hole

K473RS as above Green
K474RS as above Red



K698
LED Illuminated Electric Window Rocker Switch
20A @ 12V, 12V LED
Illuminated by the side light circuit
Fits 20mm wide x 36mm long slot
With wiring harness



K697
Electric Window/Aerial Rocker Switch
Fits 18mm wide x 37mm long slot



K760
On/Off Rocker Switch
25A @ 12V
Fits 26mm hole



K761

Amber LED Illuminated On/Off Rocker Switch

25A @ 12V, 12V LED

Fits 26mm hole

K762 as above Blue

K763 as above Green

K764 as above Red

MINIATURE ROCKER SWITCHES



K420
On/Off Rocker Switch
16A @ 12V
Fits 13mm wide x 18.5mm long slot



K421
On/Off Amber Illuminated Rocker Switch
16A @ 12V, 12V Bulb
Fits 13mm wide x 18.5mm long slot

K422 as above Blue
K423 as above Green
K424 as above Red



K425
On/Off/On Rocker Switch
16A @ 12V
Fits 13mm wide x 18.5mm long slot



K700
On/Off Rocker Switch
10A @ 12V
Fits 13mm wide x 18.5mm long slot



K701
On/Off Amber LED Illuminated Rocker Switch
10A @ 12V, 12V LED
Fits 13mm wide x 18.5mm long slot

K703 as above Green
K704 as above Red



K706
Flash/Off Rocker Switch
16A @ 12V
Fits 13mm wide x 18.5mm long slot



K709
Flash/Off/Flash Rocker Switch
10A @ 12V
Fits 13mm wide x 18.5mm long slot



K710
On/Off Double Pole Rocker Switch
16A @ 12V
Fits 13mm wide x 18.5mm long slot



K720
On/Off Round Rocker Switch
10A @ 12V
Fits 20mm round hole



K721
On/Off Illuminated Round Rocker Switch
10A @ 12V, 12V Bulb
Fits 20mm round hole

K722 as above Blue
K723 as above Green
K724 as above Red



K725
On/On Round Rocker Switch
10A @ 12V
Fits 20mm round hole



K726
On/Off/On Round Rocker Switch
10A @ 12V
Fits 20mm round hole



K731
On/Off Amber LED Spot Illuminated Round Rocker
Switch
10A @ 12V, 12V LED
Fits 20mm round hole

K732 as above Blue
K733 as above Green
K734 as above Red

TOGGLE SWITCHES



K3
On/Off Duckbill Toggle Switch
20A @ 12V
Fits 12.5mm round hole



K3WP
On/Off Toggle Switch with Splashproof
Cover
20A @ 12V
Fits 15mm round hole



K4
Chrome Effect On/Off Duckbill Toggle
Switch
20A @ 12V
Fits 12.5mm round hole



K10
Flash/Off Toggle Switch
20A @ 12V
Fits 12.5mm round hole



K865
On/Off Dolly Metal Toggle Switch With
Flying Leads
16A @ 12V
Fits 12.mm round hole



K886
On/Off/On Duckbill Toggle Switch
20A @ 12V
Fits 12.mm round hole



K582
On/Off/On Heavy Duty Style Toggle
Switch
20A @ 12V
Fits 12.5mm round hole



K800
On/Off Toggle Switch
20A @ 12V
Fits 12.5mm round hole



K815
On/On Toggle Switch
20A @ 12V
Fits 12.5mm round hole



K801
On/Off Amber Illuminated Toggle
Switch
20A @ 12V, 12V Bulb
Fits 12.5mm round hole

K802 as above Blue
K803 as above Green
K804 as above Red



K881
On/Off Amber Illuminated "Duckbill"
Toggle Switch
20A @ 12V, 12V Bulb
Fits 12.5mm round hole

K882 as above Blue
K883 as above Green
K884 as above Red



K805
On/Off/On Toggle Switch
20A @ 12VLED
Fits 12.5mm round hole



K851
Heavy Duty Flash/Off Metal Toggle
Switch
Silver contacts
Lucar terminals
25A @ 12V
Fits 12.5mm round hole



K852
Heavy Duty Flash/Off/Flash Metal
Toggle Switch
Lucar terminals
25A @ 12V
Fits 12.5mm round hole



K853
Heavy Duty Flash/Off/Flash Metal
Toggle Switch
Silver contacts
Screw Terminals
25A @ 12V
Fits 12.5mm round hole



K890
Heavy Duty Flash/Off Metal Toggle
Switch
Silver contacts
Screw Terminals
25A @ 12V
Fits 12.5mm round hole



K891
Heavy Duty On/Off Metal Toggle
Switch
Silver contacts
Screw Terminals
25A @ 12V
Fits 12.5mm round hole



K892
Heavy Duty On/On Metal Toggle
Switch
Silver contacts
Screw Terminals
25A @ 12V
Fits 12.5mm round hole



K893
Heavy Duty On/Off/On Metal Toggle
Switch
Silver contacts
Screw Terminals
25A @ 12V
Fits 12.5mm round hole



K861
Amber LED Toggle Switch Silver
contacts, Lucar terminals 30A @
12V, 12V LED
Fits 12.5mm round hole

K863 as above Green
K864 as above Red



K894A
Heavy Duty Amber LED Illuminated
On/Off Metal Toggle Switch
Silver contacts, Lucar terminals 25A
@ 12V, 12V LED
Fits 12.5mm round hole

K894B as above Blue
K894G as above Green
K894R as above Red



K895
Heavy Duty On/Off Metal Toggle
Switch
Silver contacts
Lucar terminals
25A @ 12V
Fits 12.5mm round hole



K898
On/On Heavy Duty Metal Toggle
Switch
Lucar terminals
25A @ 12V
Fits 12.5mm round hole



K899
On/Off/On Heavy Duty Metal Toggle
Switch
Lucar terminals
25A @ 12V
Fits 12.5mm round hole



K891C
Splashproof Cover
Fits K891, K892, K893, and K895
Toggle Switches



K889R
Red Aircraft Style Switch Position
Indication Cover
Fits K891, K892, K893, K894, K895,
K898 and K899
Prevents accidental switch operation

K889Y as above Yellow, **K889B** as
above Blue,
K889G as above Green, **K889CH** as
above Chrome,
K889CARB as above Carbon



K854
Flash/Off Metal Toggle Switch
Double pole
Screw terminals
20A @ 12V
Fits 12.5mm round hole



K855
Flash/Off/Flash Metal Toggle Switch
Double pole
Screw terminals
20A @ 12V
Fits 12.5mm round hole



K896
On /Off Metal Toggle Switch
Double pole
Screw terminals
20A @ 12V
Fits 12.5mm round hole



K897
On /Off/On Metal Toggle Switch
Double pole
Screw terminals
20A @ 12V
Fits 12.5mm round hole



K750
On/Off Miniature round Hole Toggle
Switch
16A @ 12V
Fits 20mm round hole



K751
On/Off Amber Illuminated Miniature
Round Hole Toggle Switch
16A @ 12V, 12V Bulb
Fits 20mm round hole

K752 as above Blue
K753 as above Green
K754 as above Red



K870
On/Off/On Miniature Toggle Switch
Solder terminals
6A @ 12V
Fits 6mm round hole



K871
On/On Miniature Toggle Switch
Solder terminals
6A @ 12V
Fits 6mm round hole



K872
On/Off Miniature Toggle Switch
Solder terminals
6A @ 12V
Fits 6mm round hole



K875
On/Off Heavy Duty Double Pole Toggle
Switch
20A @ 12V
Fits 12.5mm round hole



K876
On/Off/On Heavy Duty Double Pole
Toggle Switch
20A @ 12V
Fits 12.5mm round hole



K877
Off/Flash Heavy Duty Double Pole
Toggle Switch
20A @ 12V
Fits 12.5mm round hole



K878
Off/On/Flash Heavy Duty Toggle Switch
20A @ 12V
Fits 12.5mm round hole



K879
Off/On(1)/On(1+2) Heavy Duty Toggle
Switch
20A @ 12V
Fits 12.5mm round hole

PUSH/PULL SWITCHES



K459

Pull On/Push Off Switch

Screw terminals

Longer neck for mounting into thicker bulkheads

Minimum Length = 59.0mm, Maximum Length = 65.5mm

16A @ 12V, 8A @ 24V

Fits 8mm round hole



K460

Pull On/Push Off Switch

Screw terminals

Minimum Length = 48.5mm, Maximum Length = 55.0mm

16A @ 12V, 8A @ 24V

Fits 8mm round hole



K461

Amber Pull On/Push Off Switch

10A @ 12V

Fits 12.5mm round hole

K462 as above Blue

K463 as above Green

K464 as above Red



K584

Off/On(1)/On(1+2) Rotary Switch

Headlight/Fan Switch

PUSH SWITCHES



K598
Heavy Duty Momentary Push On Button Switch
16A @ 12V
Fits 26mm round hole



K598C
Splashproof Cover For K598



K598\K598C
Heavy Duty Momentary Push On Button Switch With Cover
16A @ 12V
Fits 26mm round hole



K588
Stainless Steel Momentary Push On Button Switch
20A @ 12V
Waterproof seal
Fits 19mm round hole



K589
Plated Brass Momentary Push On Button Switch
20A @ 12V
Vandal resistant
Fits 19mm round hole



K456
Momentary Push On Button Switch
16A @ 12V
Waterproof seal
Fits 12.5mm round hole



K599
Die Cast Momentary Push On Button Switch with Splashproof Cover
Fits 16mm round hole



K480
Push On/Off Switch Fits
20mm round hole



K481
Amber Push On/Off Switch With Splash Proof Seal
Fits 20mm round hole

K482 as above Blue
K483 as above Green
K484 as above Red



K488
Red Illuminated Push On/Off Switch With Splash Proof Seal
10A @ 12V, 12V LED
Fits 20mm round hole

K485 as above Amber
K486 as above Blue
K487 as above Green

WARNING LIGHTS



K101

Amber Indicator Light, Bulb Illuminated Lucar
Terminals, fits 12mm round hole
12V Bulb (24V option available see below)

K102 as above Blue

K101/24 as above Amber 24V

K103 as above Green

K102/24 as above Blue 24V

K104 as above Red

K103/24 as above Green 24V

K104/24 as above Red 24V



K121

Amber Indicator Light with Chrome Effect Bezel, Bulb
Illuminated
Lucar Terminals, fits 12mm round hole
12V Bulb

K122 as above Blue

K123 as above Green

K124 as above Red



K131

Amber Indicator Light with Chrome Effect Bezel and
Flying Leads, Bulb Illuminated
Fits 12mm round hole
12V Bulb

K132 as above Blue

K133 as above Green

K134 as above Red



K451

Amber Rectangular Indicator Light, Bulb Illuminated
12V Bulb
Fit 12mm wide x 30mm long slot

K452 as above Blue

K453 as above Green

K454 as above Red



K141
Amber Indicator Light with Replaceable Bulb
12V BA9S 2W Bulb
Fits 18mm round hole

K142 as above Blue
K143 as above Green
K154 as above Red
K155 as above Clear



K171
Red LED Indicator Light in Chrome Housing
12V LED
Fits 8mm round hole

K174 as above Amber
K172 as above Blue
K173 as above Green



K144
Red LED Indicator Light with Flying Leads
12V LED
Fits 8mm round hole

K188 as above Bright Blue
K189 as above Bright Red



K184
Red Flashing LED Indicator Light with Flying Leads
12V LED
Fits 8mm round hole

K187 as above Bright Blue
K186 as above Bright Red



K794
Red LED Round Warning Light
Lucar Terminals, fits 20mm round hole
12V Bulb

K791 as above Amber
K792 as above Blue
K793 as above Green

DOOR SWITCHES



K465
Door/Alarm Switch
20A @ 12V



K272
Rubber Cover for K465 Switch



KR465
Door/Alarm Switch with Long
Plunger
Plunger suitable for cutting to
length
20A @ 12V



K467
Round Hole Fitting Door Switch
with Extended Plunger
Plunger suitable for cutting to
length



K466
Door Switch with Telescopic
Plunger
Self adjusts to the door gap



K468
Door Switch with Rubber
Gasket

FUSE HOLDERS



K254
Fuse Holder for Glass Fuses
Leads terminated with 6.3mm Lucar terminals
10A Max @ 12V
Supplied without fuse



K255
Fuse Holder for Glass Fuses
Leads not terminated
10A Max @ 12V
Supplied without fuse



K261
Fuse Holder for Continental Fuses
Screw terminals
Fitted with 8A fuse



K268
Fuse Holder for Continental Fuses
Screw terminals
Fitted with 16A fuse



K259
Heavy Duty Miniature Blade Fuse Holder
30A Max @ 12V
Supplied without fuse



K265
Standard Blade Fuse Holder
30A Max @ 12V
Supplied without fuse



K269
Maxi Blade Fuse Holder
Supplied without fuse

IGNITION ACCESSORIES



K590
Ignition Key Switch
Park/Off/On/Starter
Supplied with 2 keys Fits
19.5mm round hole



K590C
Rubber Cover For K590



K583
Ignition Key Switch
Park/Off/On/Starter
Supplied with 2 keys and rubber cover

FUSE BOXES



K304
4 Way Continental Fuse Box
Side entry cable connection with screw terminals



K306
6 Way Continental Fuse Box
Side entry cable connection with screw terminals



K308
8 Way Continental Fuse Box
Side entry cable connection with screw terminals



K310
10 Way Continental Fuse Box
Side entry cable connection with screw terminals



K312
12 Way Continental Fuse Box
Side entry cable connection with screw terminals



K322
2 Way Blade Fuse Box
Side entry cable connection to accept 6.3mm female Lucar connection



K324
4 Way Blade Fuse Box
Side entry cable connection to accept 6.3mm female Lucar connection



K326
6 Way Blade Fuse Box
Side entry cable connection to accept 6.3mm female Lucar connection



K328
8 Way Blade Fuse Box
Side entry cable connection to accept 6.3mm female Lucar connection



K330
10 Way Blade Fuse Box
Side entry cable connection to accept 6.3mm female Lucar connection



K332
12 Way Blade Fuse Box
Side entry cable connection to accept 6.3mm female Lucar connection

BATTERY ISOLATOR SWITCHES



K576
Heavy Duty Fixed Handle Battery
Isolator Switch
250A Continuous @ 24V



K585
Emergency Stop Heavy Duty Push
Button Battery Isolator Switch Twist
to connect, push to disconnect 250A
Continuous @ 24V Supplied
individually boxed



K586
Heavy Duty Fixed Handle Battery
Isolator Switch
250A Continuous @ 24V
Supplied individually boxed



K587
Heavy Duty Removable Key Battery
Isolator Switch
250A Continuous @ 24V
Supplied individually boxed



K592 Quick
release
Battery
Terminal
Supplied with
fused link



K593
TIR Heavy Duty Battery Isolator Switch
250A Continuous @ 12V
2500A for 10 seconds
Supplied individually boxed with one key

K593K
Spare Key for K593



K594
Battery Isolator Switch
100A Continuous @ 12V
500A for 5 seconds
Supplied individually boxed with one key

K594KK
Battery Isolator Switch 100A
Continuous @ 12V 500A for
5 seconds Supplied bulk with
two keys

K594K
Spare Key for K594 and K594KK



K595C
Splashproof cover for K594





K596
Master Battery Isolator Switch
100A Continuous @ 12V 500A
for 5 seconds
Supplied individually boxed with one
key, splashproof cover, resistor and a
wiring diagram

K596K
Spare Key for K596



K595C
Splashproof cover for K596



K597
Master Battery Isolator Switch
100A Continuous @ 12V
Supplied individually boxed
Fits 19mm round hole

CIGAR LIGHTER ADAPTERS



SW721
Din Plug
Used with SW722 socket
16A Max @ 12V



SW722
Din Socket
Used with SW721 plug
16A @ 12V
Fits 18mm round



SW710
Illuminated Cigar Lighter and Holder
For certain European cars
Fits 28mm round



SW712
Cigar Lighter Only
Fits SW710



SW711
Universal Illuminated Cigar Lighter and Holder
12V
Fits 28mm round hole



SW713
Cigar Lighter Only
Fits SW711



SW720
Fused Accessory Adapter Plug



SW728
Car USB Port And Car Socket Black

RELAYS



ED005
On/Off 4-Pin Relay
Normally open contacts
Plastic bracket
30A @ 12V



ED006
On/On 5-Pin Relay
Plastic bracket
20/30A @ 12V



ED007
On/On 5-Pin Relay
Plastic bracket
10/20A @ 24V



ED008
On/Off 4-Pin Relay
Normally open contacts
Plastic bracket
20A @ 24V



ED009
On/Off 5-Pin Relay
Normally open contacts
Plastic bracket
30A @ 12V
Terminals 87 and 87a connected



ED010
On/Off 5-Pin Relay
Normally open contacts
Plastic bracket
20A @ 24V
Terminals 87 and 87a connected



ED540
On/Off 4-Pin Relay
Normally open contacts
Plastic bracket
40A @ 12V



ED541
Fused On/Off 4-Pin Relay
Normally open contacts
30A @ 12V
Fitted with 30A fuse
Seperate metal bracket



ED542
On/Off Heavy Duty 4-Pin Relay
Normally open contacts
70A @ 12V
Seperate metal bracket



ED543
On/Off Heavy Duty 4-Pin Relay
Normally open contacts
50A @ 12V
Seperate metal bracket

SWITCH PANELS



SW600
Three Hole Polished Aluminium Panel
1 x K895 with aircraft style cover
1 x K104 warning light
1 x K599 starter button



SW601
Five Hole Polished Aluminium Panel
2 x K895 (1 with aircraft style cover)
1 x K104 warning light
1 x K103 warning light
1 x K599 starter button



SW602
Three Hole Polished Aluminium Panel
1 x K594 Battery Switch
1 x K104 warning light
1 x K599 starter button



K930
One Hole Panel



K931
Two Hole Panel



K924
One Slot Panel



K925
Two Slot Panel

LIGHTING ACCESSORIES



SW067
Bulb Holder for Side Repeater Lenses

Fits the following:
SW061-5, SW081-5, SW401-5, SW411-5 and SW461-5



K241
Amber Pillar Flash Lamp
Fits on a flat surface
12V, 3W bulb

K244 as above Blue
K240 as above Green
K242 as above Red
K243 as above Clear



K236
Black Number Plate Lamp
Fits on a flat surface
EC approved
12V, 10W bulb



K237
Chrome Effect Number Plate Lamp
Fits on a flat surface
12V, 10W bulb



SSC027
H1 Ceramic Bulb Holder With Wires



SS028
H7 Bulb Holder with 2 Wires



SSC028
H7 Ceramic Bulb Holder with 2 Wires



SS029
H4 Bulb Holder with 3 Wires



SSC029
H4 Ceramic Bulb Holder with 3 Wires

PLUGS AND SOCKETS



SW801
Plastic 7-Pin Trailer Plug



SW802
Plastic 7-Pin Trailer Socket



SW803
Metal 7-Pin Trailer Plug



SW804
Metal 7-Pin Trailer Socket

TERMINALS AND CONNECTORS



Male Terminals

- RSL226** Blue 6.3mm
 - RSL250** Red 4.8mm
 - RSL257** Yellow 6.3mm
 - RSL258** Red 6.3mm
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Female Terminals

- RSL222** Red Radio .111
 - RSL223** Red 4.3mm
 - RSL224** Blue 6.3mm
 - RSL225** Yellow 9.4mm
 - RSL242** Red 6.3mm
 - RSL243** Yellow 6.3mm
-



Female Terminals Insulated

- RSL238** Red 6.3mm
 - RSL239** Blue 6.3mm
 - RSL256** Blue 6.3mm
-



Piggy Back Terminals

- RSL227** Blue 6.3mm
 - RSL252** Red 6.3mm
 - RSL253** Yellow 6.3mm
-



Quick Splice Connectors

- SW1000** Blue 15A
 - SW1001** Red 5A
 - SW1002** Yellow 30A
-



Male Bullet

- RSL220** Blue
- RSL236** Red
- RSL255** Yellow



Female Bullet

RSL221 Blue

RSL237 Red

RSL254 Yellow



Fork Terminals

RSL231 Red 4.3mm

RSL232 Blue 5.3mm

RSL233 Yellow 6.4mm



Ring Terminals

RSL228 Red

4.3mm

RSL229 Blue

5.3mm

RSL230 Yellow

6.4mm

RSL244 Red

5.3mm

RSL246 Blue

6.4mm

RSL249 Yellow

8.4mm

5.3mm

RSL245 Red

6.4mm

RSL247 Blue

8.4mm

RSL250 Yellow

10.5mm

RSL248 Blue

10.5mm

RSL251 Yellow

12.0mm



Butt Splices

RSL234 Blue

RSL235 Red

RSL241 Yellow



Terminal Strips

RSL501 rated at 3A

RSL502 rated at 6A

RSL503 rated at 10A

RSL504 rated at 15A

RSL505 rated at 30A



K257

Plain Brass Male Terminal 6.3mm



K256
Plain Brass Female Terminal 6.3mm



SC886
Plastic Cover For K256

GENERAL ACCESSORIES



K2080

White Tyre Letter Colouring Pen

K2081 as above Silver

K2082 as above Gold



Switches

Battery Switches

180028 Battery Main Switch

Spare key: HC-CARGO 180143, 180619, 181270. Pole: dia. 10 mm.



Voltage: 24
Amp/5 sec.: 500
Amp/cont.: 100

Dist. mount. holes:
38 mm

Type: Battery material:
Plastic no./mounting
holes: 2 key: w/
Protection degree: IP 65

180087 Battery Main Switch

Spare key: HC-CARGO 180202.



Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
100 mm

Type: Battery material:
Metal no./mounting
holes: 2 key: w/
Protection degree: IP 66

180203 Battery Main Switch

Spare key: HC-CARGO 180029, 180619.



Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
100 mm

Type: Battery material:
Plastic no./mounting
holes: 2 no./poles: 2 key:
w/
Protection degree: IP 66

180211 Battery Main Switch

Spare key: HC-CARGO 180288 or 180333. Rubber boot: HC-CARGO 180375.



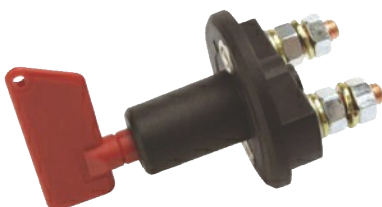
Voltage: 24 Amp/5
sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
100 mm

Type: Battery material:
Metal no./mounting
holes: 2 key: w/
Protection degree: IP 65

180216 Battery Main Switch

Spare key: HC-CARGO 180143, 180619, 181270. Rubber protection cap: HC-CARGO 180374.



Voltage: 24
Amp/5 sec.: 500
Amp/cont.: 100

Dist. mount. holes:
39.5 mm

Type: Battery material:
Plastic no./mounting
holes: 2 key: w/
Protection degree: IP 40

180229 Battery Main Switch*Spare key: HC-CARGO 180029, 180619, 181270. On / Off under load*

Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
100 mm

Type: Battery material:
Plastic no./mounting
holes: 2 key: w/
Protection degree: IP 66

180271 Battery Main Switch*Rubber boot: HC-CARGO 180375. Working temp. -30°C/+65°C.*

Voltage: 12/24
Amp/5 sec.: 1000
Amp/cont.: 300

Dist. mount. holes:
45 mm

Type: Battery material:
Plastic Explosion proof 1:
Yes no./mounting holes:
2 no./poles: M10 key: w/
Waterproof: Yes
Protection degree: IP 65
Approval: SAE J1171

180276 Battery Main Switch*Rubber boot: HC-CARGO 180375. For alternator w/ intergral regulator. w/ D+ contact.*

Voltage: 24 Amp/5
sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
110 mm

Type: Battery material:
Plastic Explosion proof 1:
Yes Explosion proof 2:
Yes no./mounting
holes: 2 no./poles: 2 key:
w/
Waterproof: Yes
Protection degree: IP 67
Approval: ADR

180289 Battery Main Switch*Rubber boot: HC-CARGO 180375.*

Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
M30 mm

Type: Battery material:
Metal no./mounting
holes: 2 key: w/
Protection degree: IP 65

180313 Battery Main Switch*Spare key: HC-CARGO 180143, 181270. Rubber protection cap: HC-CARGO 180374.*

Voltage: 24
Amp/5 sec.: 500
Amp/cont.: 100

Dist. mount. holes:
45 mm

Type: Battery
no./mounting holes: 2
key: w/o
Protection degree: IP 40

180326 Battery Main Switch*Rubber boot: HC-CARGO 180375. w/ rotation/press handle.*

Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
100 mm

Type: Battery
no./mounting holes: 2
Protection degree: IP 65

180596 Battery Main Switch*Spare key: HC-CARGO 180029, 180619.*

Voltage: 24
 Amp/5 sec.: 500
 Amp/cont.: 100

Dist. mount. holes:
 38 mm

Type: Battery material:
 Plastic no./mounting
 holes: 2 key: w/
 resistor: 3 Ohm, 11 W
 sec. circuit: w/
 Protection degree: IP 43

180614 Battery Main Switch*Spare key: HC-CARGO 181578.*

Voltage: 24
 Amp/5 sec.: 1000
 Amp/cont.: 75

Dist. mount. holes:
 38 mm

Type: Battery material:
 Metal no./mounting
 holes: 2 key: w/
 Protection degree: IP 41

181238 Battery Main Switch*Spare key: HC-CARGO 180333. Rubber boot: HC-CARGO 180375.*

Voltage: 24
 Amp/5 sec.: 2500
 Amp/cont.: 250

Dist. mount. holes:
 100 mm

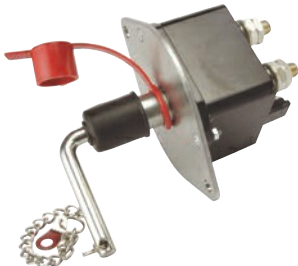
Type: Battery material:
 Metal no./mounting
 holes: 2 key: w/
 Waterproof: Yes
 Protection degree: IP 66

181475 Battery Main Switch*Spare key: HC-CARGO 180288, w/o chain and rubber cap. Rubber boot: HC-CARGO 180375.*

Voltage: 24 Amp/5
 sec.: 2500
 Amp/cont.: 250

Dist. mount. holes:
 100 mm

material: Metal
 no./mounting holes: 2
 key: w/
 Protection degree: IP 65

181599 Battery Main Switch*Rubber boot: HC-CARGO 180375.*

Voltage: 12-24
 Amp/5 sec.: 2500
 Amp/cont.: 250

Dist. mount. holes:
 120 mm

Type: Battery material:
 Metal no./mounting
 holes: 2 no./poles: 4 key:
 w/
 Waterproof: Yes
 Protection degree: IP 66

181613 Battery Main Switch

Voltage: 12-50
 Amp/5 sec.: 1000
 Amp/cont.: 200

Dist. mount. holes:
 104 mm

Type: Battery
 material: PBT
 no./mounting holes: 3
 no./poles: 3
 key: w/o
 Protection degree: IP 54
 Approval: CE

181614 Battery Main Switch

Voltage: 12-50
Amp/5 sec.: 1000
Amp/cont.: 200

Dist. mount. holes:
55 mm

Type: Battery
material: PBT
no./mounting holes: 4
no./poles: 2
key: w/
Protection degree: IP 54
Approval: CE

Water Proof**180272** Battery Main Switch

servicing: Marine - Visit www.hc-cargo.com for further information

Spare key: HC-CARGO 180333. Rubber boot: HC-CARGO 180375.



Voltage: 24 Amp/5
sec.: 1000
Amp/cont.: 150

Dist. mount. holes:
45 mm

Type: Battery material:
Metal Explosion proof 1:
Yes no./mounting holes:
2 key: w/
Waterproof: Yes
Protection degree: IP 67

180274 Battery Main Switch

Rubber boot: HC-CARGO 180375 . For alternator w/ separate regulator.



Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
65 mm

Type: Battery material:
Plastic Explosion proof 1:
Yes no./mounting holes:
2 key: w/ Waterproof:
Yes Protection degree:
IP 67

180275 Battery Main Switch

Rubber boot: HC-CARGO 180375. For alternator w/ intergral regulator. w/ D+ contact.



Voltage: 24 Amp/5
sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
65 mm

Type: Battery material:
Plastic Explosion proof 1:
Yes no./mounting holes:
2 key: w/ Waterproof:
Yes Protection degree:
IP 67

180277 Battery Main Switch

Rubber boot: HC-CARGO 180375 . For alternator w/ separate regulator.



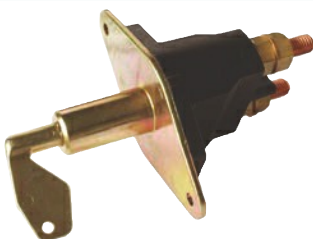
Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Dist. mount. holes:
110 mm

Type: Battery material:
Plastic Explosion proof 1:
Yes Explosion proof 2:
Yes no./mounting
holes: 2 no./poles: 2 key:
w/
Waterproof: Yes
Protection degree: IP 67

180278 Battery Main Switch

Spare key: HC-CARGO 181477. Rubber boot: HC-CARGO 180375.



Voltage: 24
Amp/5 sec.: 3000
Amp/cont.: 300

Dist. mount. holes:
100 mm

Type: Battery material:
Metal Explosion proof 1:
Yes no./mounting holes:
2 key: w/
Waterproof: Yes
Protection degree: IP 67

180338 Battery Main Switch

For alternator w/ separate regulator. w/ secondary circuit 24 V. Rubber boot: HC-CARGO 180375.



Voltage: 24 Amp/5 sec.: 2500 Amp/cont.: 20 Dist. mount. holes: 65 mm

Type: Battery material: Plastic Explosion proof 1: Yes no./mounting holes: 2 key: w/ sec. circuit: w/ Waterproof: Yes Protection degree: IP 67

Remote Control

180280 Pneumatic Remote Control

servicing: HC-CARGO 180279, 180291



Rubber Boots

180374 Terminal Boot

servicing: HC-CARGO 180216, 180313



material: Rubber

180375 Terminal Boot set

servicing: HC-CARGO 180211, 180271, 180272, 180274, 180275, 180276, 180277, 180278, 180289, 180326, 180338, 180238

Supplied in kit of 2 pcs.



material: Rubber

Spare Keys

180029 Key

servicing: HC-CARGO 180028, 180203, 180216, 180229, 180313, 180596



no./pins: 2

180143 Key

servicing: HC-CARGO 180028, 180216, 180313



180202 Key 	servicing: HC-CARGO 180087
180273 Key 	servicing: HC-CARGO 180272
180288 Key 	servicing: HC-CARGO 180211, 180288 no./pins: 2
180333 Key 	servicing: HC-CARGO 180211, 181238 no./pins: 1
180619 Key 	servicing: HC-CARGO 180028, 180203, 180216, 180229, 180596 no./pins: 1
181270 Key 	servicing: HC-CARGO 180028, 180216, 180229, 180313 no./pins: 1
181477 Key 	servicing: HC-CARGO 180278
181578 Key <i>For battery main switch.</i> 	servicing: HC-CARGO 180614

servicing: HC-CARGO 181599

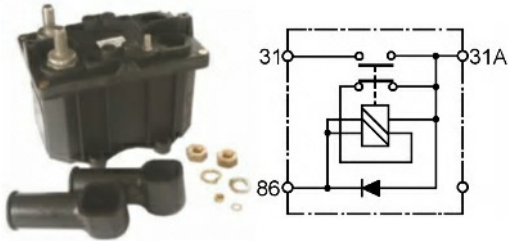
For battery main switch.



Electromagnetic

180232 Battery Switch

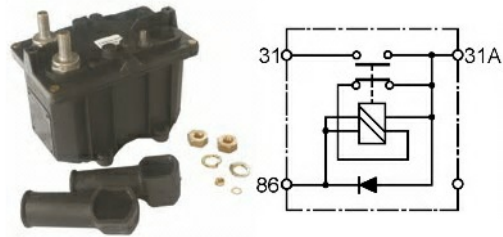
servicing: Industrial vehicles, buses, tractors, lift trucks and boats - Visit www.hc-cargo.com for further information



Voltage: 12 Amp/5
sec.: 2500
Amp/cont.: 250

Type: Electromagnetic
switch: Negative

180233 Battery Switch



Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Type: Electromagnetic
switch: Negative

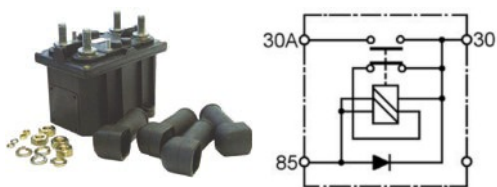
180290 Battery Switch Relay

For serial and parallel conncion of two 12 V batteries in 12 V systems w/ 24 V starter.



Voltage: 12/24
Amp/5 sec.: 1500
(1 sec)
Amp/cont.: 75

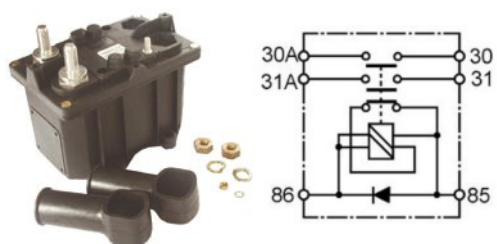
180556 Battery Switch



Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Type: Electromagnetic
switch: Positive/Negative

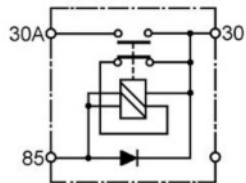
180602 Battery Switch



Voltage: 12
Amp/5 sec.: 2500
Amp/cont.: 250

Type: Electromagnetic
switch: Positive

180603 Battery Switch

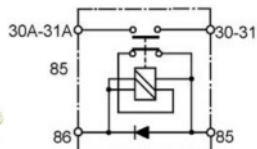


Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 200

Type: Electromagnetic
switch: Positive

180604 Battery Switch

w/ seperate power supply.

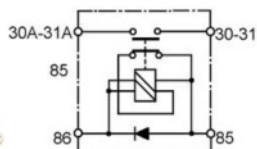


Voltage: 12
Amp/5 sec.: 2500
Amp/cont.: 250

Type: Electromagnetic
switch: Positive/Negative

180605 Battery Switch

w/ seperate power supply.

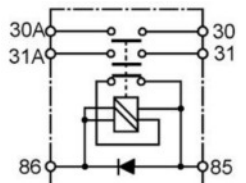


Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 200

Type: Electromagnetic
switch: Positive/Negative

181476 Battery Switch

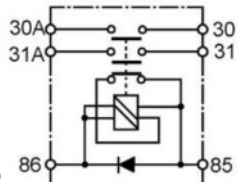
Plug: HC-CARGO 181545.



Voltage: 24
Amp/5 sec.: 2500
Amp/cont.: 250

Type: Electromagnetic
Explosion proof 1: Y e s
Explosion proof 2: Y e s
switch: Positive/Negative
no./mounting holes: 4
no./poles: 4
Approval: Ex

181562 Battery Switch



Voltage: 12
Amp/5 sec.: 2500
Amp/cont.: 250

switch: Positive/Negative

Emergency Stop Switches

181247 Emergency Stop Button

Emergency stop button operable w/ push button, turn for reset.



Protection degree: IP 65

181271 Emergency Stop Button

Emergency stop button operable w/ push button, turn for reset.



Protection degree: IP 66

Control Boxes

181244 Control Box



Voltage/AC 1: 220
Voltage/DC 1: 24
Voltage/AC 2: 380
Voltage/DC 2: 48
Voltage/AC 3: 500
Voltage/DC 3: 100
Amp/max 1: 5
Amp/max 2: 4.5
Amp/max 3: 4
Amp/max 4: 3
Amp/max 5: 2

buttons: 2
Protection degree: IP 65

181245 Control Box



Voltage/AC 1: 220
Voltage/DC 1: 24
Voltage/AC 2: 380
Voltage/DC 2: 48
Voltage/AC 3: 500
Voltage/DC 3: 100
Amp/max 1: 5
Amp/max 2: 4.5
Amp/max 3: 4
Amp/max 4: 3
Amp/max 5: 2

buttons: 3
Protection degree: IP 65

181246 Control Box



Voltage/AC 1: 220
Voltage/DC 1: 24
Voltage/AC 2: 380
Voltage/DC 2: 48
Voltage/AC 3: 500
Voltage/DC 3: 100
Amp/max 1: 5
Amp/max 2: 4.5
Amp/max 3: 4
Amp/max 4: 3
Amp/max 5: 2

buttons: 2
Protection degree: IP 65

181540 Remote Lift Control Set

Set of hand transmitter, receiver and antenna. Individual coding. Coverage 50-125 m. w/o emergency stop.

servicing: Lift, doors, ports, winches, hoists etc - Visit www.hc-cargo.com for further information



Voltage/AC 1: 12
Voltage/DC 1: 12
Voltage/AC 2: 24
Voltage/DC 2: 24

buttons: 3
Protection degree: IP 65

181577 Control Box

For tail lift.



Voltage/DC 1:
12-24

buttons: 3
Protection degree: IP 65

Ignition/Light

180045 Ignition/Light Switch

Spare key: HC-CARGO 180341.



mount. hole size:
26.5 mm

switch combination: Parkinglight-off-
ignition-sidelight-DRL
no./keys: 2
Terminals: 6

180324 Ignition/Light Switch

Spare key: HC-CARGO 180341.



mount. hole size:
26.5 mm

switch combination: Parkinglight-off-
ignition-sidelight-DRL
no./keys: 2
Terminals: 7

Ignition Starter

180025 Ignition Starter Switch

Spare key: HC-CARGO 180339.



mount. hole size:
18.5 mm

switch combination: Off-Start
no./keys: 2
Terminals: 3

180027 Ignition Starter Switch

Spare key: HC-CARGO 180339. Multiplug: HC-CARGO 181597.



mount. hole size:
18.5 mm

switch combination: Off-ignition-start
no./keys: 2
Terminals: 5

180041 Ignition Starter Switch

Spare key: HC-CARGO 180340.



mount. hole size:
26.5 mm

switch combination: Parking light-off-
start
no./keys: 2
Terminals: 7
Protection degree: IP 63
Din norm: 40050

180043 Ignition Starter Switch

Spare key: HC-CARGO 180339.



mount. hole size:
18.5 mm

switch combination: Off-aux-ignition-
start
no./keys: 2
Terminals: 4

181518 Ignition Starter Switch

Spare key: HC-CARGO 180339.

mount. hole size:
22.5 mmswitch combination: Off-ignition-start
no./keys: 2
Terminals: 5
Positions: 1 (start)**Diesel Starter****180044** Ignition Switch

servicing: Deutz, IH

Supplied w/ 2 keys. Spare key: HC-CARGO 180340. Multiplug: HC-CARGO 181595, 181596.

mount. hole size:
26.5 mmswitch combination: Parking light-off-
ignition-glow-start
Terminals: 10
Protection degree: IP 63
Din norm: 40050**181235** Ignition Switchservicing: Massey Ferguson - Visit www.hc-cargo.com for further information

Spare key: HC-CARGO 181465.

mount. hole size:
16 mmswitch combination: Off-ignition-glow-
start
no./keys: 2
Terminals: 6
Positions: 4**181236** Ignition Switchservicing: Massey Ferguson - Visit www.hc-cargo.com for further information

Spare key: HC-CARGO 181465.

mount. hole size:
16 mmswitch combination: Off-ignition-start
no./keys: 2
Terminals: 4
Positions: 4**181237** Ignition Switchservicing: Massey Ferguson - Visit www.hc-cargo.com for further information

Spare key: HC-CARGO 181465.

mount. hole size:
16 mmswitch combination: Off-aux-ignition-
glow-start
no./keys: 2
Terminals: 7
Positions: 5**Rubber Boots****181598** Rubber Boot

servicing: HC-CARGO 180044



Spare Parts

180339 Spare Key

servicing: HC-CARGO 180025, 180027, 180043, 181518



180340 Spare Key

servicing: HC-CARGO 180041, 180044



180341 Spare Key

servicing: HC-CARGO 180045, 180324



181465 Spare Key

servicing: HC-CARGO 181235, 181236, 181237

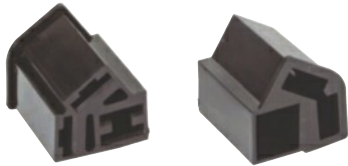


material: Metal

181595 Central Plug Connector

servicing: HC-CARGO 180044

DIN 46340. Used w/ HC-CARGO 181596.



Type: Socket
Type/terminal: 9.5x1.2
Colour: Black
no./poles: 4
Plug: Female

181596 Central Plug Connector

servicing: HC-CARGO 180044

DIN 46340. Used w/ HC-CARGO 181595.



Type: Socket
Type/terminal: 6.3x0.8
Colour: Black
no./poles: 6
Plug: Female

181597 Central Plug Connector

servicing: HC-CARGO 180027



Type: Socket
Colour: Black
no./poles: 6
Plug: Female

Switches Rotating

180007 3-Way Switch



Voltage: 12/24
Watt: 3

Mount. hole size: 26 mm

socket type: BA7s
Button colour: Black
switch: On/Off/On
Terminals: 7
illuminated: Yes Bulb
incl.: No

180156 Rotating Switch

Comes w/ 3 lenses. Red/yellow/green.



Voltage: 12
Amp: 15

Mount. hole size: 12.5 mm

Button colour: Black
switch: On/Off
Terminals: 4
Bulb: Wedge-base
illuminated: Yes
Bulb incl.: Yes
protection degree: IP 53

180158 Rotating Switch

For light, fan etc.



Voltage: 12
Amp: 15
Voltage 2: 24
Amp 2: 7.5

Mount. hole size: 12.5 mm

Button colour: Black
Terminals: 5
protection degree: IP 53
positions: 0-1-2-3

180314 Rotating Switch

w/ blower symbol.



Voltage: 12
Amp: 15
Voltage 2: 24
Amp 2: 7.5

Mount. hole size: 12.5 mm

Button colour: Black
Button symbol: Blower
Terminals: 3
protection degree: IP 53
positions: 0-1-2

Accessories

180159 Multi Socket

For HC-CARGO 180158.



Mini Rocker

180597 Mini Rocker Switch



Voltage: 12
Amp: 20
Voltage 2: 24
Amp 2: 10

Mount. hole size: 21 mm

switch: On/Off
Terminals: 2

180598 Mini Rocker Switch



Voltage: 12
Amp: 20

Mount. hole size: 21 mm

Type/terminal: Flat
Button colour: Orange
switch: On/Off
Terminals: 3
illuminated: Yes

180599 Mini Rocker Switch		servicing: Citroen, Fiat - Visit www.hc-cargo.com for further information	
	Voltage: 12 Amp: 20	Mount. hole size: 21 mm	Type/terminal: Flat Button colour: Red switch: On/Off Terminals: 3 illuminated: Yes
180600 Mini Rocker Switch			
	Voltage: 12 Amp: 10	Mount. hole size: 21 mm	Button colour: Black switch: On/On Terminals: 3
180601 Mini Rocker Switch			
	Voltage: 12 Amp: 20	Mount. hole size: 20 mm	Type/terminal: Flat Button colour: Red switch: On/Off Terminals: 3 Bulb: LED illuminated: Yes
180627 Mini Rocker Switch			
	Voltage: 12 Amp: 20	Mount. hole size: 21 mm	Type/terminal: Flat Button colour: Blue switch: On/Off Terminals: 3 illuminated: Yes
180628 Mini Rocker Switch			
	Voltage: 12 Amp: 20	Mount. hole size: 21 mm	Type/terminal: Flat Button colour: Green switch: On/Off Terminals: 3 illuminated: Yes
181557 Mini Rocker Switch			
	Voltage: 12 Amp: 20	Mount. hole size: 20 mm	Button colour: Orange switch: On/Off Material: Plastic Bulb: LED Automatic return: No
181558 Mini Rocker Switch			
	Voltage: 12 Amp: 20	Mount. hole size: 20 mm	Type/terminal: Flat Button colour: Blue switch: On/Off Material: Plastic Terminals: 3 Bulb: LED illuminated: Yes Automatic return: No

181559 Mini Rocker Switch			
	Voltage: 12 Amp: 20	Mount. hole size: 20 mm	Type/terminal: Flat Button colour: Green switch: On/Off Material: Plastic Terminals: 3 Bulb: LED illuminated: Yes Automatic return: No
181607 Mini Rocker Switch			
	Voltage: 24 Amp: 10	Mount. hole size: 21 mm	Type/terminal: Flat Button colour: Red switch: On/Off Terminals: 3 Bulb: LED illuminated: Yes
181608 Mini Rocker Switch			
	Voltage: 24 Amp: 10	Mount. hole size: 20 mm	Type/terminal: Flat Button colour: Orange switch: On/Off Terminals: 3 Bulb: LED illuminated: Yes
181609 Mini Rocker Switch			
	Voltage: 24 Amp: 10	Mount. hole size: 20 mm	Type/terminal: Flat Button colour: Blue switch: On/Off Terminals: 3 Bulb: LED illuminated: Yes
181610 Mini Rocker Switch			
	Voltage: 24 Amp: 10	Mount. hole size: 20 mm	Type/terminal: Flat Button colour: Green switch: On/Off Terminals: 3 Bulb: LED illuminated: Yes
Rocker			
180090 Rocker Switch			
	Voltage: 12 Amp: 16 Voltage 2: 24 Amp 2: 8	Mount. hole size: 28.5x11.5 mm	switch: On/Off No./terminals w/screw: 2
180099 Rocker Switch			
<i>Supplied w/ 12 V bulb.</i>			
	Voltage: 12 Amp: 16	Mount. hole size: 28.5x11.5 mm	Button colour: Blue switch: On/Off No./terminals w/screw: 3 illuminated: Yes

180100 Rocker Switch*Supplied w/ 12 V bulb.*

Voltage: 12
Amp: 16

Mount. hole size:
28.5x11.5 mm

Button colour: Green
switch: On/Off
No./terminals w/screw: 3
illuminated: Yes

180101 Rocker Switch*Supplied w/ 12 V bulb.*

Voltage: 12
Amp: 16

Mount. hole size:
28.5x11.5 mm

Button colour: Red
switch: On/Off
No./terminals w/screw: 3
illuminated: Yes

180176 Rocker Switch

Voltage: 12
Amp: 10
Voltage 2: 24
Amp 2: 5

Mount. hole size: 12.5 mm

switch: On/Off
Terminals: 2

180177 Rocker Switch*Supplied w/ 12 V bulb.*

Voltage: 12
Amp: 10

Mount. hole size: 12.5 mm

Button colour: Blue
switch: On/Off
No./terminals w/screw: 3
illuminated: Yes

180178 Rocker Switch*Supplied w/ 12 V bulb.*

Voltage: 12
Amp: 10

Mount. hole size: 12.5 mm

Button colour: Green
switch: On/Off
No./terminals w/screw: 3
illuminated: Yes

180179 Rocker Switch*Supplied w/ 12 V bulb.*

Voltage: 12
Amp: 10

Mount. hole size: 12.5 mm

Button colour: Red
switch: On/Off
No./terminals w/screw: 3
illuminated: Yes

180180 Rocker Switch*Supplied w/ 12 V bulb.*

Voltage: 12
Amp: 10

Mount. hole size: 12.5 mm

Button colour: Orange
switch: On/Off
No./terminals w/screw: 3
illuminated: Yes

180206 Rocker Switch

servicing: HC-CARGO 180208

w/o symbol plate. Illuminated w/ location and function light. Bulb: HC-CARGO 181615, 181667 (LED).

Voltage: 12
Amp: 16
Watt: 1.2

Mount. hole size:
22.1x44.1 mm

socket type: T5
switch: On/Off
No./terminals w/screw: 4
Bulb: HC-CARGO 170758
illuminated: Yes
Bulb incl.: Yes

180207 Rocker Switch

servicing: HC-CARGO 180208

w/o symbol plate. Illuminated w/ location and function light. Bulb: HC-CARGO 181632, 181668 (LED).

Voltage: 24
Amp: 8 Watt:
1.2

Mount. hole size:
22.1x44.1 mm

socket type: T5
switch: On/Off
No./terminals w/screw: 4
illuminated: Yes
Bulb incl.: Yes

181546 Rocker Switch

servicing: HC-CARGO 180208

w/o symbol plate. Illuminated w/ location and function light. Bulb: HC-CARGO 181615, 181667 (LED), 181632, 181668 (LED).

Voltage: 12/24

Mount. hole size:
22.1x44.1 mm

Type/terminal: Flat
switch: (On)/Off/(On)
Terminals: 6
Bulb incl.: No
Automatic return: Yes

181554 Rocker Switch

Voltage: 12
Amp: 16

Mount. hole size: 12.5 mm

Button colour: Orange
switch: On/Off
Material: Plastic
Terminals: 2
Bulb: LED
Automatic return: No

**181555** Rocker Switch

Voltage: 12
Amp: 16

Mount. hole size: 12.5 mm

Button colour: Green
switch: On/Off
Material: Plastic
Terminals: 2
Bulb: LED
Automatic return: No

**181556** Rocker Switch

Voltage: 12
Amp: 16

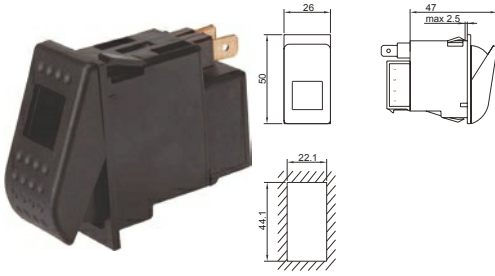
Mount. hole size: 12.5 mm

Button colour: Red
switch: On/Off
Material: Plastic
Terminals: 2
Bulb: LED
Automatic return: No



181638 Rocker Switch

w/o symbol plate. Illuminated w/ location and function light. Bulb: HC-CARGO 181615, 181667 (LED).



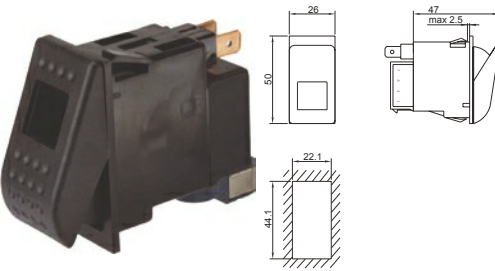
Voltage: 12
Amp: 16
Watt: 1.2

Mount. hole size:
22.1x44.1 mm

socket type: T5
switch: On/Off
No./terminals w/screw: 4
Bulb incl.: Yes Automatic
return: Yes

181639 Rocker Switch

w/o symbol plate. Illuminated w/ location and function light. Bulb: HC-CARGO 181632, 181668 (LED).



Voltage: 24
Amp: 8
Watt: 1.2

Mount. hole size:
22.1x44.1 mm

socket type: T5
switch: On/Off
No./terminals w/screw: 4
Bulb incl.: Yes Automatic
return: Yes

181640 Rocker Switch

w/o symbol plate. Illuminated w/ location and function light. Bulb: HC-CARGO 181615, 181667 (LED), 181632, 181668 (LED).



Voltage: 12/24

Mount. hole size:
22.1x44.1 mm

Type/terminal: Flat
switch: (On)/Off/(On)
Terminals: 6
Bulb incl.: No
Automatic return: Yes

211123 Rocker Switch

servicing: HC-CARGO 211083, 211097



Voltage: 12/24

Type/terminal: Flat
Terminals: 3

Accessories**180208** Multi Plug

servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640

For SWF-type switches. Terminal: HC-CARGO 19025, 190868, 192377, 192376, 191029.



Type/terminal: Flat
No./poles: 8
plug: Female

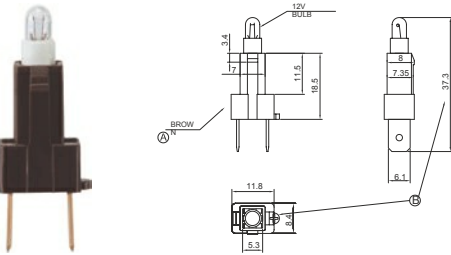
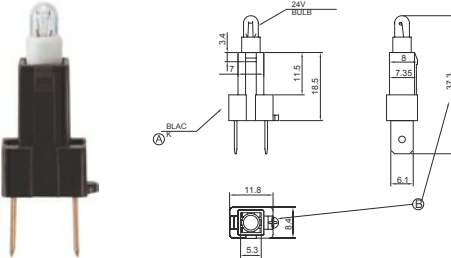
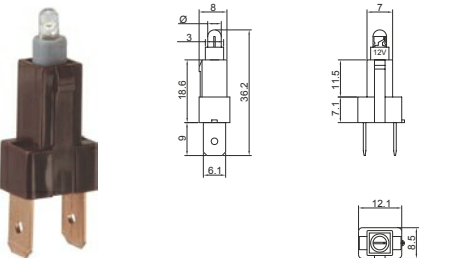
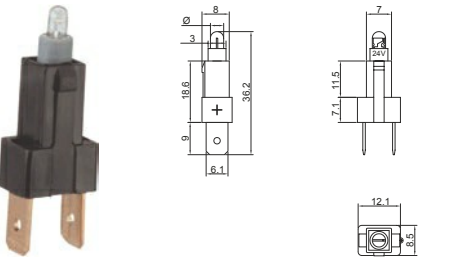



181561 Plastic Module Panel









servicing: HC-CARGO 180090, 180099, 180100, 180101









1 hole.











Mount. hole size:
28.5x11.5 mm

	<p>Voltage: 12</p>		
<p>181632 Bulb Holder 24 V servicing: HC-CARGO 180207, 181546, 181639, 181640</p>			
	<p>Voltage: 24</p>		
<p>181667 Bulb Holder 12 V LED servicing: HC-CARGO 180206, 181546, 181667, 181640</p>			
	<p>Voltage: 12</p>		
<p>181668 Bulb Holder 24 V LED servicing: HC-CARGO 180207, 181546, 181639, 181640</p>			
	<p>Voltage: 24</p>		
<p>180209 Symbol Plate servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640</p>			
			<p>colour: Yellow symbol: Rotating beacon</p>
<p>180210 Symbol Plate servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640</p>			
			<p>colour: Green symbol: Work Light, front</p>
<p>181462 Symbol Plate servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640</p>			
			<p>colour: Green</p>

181663 Symbol Plate 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	colour: Red
181641 Symbol Plate 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	colour: Green symbol: High Beam
181642 Symbol Plate 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	colour: Green symbol: Fog Light
181643 Symbol Plate 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	colour: Black symbol: Parking light
181644 Symbol Plate 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	colour: Red symbol: Hazard Warning Lamp
181645 Symbol Plate 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	colour: Black symbol: Interior Lighting
181646 Symbol Plate 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	colour: Green symbol: Work Light
181647 Symbol Plate 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	colour: Green symbol: Work Light

servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640		
		colour: Black symbol: Loading Floor Lamp
181649 Symbol Plate servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640		
		colour: Green symbol: Rotating beacon
181650 Symbol Plate servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640		
		colour: Green symbol: Wiper & Washer
181651 Symbol Plate servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640		
		colour: Green symbol: Horn
181652 Symbol Plate servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640		
		colour: Green symbol: Blower
181653 Symbol Plate servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640		
		colour: Green symbol: Washer
181654 Symbol Plate servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640		
		colour: Green symbol: Windscreen Wiper
181655 Symbol Plate servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640		
		colour: Green symbol: Seat Heating

181656 Symbol Plate 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	colour: Green symbol: Parking Brake
181657 Symbol Plate 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	colour: Green symbol: Indicator
181658 Symbol Plate 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	colour: Green symbol: Rear Window Wiper
181659 Symbol Plate 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	colour: Green symbol: Rear Windscreen Wash
181660 Symbol Plate 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	colour: White symbol: Heating & Ventilation
181661 Blind cover 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	
181662 Plastic Module Panel 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	
181663 Plastic Module Panel <i>Can be assembled in rows.</i> 	servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640	

servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640

Can be assembled in rows (end piece.)



181665 Plastic Module Panel

servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640

3 holes.



181666 Plastic Module Panel

servicing: HC-CARGO 180206, 180207, 181546, 181638, 181639, 181640

6 holes.



Toggle

Metal Arm

180039 3-Way Switch

For steering column of 35-40 mm.



Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8
Watt: 1.5

socket type: T-1 1/2
Button colour: Green
Bulb: T 1 1/2 Midget
illuminated: Yes Bulb
incl.: Yes

180048 3-Way Switch



Voltage: 12
Amp: 20

Mount. hole size: 12.5 mm

Button colour: Black
switch: On/Off/On
Terminals: 3

180584 Toggle Switch



Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8

Mount. hole size: 12 mm

switch: On/Off
Material: Metal
Terminals: 2
Arm: Short

180585 Toggle Switch



Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8

Mount. hole size: 12 mm

switch: On/(On)
Material: Metal
Terminals: 3
Arm: Short

180586 Toggle Switch

Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8

Mount. hole size: 12 mm

switch: On/On
Material: Metal
Terminals: 3
Arm: Short

180587 Toggle Switch

Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8

Mount. hole size: 12 mm

switch: (On)/Off/(On)
Material: Metal
Terminals: 3
Arm: Short

180588 Toggle Switch

servicing: Ford - Visit www.hc-cargo.com for further information



Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8

Mount. hole size: 12 mm

switch: On/Off/(On)
Material: Metal
Terminals: 3
Arm: Short

180589 Toggle Switch

Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8

Mount. hole size: 12 mm

switch: On/Off/On
Material: Metal
Terminals: 3
Arm: Short

180590 Toggle Switch

Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8

Mount. hole size: 12 mm

switch: On/Off
Material: Metal
Terminals: 4
Arm: Short
2 poles: w/

180591 Toggle Switch

Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8

Mount. hole size: 12 mm

switch: On/On
Material: Metal
Terminals: 6
Arm: Short
2 poles: w/

180592 Toggle Switch

Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8

Mount. hole size: 12 mm

switch: (On)/Off/(On)
Material: Metal
Terminals: 6
Arm: Short
2 poles: w/

180593 Toggle Switch

Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8

Mount. hole size: 12 mm

switch: On/Off/(On)
Material: Metal
Terminals: 6
Arm: Short
2 poles: w/

180594 Toggle Switch

Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8

Mount. hole size: 12 mm

switch: On/Off/On
Material: Metal
Terminals: 6 Arm:
Short
2 poles: w/

180618 Toggle Switch

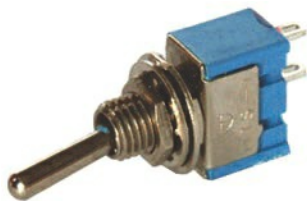
Voltage: 12
Amp: 6
Voltage 2: 24
Amp 2: 3

Mount. hole size: 12 mm

switch: (On)/Off/(On)
Material: Metal
Terminals: 3
Arm: Long

181276 Mini Toggle Switch

Mini.



Voltage: 12
Amp: 6
Voltage 2: 24
Amp 2: 3

Mount. hole size: 6 mm

switch: On/Off
Material: Metal
Terminals: 2
Arm: Short

181277 Mini Toggle Switch

Mini.



Voltage: 12
Amp: 6
Voltage 2: 24
Amp 2: 3

Mount. hole size: 6 mm

switch: On/On
Material: Metal
Terminals: 3
Arm: Short

181278 Mini Toggle Switch

Voltage: 12
Amp: 6
Voltage 2: 24
Amp 2: 3

Mount. hole size: 6 mm

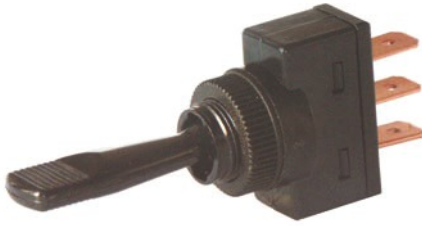
switch: On/Off/On
Material: Metal
Terminals: 3 Arm:
Short

PLAST Arm**180018 Toggle Switch**

Voltage: 12
Amp: 10
Voltage 2: 24
Amp 2: 5

Mount. hole size: 12.5 mm

colour: Black
switch: On/Off
Terminals: 2
Arm: Long

180036 3-Way Switch

Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8

Mount. hole size: 12.5 mm

Button colour: Black
switch: On/Off/On
Terminals: 3

180088 Toggle Switch

Voltage: 12
Amp: 16
Voltage 2: 24
Amp 2: 8

Mount. hole size: 12.5 mm

colour: Black
switch: Off/(On)
Terminals: 2
Arm: Short

180091 Toggle Switch

Voltage: 12
Amp: 10

Mount. hole size: 12.5 mm

colour: Blue
switch: On/Off
Terminals: 3
Arm: Short
illuminated: Yes
Bulb incl.: Yes

180092 Toggle Switch

Voltage: 12
Amp: 10

Mount. hole size: 12.5 mm

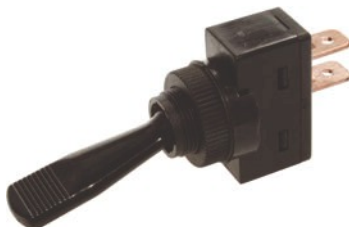
colour: Green
switch: On/Off
Terminals: 3
Arm: Short
illuminated: Yes
Bulb incl.: Yes

180094 Toggle Switch

Voltage: 12
Amp: 10

Mount. hole size: 12.5 mm

colour: Red
switch: On/Off
Terminals: 3
Arm: Short
illuminated: Yes
Bulb incl.: Yes

180140 Toggle Switch

Voltage: 12
Amp: 10
Voltage 2: 24
Amp 2: 5

Mount. hole size: 12.5 mm

colour: Black
switch: On/Off
Terminals: 2
Arm: Short

180141 Toggle Switch

Voltage: 12
Amp: 5
Voltage 2: 24
Amp 2: 2.5

Mount. hole size: 12.5 mm

colour: Black
switch: On/On
Terminals: 3
Arm: Short
2 poles: w/

servicing: HC-CARGO 180584-594			
			Material: Rubber
181551 Cover For Toggle Switch servicing: HC-CARGO 180584, 180594			
			colour: Red Automatic return: Yes
181552 Cover For Toggle Switch servicing: HC-CAROG 180584, 180594			
			colour: Yellow Automatic return: Yes
181553 Plastic Module Panel			
<i>1 hole.</i>			
		Mount. hole size: 12 mm	
Push-Pull			
180010 Push/Pull Switch			
<i>For lights ect.</i>			
	Voltage: 12	Mount. hole size: 10 mm	Button colour: Black switch: On/Off/On
180021 Push/Pull Switch			
<i>Max. 3 W BA 7 bulb.</i>			
	Voltage: 12 Amp: 6 Voltage 2: 24 Amp 2: 3	Mount. hole size: 12.5 mm	Type/terminal: Flat Button colour: Orange switch: On/Off Terminals: 2 illuminated: Yes Bulb incl.: No
180022 Push/Pull Switch			
<i>Max. 3 W BA 7 bulb.</i>			
	Voltage: 12 Amp: 6 Voltage 2: 24 Amp 2: 3	Mount. hole size: 12.5 mm	Type/terminal: Terminal Button colour: Green switch: On/Off Terminals: 2 illuminated: Yes Bulb incl.: No

180023 Push/Pull Switch*Max. 3 W BA 7 bulb.*

Voltage: 12
Amp: 6
Voltage 2: 24
Amp 2: 3

Mount. hole size: 12.5 mm

Type/terminal: Terminal
Button colour: Red
switch: On/Off
Terminals: 2
illuminated: Yes
Bulb incl.: No

180103 Push/Pull Switch

Voltage: 12
Amp: 25
Voltage 2: 24
Amp 2: 12.5

Neck: Short
Mount. hole size: 8 mm

Type/terminal: Screw
Button colour: Black
switch: On/Off
No./terminals w/screw: 2
illuminated: No

180104 Push/Pull Switch

Voltage: 12
Amp: 25
Voltage 2: 24
Amp 2: 12.5

Neck: Long
Mount. hole size: 8 mm

Button colour: Black
switch: On/Off
No./terminals w/screw: 2

181233 Push/Pull Switch

Voltage: 12
Amp: 25
Voltage 2: 24
Amp 2: 12.5

Neck: Short
Mount. hole size: 8 mm

Type/terminal: Flat
Button colour: Black
switch: On/Off
Terminals: 2

Push Button**180040** Push Button Switch*Rubber moulded boot on front.*

Voltage: 12
Amp: 25
Voltage 2: 24
Amp 2: 12.5

Mount. hole size: 22.5 mm

switch: Off/(On)
No./terminals w/screw: 2
Moulded: Yes
diN norm: 72764

180047 Push Button Switch

Voltage: 12/24

Mount. hole size: 12.5 mm

Button colour: Black
switch: Off/(On)
No./terminals w/screw: 1

180049 Push Button Switch

Voltage: 12
Amp: 25
Voltage 2: 24
Amp 2: 12.5

Mount. hole size: 22.5 mm

Button colour: Black
switch: Off/(On)
No./terminals w/screw: 2
diN norm: 72764

180120 Push Button Switch

Voltage: 12
Amp: 35
Voltage 2: 24
Amp 2: 17.5

Mount. hole size: 8.5 mm

Button colour: White
switch: Off/(On) Material:
Metal No./terminals
w/screw: 2 silver contact:
Yes

180121 Push Button Switch

Voltage: 12
Amp: 25
Voltage 2: 24
Amp 2: 12.5

Mount. hole size: 22 mm

Button colour: Black
switch: Off/(On) Material:
Metal No./terminals
w/screw: 2 diN norm:
72764

180215 Push Button Switch

Voltage: 12
Amp: 25
Voltage 2: 24
Amp 2: 12.5

Mount. hole size: 22.5 mm

switch: Off/(On)
No./terminals w/screw: 2
Moulded: Yes
silver contact: Yes

180400 Push Button Switch

Depth: 20 mm.



Voltage: 12
Amp: 7
Voltage 2: 24
Amp 2: 3.5

Mount. hole size: 15.5 mm

Type/terminal: Screw
Button colour: Black
switch: Off/(On)
No./terminals w/screw: 2

Spare Parts**181272 Rubber Boot**

servicing: HC-CARGO 180049, 180040, 180215

Moulded.



od: 28.3 mm
l length: 18 mm

colour: Black
Material: Rubber

Push-Push**180123 On/Off Switch**

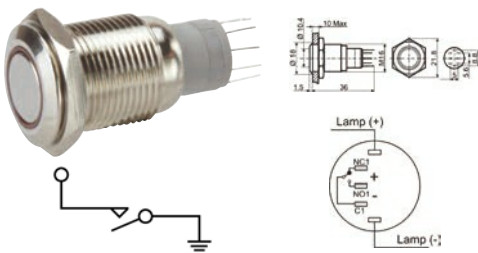
Voltage: 12/24

Mount. hole size: 8 mm

Button colour: White
switch: On/Off
No./terminals w/screw: 2

181564 Push Button Switch

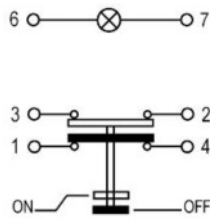
Illuminated ring. Vandal proof.



Voltage: 12/24
Amp: <2
Voltage 2: 250
Amp 2: 3

Mount. hole size: 16 mm

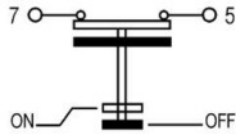
Type/terminal: Solder
socket type: LED
colour: Red
switch: On/Off
Material: Nickel plated brass
Moulded: No
silver contact: Yes
protection degree: IP 67

181251 Push Switch

Voltage: 12
Amp: 50
Voltage 2: 24
Amp 2: 25

Mount. hole size: 30.5 mm

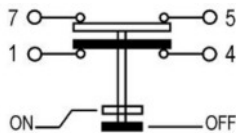
Button symbol: Rotating beacon
switch: On/Off
No./terminals w/screw: 6
illuminated: Yes
diN norm: 40053
protection degree: IP 67

181252 Push Switch

Voltage: 12
Amp: 50
Voltage 2: 24
Amp 2: 25

Mount. hole size: 30.5 mm

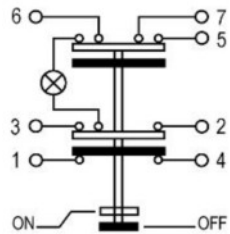
Button symbol: Start
switch: On/Off
No./terminals w/screw: 2
diN norm: 40053
protection degree: IP 67

181253 Push Switch

Voltage: 12
Amp: 50
Voltage 2: 24
Amp 2: 25

Mount. hole size: 30.5 mm

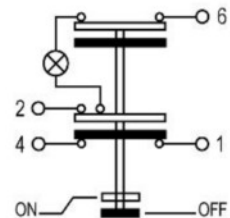
Button symbol: Adjustable light
switch: On/Off
No./terminals w/screw: 4
illuminated: Yes
diN norm: 40053
protection degree: IP 67

181256 Push Switch

Voltage: 12
Amp: 50
Voltage 2: 24
Amp 2: 25

Mount. hole size: 30.5 mm

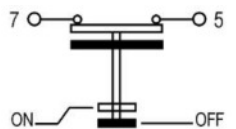
Button symbol: Hazard Warning Lamp
switch: On/Off
No./terminals w/screw: 7
illuminated: Yes
Automatic return: Yes
diN norm: 40053
protection degree: IP 67

181257 Push Switch

Voltage: 12
Amp: 50
Voltage 2: 24
Amp 2: 25

Mount. hole size: 30.5 mm

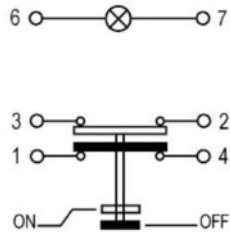
Button symbol: Sidemarkers
switch: On/Off
No./terminals w/screw: 4
illuminated: Yes
diN norm: 40053
protection degree: IP 67

181258 Push Switch

Voltage: 12
Amp: 50
Voltage 2: 24
Amp 2: 25

Mount. hole size: 30.5 mm

Button symbol: Horn
switch: On/Off
No./terminals w/screw: 2
diN norm: 40053
protection degree: IP 67

181263 Push Switch

Voltage: 12
Amp: 50
Voltage 2: 24
Amp 2: 25

Mount. hole size: 30.5 mm

switch: On/Off
No./terminals w/screw: 6
illuminated: Yes
Automatic return: Yes diN
norm: 40053 protection
degree: IP 67

181264 Multi Socket

servicing: Renault - Visit www.hc-cargo.com for further information

For multi purpose switches.



Type/terminal: Flat
No./poles: 7

Door & Burglar Alarm**180254 Door Switch**

Universal.



l 1 dim.: 10-15 mm
l 2 dim.: 0-20 mm
l 2/self adjustable: Yes

Terminals: 1

180255 Door Switch

Universal.



l 1 dim.: 10-15 mm
l 2 dim.: 0-20 mm
l 2/self adjustable: Yes

Terminals: 2

180261 Door Switch For

luggage compartment.



l 1 dim.: 15 mm
l 2 dim.: 49 mm
l 2/self adjustable: Yes

Terminals: 1

180263 Door Switch

servicing: Austin, Rover - Visit www.hc-cargo.com for further information



l 1 dim.: 13 mm
l 2 dim.: 15 mm

Terminals: 1

180265 Door Switchservicing: Fiat, Seat - Visit www.hc-cargo.com for further informationl 1 dim.: 12 mm l 2
dim.: 9 mm

Terminals: 1

180266 Door Switchservicing: Fiat Uno - Visit www.hc-cargo.com for further informationl 1 dim.: 15 mm l 2
dim.: 9 mm

Terminals: 2

180268 Door/Alarm Switch*Universal.*l 1 dim.: 11 mm
l 2 dim.: 22 mm
dist. mount. holes: 22 mm

Terminals: 1

180269 Door Switch*Universal.*l 1 dim.: 12 mm
l 2 dim.: 4.5 mm
dist. mount. holes: 22 mm

Terminals: 1

180529 Door Switch*Universal.*l 1 dim.: 14.5 mm
l 2 dim.: 12 mm
dist. mount. holes: 30 mm

Terminals: 2

180625 Door/Alarm Switch *Universal.**Suitable for cutting to length.*l 1 dim.: 15 mm
l 2 dim.: 40 mm

Terminals: 1