

A red-tinted photograph of a mining operation. In the foreground, a large Volvo excavator is shown from the side, its arm extended and bucket full of dark, rocky material. The excavator is positioned on a pile of similar material. In the background, a large truck is partially visible, and the overall scene is set in a hilly, mining environment. The entire image has a strong red color cast.

UME

MINING SUPPLIES

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MAHLE
ORIGINAL

Leece-Neville
HEAVY DUTY SYSTEMS

Delco Remy
GENUINE PRODUCTS

C.E. Niehoff & Co.
CHARGING AND POWER MANAGEMENT SYSTEMS

BOSCH

APE
AUTO POWER ELECTRONICS

**ELECTRO
MECANICA
CORMAR**

SEGER

ECCO

Prestolite
electric

KLIXON

Cole Hersee Co.

LEMANIA ENERGY

MURPHY
reliable innovation

HPI

Victor
Make the safe connection

NORDICLIGHTS

ECCO

PRATLEY

3M

DEUTSCH

STANLEY

HELLA

GEDORE

KING TONY

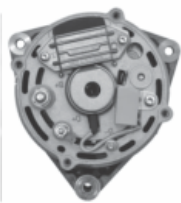
FLUKE

HellermannTyton

SPANJAARD

KILING

VDO

**IA0499**

CASE, CLAAS, DRESSER,
EICHER, FENDT, FORD,
NEW HOLLAND, IVECO,
MAGIRUS-DEUTZ, M/BENZ,
SCHULTER, STEYR

MAHLE
ALTERNATOR
14V, 65A

Electrolog Nr:
ALT7943

MAHLE
ORIGINAL**IA0555**

IVECO / FIAT

MAHLE
ALTERNATOR
28V, 55A

Electrolog Nr:
ALT7946

MAHLE
ORIGINAL**IA0595**

BOMAG, CASE, FORD,
JOHN DEERE,
INGERSOLL RAND,
NEW HOLLAND

MAHLE
ALTERNATOR
14V, 65A

Electrolog Nr:
ALT7923

MAHLE
ORIGINAL**IA0759**

CASE, CDC-CASE,
JOHN DEERE, KOMATSU

MAHLE
ALTERNATOR
28V, 50A

Electrolog Nr:
ALT7913

MAHLE
ORIGINAL**IA1076**

DEUTZ AG (KHD), ATLAS
COPCO, LIEBHERR

MAHLE
ALTERNATOR
28V, 55A

Deutz Part Number:
01182167

Electrolog Nr:
ALT7916

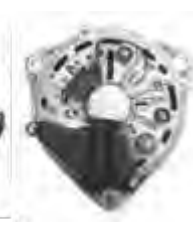
MAHLE
ORIGINAL**IA1079**

DEUTZ AG (KHD),
ATLAS COPCO

MAHLE
ALTERNATOR
28V, 35A

Deutz Part Number:
01183850

Electrolog Nr:
ALT7962

MAHLE
ORIGINAL**IA1150**

VARIOUS APPLICATIONS
21SI, 22SI & 25SI
REPLACEMENT

MAHLE
ALTERNATOR
28V, 80A

Electrolog Nr:
ALT7965

MAHLE
ORIGINAL**IA1186**

CATERPILLAR

MAHLE
ALTERNATOR
24V, 165A

Electrolog Nr:
ALT79343

MAHLE
ORIGINAL**IA9413**

MERCEDES BENZ

MAHLE
ALTERNATOR
28V, 100A

Electrolog Nr:
ALT7930

MAHLE
ORIGINAL



ALTERNATOR

ADE, M/BENZ, MAN

Part Number:
ALT1080 - (14V)
ALT1086 - (28V)

ALTERNATOR
14V, 55A
28V, 55A

MERCEDES BENZ
UNIMOG INDUSTRIAL

ALT1020

ALTERNATOR
28V, 35A

MANITOU, CATERPILLAR

ALT9011

ALTERNATOR
14V, 85A



ALT1554

VARIOUS APPLICATIONS
20SI BRUSHLESS

ALTERNATOR
28V, 45A



ALT1145

M/BENZ, ACTROSS, AXOR
BELL

5 Pin Regulator



ALTERNATOR
28V, 100A



ALT6033

TOYOTA HILUX
2.5/3.0L D4D

ALTERNATOR
14V, 80A



TOYOTA LAND CRUIZER
4.5L 6 CYLINDER
LEXUS LS450

ALT6088

ALTERNATOR
14V, 80A
**ALT6035 - 100A
ALTERNATIVE**



ALT6119

TOYOTA HILUX
QUANTUM / FORTUNER
2.7L VVTi

ALTERNATOR
14V, 80A



ALT6718

TOYOTA HILUX / FORTUNER
GD 6, 2.8L

ALTERNATOR
14V, 80A



ALT6711

IVECO / FIAT

ALTERNATOR
14V, 60A



ALT4004

LUCAS TYPE
UNIVERSAL

ALTERNATOR
14, 55A



ALT7904

DEUTZ AG (KHD)

Deutz Part Number:
01181739

ALTERNATOR
28V, 55A



ALB093

CATERPILLAR

ALTERNATOR
28V, 115A

Electrolog Nr:
ALT1648



ALT8804

KOMATSU PC1100
GD675-3

ALTERNATOR
28V, 90A



C653A-1

Electrolog Nr: ALT2907

SPECIFICATIONS

System Voltage	24V
Mounting	J-180
Rated Output	260 Amps

- Air Cooled - Eliminates the need for an oil circulation system.
- High Efficiency - Means lower internal alternator operating temperature, resulting in longer alternator life.
- Less engine power needed to produce electric power means more engine power available for other needs.
- Unique Brushless Construction - Elimination of rotating windings, brushes and slip rings yields durability, extends service life, eliminates arcing and reduces electromagnetic interference. (EMI)
- Long Life Bearings - Feature high temperature grease and are heat stabilized for extended service life in hot engine compartments.
- High Temperature Insulation and Coating, Increases durability in hot engine compartments, seals out moistures.


C.E. Niehoff & Co.
 CHARGING AND POWER MANAGEMENT SYSTEMS


REG2902

110-258

Electrolog Nr: ALT0583

SPECIFICATIONS

Series	8SC/SCJ
Mounting	J-180
Rated Output	175 Amps
System Voltage	24V
Rotation	CW
Positive Stud	5/16-24 NF
Negative Stud	1/4-28 NF
Shaft Diameter	22.22mm
Diode Trio	Yes
Pulley Included	No
Lamp Driver	No
Adjustable Regulator	No
Remote Sense	No
Battery less	No

Leece-Neville
 HEAVY DUTY SYSTEMS

 Air Con Unit Available
 (8SC3110V)


ALT9705

OE Pn: BLD3314GH

SPECIFICATIONS

Series	BLD/P
Mounting	J-180
Rated Output	140 Amps
System Voltage	24V
Rotation	CW
Positive Stud	5/16-24 NF
Negative Stud	1/4-28 NF
Shaft Diameter	22.22mm
Diode Trio	No
Pulley Included	No
Lamp Driver	Yes
Adjustable Regulator	Yes
Remote Sense	No
Battery less	No

Leece-Neville
 HEAVY DUTY SYSTEMS


ALT1360

OE Pn: AV11473110HD

SPECIFICATIONS

Series	AVI
Mounting	J-180
Rated Output	120 Amps
System Voltage	24V
Rotation	CW
Positive Stud	5/16-24 NF
Regulator	5 Pin - W / L / 15 / S / DFM
Shaft Diameter	17mm
Diode Trio	Yes
Pulley Included	No
Lamp Driver	No
Adjustable Regulator	No
Remote Sense	No
Battery less	No

Presto/rite
 electric

HOT
PRODUCT




AVE2716D3

Electrolog Nr: ALT97020

SPECIFICATIONS

Series	AVE
Mounting	56mm Foot
Rated Output	70 Amps
System Voltage	24V
Rotation	CW
Diode Trio	No
Pulley Included	No
Lamp Driver	No
Adjustable Regulator	Yes
Remote Sense	No
Battery less	No

Prestolite
electric



AVE2110A2

Electrolog Nr: ALT97012

SPECIFICATIONS

Series	AVE
Mounting	J180 Mount
Rated Output	110 Amps
System Voltage	24V
Rotation	CW
Diode Trio	No
Pulley Included	No
Lamp Driver	No
Adjustable Regulator	Yes
Remote Sense	No
Battery less	No

Prestolite
electric



12776210

Electrolog Nr: ALT97005

SPECIFICATIONS

Series	ACT72
Mounting	J-180
Rated Output	140 Amps
System Voltage	24V
Rotation	Bi-Direction
Fan Location	External
Regulator Location	Internal
Shaft Diameter	30mm
Diode Trio	No
Pulley Included	No
Lamp Driver	No
Adjustable Regulator	No
Remote Sense	No
Battery less	No

Prestolite
electric



BLP4101H

Electrolog Nr: ALT2662

SPECIFICATIONS

Series	BLP
Mounting	PAD Mount
Rated Output	250 Amps
System Voltage	24V
Rotation	CW
Polarity	Insulated Return
AC R Terminal	Yes
Shaft Diameter	22mm
Diodes	12
Pulley Included	No
Lamp Driver	Yes
Adjustable Regulator	No
Remote Sense	Yes
Battery less	No

Prestolite
electric

55Si Replacement

Various Applications

Mount Type: J180 Hinge
System Voltage: 24
Rated Output: 50 Amps
B+ Output Terminal: M6
R Terminal: M4
I Terminal: M4
Remote Sense Terminal: No
Ground Terminal: Negative

21SI Delco Remy
Alternator



19010108

Various Applications

Mount Type: J180 Hinge
System Voltage: 24
Rated Output: 70 Amps
B+ Output Terminal: 5/16
R Terminal: CONN
I Terminal: CONN
Remote Sense Terminal: No
Ground Terminal: Negative

24SI Delco Remy
Alternator

4 Pin Regulator



8600017

Various Applications

Mount Type: J180 Hinge
System Voltage: 24
Rated Output: 110 Amps
B+ Output Terminal: 5/16
R Terminal: #10
I Terminal: #10
Remote Sense Terminal: Yes
Ground Terminal: Negative

28SI Delco Remy
Alternator



8600467

Various Applications

Mount Type: Pad
System Voltage: 24
Rated Output: 100 Amps
B+ Output Terminal: M8
R Terminal: CONN
I Terminal: CONN
Remote Sense Terminal: Yes
Ground Terminal: Negative

28SI Delco Remy
Alternator
Electrolog: ALT2639

5 Pin Regulator



8600764

Why Take Chances?

Trust the Brand that's kept more vehicles running longer than any other brand on & off road.

Measurable fuel saving for fleets due to enhanced efficiency ratings

Durable brushless design with fewer moving parts = less wear on the alternator

Remote sense technology reducing battery charge time by up to 50%

The best warranty in the industry

Long Life



Various Applications 30SI Delco Remy Alternator
 Mount Type: J180 Hinge
 System Voltage: 24 Electrolog: ALT2658
 Rated Output: 100 Amps
 Remote Sense Terminal: No
 Ground Terminal: Negative



10459590



**HOT
PRODUCT**

Mount Type: J180 Hinge 36SI Delco Remy Alternator
 System Voltage: 24
 Rated Output: 105 Amps Electrolog: ALT2672
 B+ Output Terminal: 1/4
 R Terminal: #10
 I Terminal: #10
 Remote Sense Terminal: Yes
 Ground Terminal: Negative



8600369



**HOT
PRODUCT**

Various Applications 36SI Delco Remy Alternator
 Mount Type: Pad
 System Voltage: 24 Electrolog: ALT2679
 Rated Output: 105 Amps
 B+ Output Terminal: 1/4
 R Terminal: #10
 I Terminal: #10
 Remote Sense Terminal: No
 Ground Terminal: Negative



8600232



**HOT
PRODUCT**

Mount Type: Pad (80MM) 55SI Delco Remy Alternator
 System Voltage: 24
 Rated Output: 270 Amps
 B+ Output Terminal: 5/16
 R Terminal: PIN
 I Terminal: #10
 Remote Sense Terminal: Yes
 Ground Terminal: Negative



8600434

PUL2603

Si Alternator Applications

Hole OD: 22.2mm
 Belt Width: 13mm
 Outer Dia: 79mm
 Inner Dia: 36.5mm
 Width: 40mm



PUL2003

Si Alternator Applications

Hole OD: 22.2mm
 Grooves: 8
 Outer Dia: 75mm
 Width: 41.5mm



FEATURES & BENEFITS

- **Brushless Advantage:** fewer moving parts means less wear and longer life
- **Equipped with Remote Sense** which can reduce battery charge time by 50%
- **Efficient:** high efficiency translates to less engine horsepower requirements, resulting in substantial fuel savings.
- **Remote Sense** utilizes a second wire that reads the actual voltage at the battery. This signals the alternator to boost its output to compensate for the voltage drop, ensuring 14 Volts at the battery. The proper voltage forces more current into the battery bringing it to a full state of charge between vehicle stops.



**HOT
PRODUCT**

STR1246

TOYOTA D-4D
2.5L, 3.0L
2007 - ONWARDS

STARTER
12V, 2.0KW
9 Tooth



STR10212

TOYOTA GD6
1GDFTV - ENGINE

STARTER
12V, 2.2KW
11 Tooth



STR6677

TOYOTA GD6
2GDFTV - ENGINE
2KDFTV - ENGINE

STARTER
12V, 2.0KW
10 Tooth



STR9009

KUBOTA

STARTER
12V, 1.0KW
9 Tooth



**HOT
PRODUCT**

STR1260

POWERSTAR, SCANIA
WEICHAH POWERSTAR,
HOWO

STARTER
24V, 5.5KW
11 Tooth



STR4017

FORD, MASSEY FERGUSON

MS50G STARTER
12V, 3.0KW
10 Tooth



STR1070

ADE, DEUTZ

STARTER
24V, 4.5KW
9 Tooth



STR9861

KOMATSU

STARTER
24V, 11KW
12 Tooth



STR2674

M/BENZ ATEGO

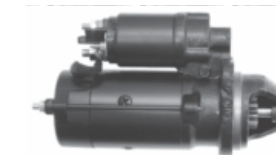
29MT STARTER
24V, 4.0KW
11 Tooth

**IS0660**

MERCEDES BENS

MAHLE
STARTER
24V, 4.0KW
9 TOOTHElectrolog Nr:
STR7994**MAHLE**
ORIGINAL**IS0842**ATLAS COPCO, BOMAG,
IVECO, LIEBHERR, DEUTZ AGDEUTZ P/N:
01183716, 01183214,
01186720MAHLE
STARTER
24V, 4.0KW
9 TOOTHElectrolog Nr:
STR7934**MAHLE**
ORIGINAL**IS0944**

MAN

MAHLE
STARTER
24V, 4.0KW
10 TOOTHElectrolog Nr:
STR7955**MAHLE**
ORIGINAL**IS1097**JOHN DEERE, CASE,
DOOSANMAHLE
STARTER
24V, 4.0KW
10 TOOTHElectrolog Nr:
STR78013**MAHLE**
ORIGINAL**STR1183**CASE, CAT, CUMMINS,
VOLVOMAHLE
STARTER
24V, 9.0KW
11 TOOTHElectrolog Nr:
STR79293**MAHLE**
ORIGINAL**IS1195**ATLAS COPCO, MANITOU,
MASSEY FERGUSON,
PERKINS, JCBMAHLE
STARTER
12V, 3.2KW
10 TOOTHElectrolog Nr:
STR7973**MAHLE**
ORIGINAL**IS1209**

ATLAS, DEUTZ (KHD)

MAHLE
STARTER
24V, 6.5KW
12 TOOTH**MAHLE**
ORIGINAL**IS1210**

ATLAS, DEUTZ (KHD)

MAHLE
STARTER
24V, 6.5KW
12 TOOTHElectrolog Nr:
ALT7921**MAHLE**
ORIGINAL**IS1266**

CATERPILLAR

MAHLE
STARTER
24V, 9.0KW
11 TOOTHElectrolog Nr:
ALT7978**MAHLE**
ORIGINAL

8200308 - (12V)

8200330 - (24V)

System Voltage: 24
Mounting Type: SAE 3
Pinion Teeth: 11
Pinion Pitch: 6/8
Solenoid Position: 082
Rotation: CW
Polarity: Insulated
Over Crank Protection: Yes

39MT DELCO REMY
STARTER
24V, 9.0KW

Electrolog Nr:
STR2656



HOT PRODUCT!

10479339

Mounting Type: SAE3
Pinion Teeth: 11
Pinion Pitch: 6/8
Solenoid Pos: 038
Rotation: CW
O/C Protection: No

50MT DELCO REMY
STARTER
24V, 9.0KW

Electrolog Nr:
STR2652



HOT PRODUCT!

Why Take Chances?

Our starters are designed to crank even in the toughest applications:

☐ Over Crank Protection (OCP) technology protects fleets from thermal damage

☐ OCP protects the starter in adverse starting conditions such as...

- > Cold weather cranking
- > Low battery capacity
- > High-starting circuit resistance
- > Operator misuse

☐ Our patented internal magnetic solenoid switch (IMSS) enhances starter reliability

We work closely with the OEMs to provide the highest performing, premium quality product for new vehicles. This translates into the same level of performance and quality with Delco Remy aftermarket starters and alternators, and the support to back it.

M10603AM - (12V)

M105R3502SE - (24V)



HOT PRODUCT!



VARIOUS APPLICATIONS

Heavy Duty replacement starter on 39MT units.

PRESTOLITE STARTER

24V, 8.0KW
11 Tooth

Robust Armature Design

Reduces power loss & provides higher reliability for more consistent performance

Soft Start Relay

Ensures positive pinion engagement with the flywheel & reduces potential for ring gear damage

Integral Magnetic Switch (IMS)

Helps eliminate voltage drop issues by minimizing the ring distance between relay & solenoid

Fully Sealed Noseless Design

Adds service life & protects internal components

Rotatable Flange

Reduces expansive inventory needs & maximizes profit opportunities

Prestolite
electric

STR3613

50MT Replacement



**Ideal for
Diesel Engines
Up to 40L**

HOT PRODUCT!



VARIOUS APPLICATIONS

Heavy Duty replacement starter on 50MT units.

PRESTOLITE STARTER

24V, 12KW
11 Tooth

Robust Armature Design

Reduces power loss & provides higher reliability for more consistent performance

Soft Start Relay

Ensures positive pinion engagement with the flywheel & reduces potential for ring gear damage

Integral Magnetic Switch (IMS)

Helps eliminate voltage drop issues by minimizing the ring distance between relay & solenoid

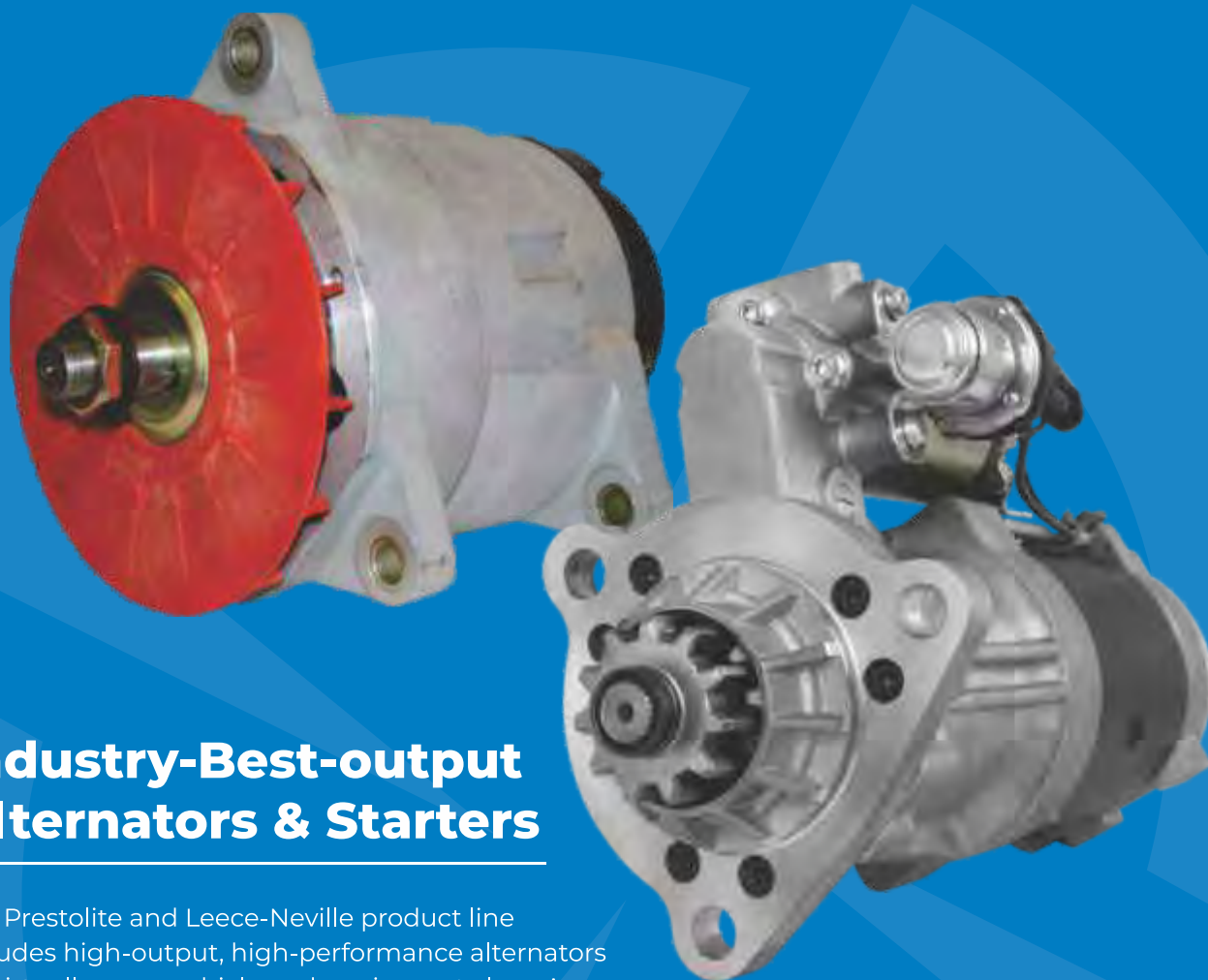
Fully Sealed Noseless Design

Adds service life & protects internal components

Rotatable Flange

Reduces expansive inventory needs & maximizes profit opportunities

Prestolite
electric



Industry-Best-output Alternators & Starters

The Prestolite and Leece-Neville product line includes high-output, high-performance alternators for virtually every vehicle and equipment class. As a global leader in high-tech, high-quality rotating electric products, Prestolite Electric carefully engineers and extensively tests its alternators to maximize performance in even the harshest use scenarios and extend service life, helping to reduce vehicle downtime.

The Prestolite and Leece-Neville product line includes powerful, efficient and highly durable starters for every vehicle and operating environment. From gear reduction to direct drive, each application-specific starter includes an innovative technology package designed to crank in even the toughest environments on the most extreme applications.

Each Prestolite Electric starter is backed by a leading global engineering team, ensuring a high-tech, high-quality rotating electric product featuring next-generation technologies.

For more than 100 years, the world's premier vehicle manufacturers have relied on Prestolite Electric for best-cost, best-quality and best-performing rotating electric products.

Prestolite
electric

Leece-Neville
HEAVY DUTY SYSTEMS



**HOT
PRODUCT**



**HOT
PRODUCT**



B2741

Power: 45W
Voltage: 9 - 33V
Peak Current @12V: 3.75A
Lumens: 3780LM
LED: 9 x 5W LED's
Size: 156x126x95mm

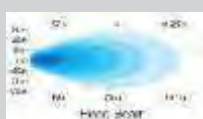
Hella Valuefit
Spotlight



B2742

Power: 45W
Voltage: 9 - 33V
Peak Current @12V: 3.75A
Lumens: 3780LM
LED: 9 x 5W LED's
Size: 156x126x95mm

Hella Valuefit
Floodlight



B2291

Power: 90W
Voltage: 9 - 33V
Peak Current @12V: 7.5A
Lumens: 8100LM
LED: 9 x 10W LED's
Size: 120x135x125mm

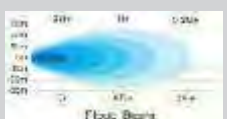
Hella Valuefit
Spotlight



B2292

Power: 90W
Voltage: 9 - 33V
Peak Current @12V: 7.5A
Lumens: 8100LM
LED: 9 x 10W LED's
Size: 120x135x125mm

Hella Valuefit
Floodlight



Close Range

995706501

Power: 56W
Voltage: 9 - 33V
Peak Current @12V: 4.66A
Lumens: 4400LM
LED: 8 x 7W LED's
Size: 143x133x88mm

Long Range

995706511

Hella
Roklume 280



B6306-2

Power: 70W
Voltage: 12 - 24V
Peak Current @12V: 5.83A
Lumens: 3780LM
LED: 14 x 5W LED's
Size: 165x85x85mm

Hella Supernovas
6" Spotlight Set
Incl. Wiring Harness



B1002

Power: 15W
Voltage: 9 - 33V
Peak Current @12V: 1.25A
Lumens: 1710LM
Size: 133x107x41.5mm

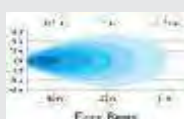
Hella Valuefit
Floodlight



B1101

Power: 27W
Voltage: 9 - 33V
Peak Current @12V: 2.25A
Lumens: 2160LM
Size: 128x110x55mm

Hella Valuefit
Floodlight



SET OF 2 LIGHTS



AMBER COVERS INCLUDED

CL120-25W-SET

Power: 25W
Voltage: 9 - 32V
Lumens: 1800LM
Size: 150x125x120mm
LED'S: 1 x 25W LED
Color Temp.: 6000k
Working Life: >50 000 Hours

Spotlight Set
Incl. Wiring Harness



PL-SQ-40W-F

Power: 40W
Voltage: 9 - 32V
Lumens: 2800LM
Size: 125x125x88mm
LED'S: 4 x 10W LED's
Color Temp.: 6000k
Working Life: >50 000 Hours

LED
Floodlight



PL-SQ-40W-S

Power: 40W
Voltage: 9 - 32V
Lumens: 2800LM
Size: 125x125x88mm
LED'S: 4 x 10W LED's
Color Temp.: 6000k
Working Life: >50 000 Hours

LED
Spotlight



HD054-F

Power: 20W
Voltage: 9 - 32V
Lumens: 1800LM
Size: 88.6x94.5x73.2mm
IP Rating: IP68
LED'S: 4 x 5W Cree LED's
Connector: Built in Deutsch Connector

HPI Heavy Duty
LED Flood Beam



HD104-F (Flood)

Power: 40W
Voltage: 9 - 32V
Lumens: 3600LM
Size: 118x127x89mm
IP Rating: IP68
LED'S: 4 x 10W Cree LED's
Connector: Built in Deutsch Connector

HPI Heavy Duty
LED Flood / Spot Beam



HD104-S (Spot)



Power: 40W
Voltage: 9 - 32V
Lumens: 3600LM
Size: 134x111x73.3mm
IP Rating: IP68
LED'S: 8 x 5W Cree LED's
Connector: Built in Deutsch Connector

HPI Heavy Duty
LED Flood Beam



HD058-F



HD-P4

Power: 40W
Voltage: 9 - 32V
Lumens: 3600LM
Size: 132x125.5x88.4mm
IP Rating: IP68
LED'S: 4 x 10W Cree LED's
Connector: Built in Deutsch Connector

HPI Heavy Duty
LED Spot / Flood Beam



HD-107

Power: 70W
Voltage: 9 - 32V
Lumens: 6300LM
Size: 165x176.5x88.5mm
IP Rating: IP68
LED'S: 7 x 10W Cree LED's
Connector: Built in Deutsch Connector

HPI Heavy Duty
LED Flood Beam

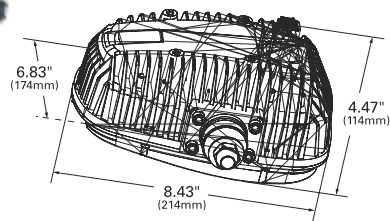


FL-300

Power: 300W
Voltage: 9 - 32V
Lumens: 27000LM
Size: 344x342x147mm
IP Rating: Ip68
Heavy Duty Applications

HPI Heavy Duty
LED Flood / Spot Beam





SM-9060-RDA-L
(LEFT)

Power: 60W
Voltage: 12 - 36V
Lumens: 2500LM
Size: 214x173x92mm
LED'S:
High Beam: 14W - 2x7W LED
Low Beam: 12 - 1x12W LED
Indicator: 12W - 4x3W Amber LED
Position Light Front: 4x1W 3030 Amber LED's
Position Light Back: 6x0.5W 3030 Amber LED's
Color Temp.: 6500k
Working Life: >50 000 Hours

SM-9060-RDA-R
(RIGHT)

LED Combination
Lights





EHL-4LED-30W

Power: 24W
Voltage: 12 - 60V
Peak Current: 800 mAmp
Lumens: 2000LM
LED: 4 x 6W Cree LED's
Colour Temp.: 6000k, 6500k
Protection: 600V Spike Protection
IP Rating: IP68
Underground Tested



EHL4LEDTILT

Power: 24W
Voltage: 12 - 60V
Peak Current: 800 mAmp
Lumens: 2000LM
LED: 4 x 6W Cree LED's
Colour Temp.: 6000k, 6500k
Protection: 600V Spike Protection
IP Rating: IP68
Underground Tested



RECTANGULAR FLASHER

EHLRECTLEDA - (Amber)
EHLRECTLEDB - (Blue)
EHLRECTLEDW - (White)
EHLRECTLEDR - (Red)
EHLRECTLEDG - (Green)
EHLRECTLEDGR - (Green / Red)

Voltage: 12V - 110V DC
Working Current: 400mA
LED: 24x 5mm High Bright LED's
Flash Rate: 60 - 70 Flashes p/min
Flash Pattern: Double Flash
Protection: Reverse Polarity
200V Spike Protected
Size: 200mm x 58mm x 37mm



EHLTEDEVR - (Green)
EHLTEDEVR - (Red)

STEEL LED FLASHER

Voltage: 10 - 36V
Peak Current: 250 mAmp @ 12VDC
Size: 115mm x 55mm x 55mm
LED: 12 x 0.5W High Bright LED's
Flash Pattern: Double Flash
Flash Rate: 60 / 70 Flashes p/m
Protection: 500V Fast Switching
Spike Protection
IP Rating: IP68
Rugged Polycarbonate construction



FL-12/24V-G - (Green)
FL-12/24V-R - (Red)
FL-12/24V-A - (Amber)

P/C LED FLASHER

Voltage: 10 - 36V
Peak Current: 250 mAmp @ 12VDC
Size: 115mm x 55mm x 55mm
LED: 12 x 0.5W High Bright LED's
Flash Pattern: Double Flash
Flash Rate: 60 / 70 Flashes p/m
Protection: 500V Fast Switching
Spike Protection
IP Rating: IP68
Rugged Polycarbonate construction



EHLHNFLELR-EDG - (Red)
EHLHNFLELG-EDG - (Green)

ROUND LED FLASHER

Voltage: 12V - 110V DC
Working Current: 400mA
LED: 6 x High Bright LED's
Flash Rate: 60 - 70 Flashes p/min
Flash Pattern: Double Flash
Protection: Reverse Polarity
200V Spike Protected
Size: 116mm x 84mm x 103mm
Steel Housing & Rugged construction.



EHLHNFLELR - (Red)
EHLHNFLELG - (Green)
EHLHNFLELB - (Blue)

ROUND LED FLASHER

Voltage: 12V - 110V DC
Working Current: 400mA
LED: 27 x 5mm High Bright LED's
Flash Rate: 60 - 70 Flashes p/min
Flash Pattern: Double Flash
Protection: Reverse Polarity
200V Spike Protected
Size: 116mm x 84mm x 103mm
Steel Housing & Rugged construction.



HY9214AW
Amber & White
Light Bar



HY9218A
Amber Light Bar

MINE SAFETY LIGHT BAR

HY9214AW

HY9214AW
LED Warning Light Bar
Backup Alarm Included
40 x Amber, 8 x Red & 8 x White LED's
870mm x 94mm x 36mm
Housing: Aluminum
Lens: Clear Polycarbonate
IP Rating: IP 67

HY9218A

HY9218A
LED Warning Light Bar
Backup Alarm not Included
72 x Amber
1130mm x 94mm x 36mm
Housing: Aluminum
Lens: Amber Polycarbonate
IP Rating: IP 67





HELLA DUAL BASE

Part Number:
EHLSTR3600A-MAG

Dual Base
LED Strobe
12V / 24V



LARGE LED STROBE

Part Number:
TBDA347A-LED - (Amber)

Large LED
Strobe
9V to 36V



FLUSH MOUNT LED

Part Number:
BC13001 - (Amber)

Voltage: 10 - 30V DC
LED Power: 24W
Lens: Polycarb
LED Colour: Amber
Rating: IP67
Mounting: Screw Mount
Size: 116mm x 130mm

LED Strobe
10V - 30V



HY6604AM

Voltage: 10V - 30V DC
LED's: 60 Mini LED's
Rotating & Flash Function
Amber Polycarb Lens
Screw Mount Basw
125mm x 131mm

LED Strobe
10 - 30V



DOUBLE CASTED STROBE

Voltage: 12 - 110V DC
LED'S: 62 x 5mm High Bright LED's
Flash Rate: 60 - 70 Flashes p/min
Flash Pattern: Double Flash
Size: 92mm x 92mm x 113mm

Part Number:
EHLSTRLED24AG - (Amber & Green)
EHLSTRLED24AR - (Amber & Red)
EHLSTRLED24RB - (Red & Blue)



CASTED STROBE

Voltage: 12V - 110V DC
LED: 8 x 3W High Bright LED's
Flash Rate: 60 - 70 Flashes p/min
Flash Pattern: Double Flash
Size: 80mm x 80mm x 87mm
Protection: 200V Spike Protection

Part Number:
EHLSTRLED24A - (Amber)
EHLSTRLED24G - (Green)
EHLSTRLED24W - (White)
EHLSTRLED24R - (Red)



ROUND TAIL LIGHT

Red, Amber, Green & White
Truck Lights

LED
Truck Light
12V / 24V

Part Number:
HY-088H-R - (Red)
HY-088H-A - (Amber)
HY-088H-G - (Green)
HY-088H-W - (White)



HY-088H-AR

3 in 1 Truck Light
Park, Brake & Indicator

LED
Combination
Light
12V / 24V



SIDE MARKERS

Voltage: 10 - 30V DC
Size: 73x 37x24mm
Material: Polycarb
Epoxy Coated PC Board

Truck Lamp
Markers

Part Number:
TL-L15VR-1 - (Red)
TL-L15VY-1 - (Yellow)
TL-L15VG-1 - (Green)



TL-L177VRY

Voltage: 10 - 30V DC
LED: 30 amber & 30 red
Size: 178 x 99mm
Material: Acrylic, ABS

Truck Lamp
Combination
Tail Light



TL-L196RYW-12

Voltage: 12V DC
LED: 27 amber & 18 red
& 5 white
Size: 100mm x 100mm x 53mm
Material: Polycarbonate, ABS

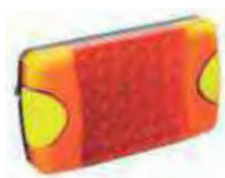
Truck Lamp
Tail Light with
Numberplate
light



H-HY58R

Voltage: 9 - 33V DC
Rating: IP67
Light Color : Red
Size: 177 x 100 x 31mm

Hella Duraled
Red Tail Light



H-HY58A

Voltage: 9 - 33V DC
Rating: IP67
Light Color : Amber
Size: 177 x 100 x 31mm

Hella Duraled
Amber Tail Light



D4D TAIL LIGHT

Part Number:
LH TA0413TL01
(Left Hand)

Toyota D4D
Combination
Tail Light

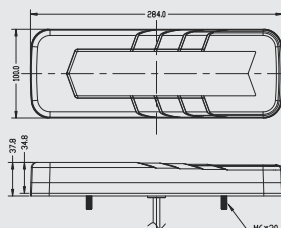
RH TA04313TL01
(Right Hand)





TLS12802

Voltage: 12 - 24V
Amps: 360mA
Waterproof Rating: IP67
Lifespan: 50 000h
Lighting Materials: ABS Plastic
Lens Materials: Poly Carb
Size: 284x100x34.8mm
Type: Combination Tail Light
Functions: Tail / Reverse / Reflector / Indicator / Fog / Stop

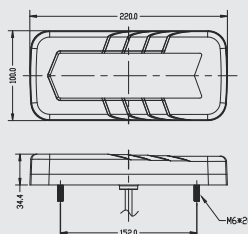


LED Combination
Tail Light
6 Function



TLS08702-1

Voltage: 12 - 24V
Amps: 360mA
Waterproof Rating: IP67
Lifespan: 50 000h
Lighting Materials: ABS Plastic
Lens Materials: Poly Carb
Size: 220x100x34.8mm
Type: Combination Tail Light
Functions: Tail / Reverse / Reflector / Indicator / Fog / Stop

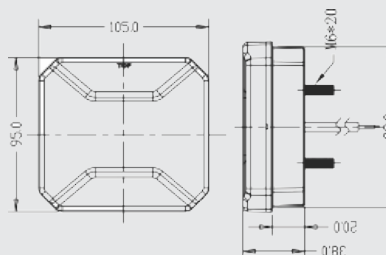


LED Combination
Tail Light
6 Function



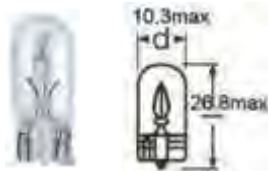
TLS05011

Voltage: 12 - 24V
Waterproof Rating: IP67
Lifespan: 50 000h
Lighting Materials: ABS Plastic
Lens Materials: Poly Carb
Size: 220x100x34.8mm
Type: Combination Tail Light
Functions: Tail / Reflector / Indicator / License Plate / Stop



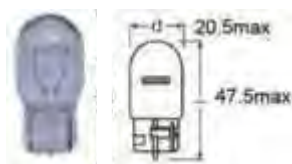
LED Combination
Tail Light
4 Function





W3W - WEDGE GLOBE

W2.1x9.5D Base W3W Wedge Globe
12V, 3W & 24V, 3W
Part Number:
W3W.12V.3W
W3W.24V.3W



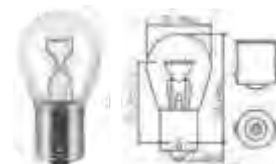
W21W - WEDGE BULB

W3x16D Base W21W Wedge Bulb
12V, 21W & 24V, 21W
Part Number:
W21.12V.21W
W21.24V.21W



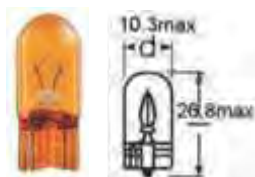
G18 - S/C BULB

BA15S Base G18 Single Contact Bulb
12V, 5W & 24V, 5W
Part Number:
G18.12V.5W
G18.24V.5W



P21W - S/C BULB

BA15S Base P21W Single Contact Bulb
12V, 21W & 24V, 21W
Part Number:
GLB1073 - 12V
GLB0339 - 24V



W3W - AMBER WEDGE GLOBE

W2.1x9.5D Base Amber W3W Wedge Globe
12V, 3W & 24V, 3W
Part Number:
YW3W.12V.3W
YW3W.24V.3W



P21W/5W - D/C BULB

BAY15D Base P21/5W Double Contact Bulb
12V, 21W & 24V, 21W
Part Number:
GLB1034 - 12V
GLB0334 - 24V



P21W - S/C AMBER

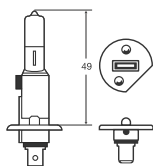
BA15S Base P21W Single Contact Amber Bulb
12V, 21W & 24V, 21W
Part Number:
GLB0382 - 12V
GLB3496 - 24V



PILOT LIGHT BULB

Part Number:
ELP12.603 - (12V)
ELP24.604 - (24V) Pilot Light Bulbs





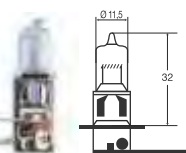
H1 BULB

P14.5S Base

H1 Bulb
12V, 55W & 24V, 70W

Part Number:

H1.12V.55W
H1.24V.70W



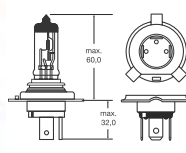
H3 BULB

P22S Base

H3 Bulb
12V, 55W & 24V, 70W

Part Number:

H3.12V.55W
H3.24V.70W



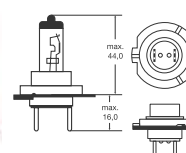
H4 BULB

P43T Base

H4 Bulb
12V, 60/55W
24V, 75/70W

Part Number:

H4.12V.60/55W
H4.24V.75/70W



H7 BULB

PX26D Base

H7 Bulb
12V, 55W & 24V, 70W

Part Number:

H7.12V.55W
H7.24V.70W



H3-LED-KIT

Watts: 19W
Lumens: 1400lm
Voltage: 12 - 24V
Colour Temp: 6500K
• 6500K stylish white light
• Compact design for better fit
• Compatible with most cars

H3 Fanless
LED Bulbs

PHILIPS



H4-LED-KIT

Watts: 22 W
Voltage: 12 - 24V
HB: 1200lm, LB: 700lm
Colour Temp: 6500K
• 6500K stylish white light
• Compact design for better fit
• Compatible with most cars

H4 Fanless
LED Bulbs

PHILIPS



H7-LED-KIT

Watts: 20 W
Voltage: 12 - 24V
Lumens: 1700lm
Colour Temp: 6500K
• 6500K stylish white light
• Compact design for better fit
• Compatible with most cars

H7 Fanless
LED Bulbs

PHILIPS



HB3-LED-KIT

Watts: 16W
Lumens: 1200lm
Voltage: 12 - 24V
Colour Temp: 6500K
• 6500K stylish white light
• Compact design for better fit
• Compatible with most cars

HB3 Fanless
LED Bulbs

PHILIPS



H11-LED-KIT

Watts: 25W
Lumens: 1350lm
Voltage: 12 - 24V
Colour Temp: 6500K
• 6500K stylish white light
• Compact design for better fit
• Compatible with most cars

H11 Fanless
LED Bulbs

PHILIPS



H4 Headlight
Socket

EHA0320

Ceramic
Headlight Socket





LOW PROFILE FUSE

Fast Acting
Max. DC 58V
Zinc Alloy & plastic

ATT03-3AMP **ATT15-15AMP**
ATT05-5AMP **ATT20-20AMP**
ATT7.5-7.5AMP **ATT25-25AMP**
ATT10-10AMP **ATT30-30AMP**



MINI BLADE FUSE

Fast Acting
Max. DC 32V
Zinc Alloy and plastic

ATN3-3AMP **ATN15-15AMP**
ATN5-5AMP **ATN20-20AMP**
ATN7.5-7.5AMP **ATN25-25AMP**
ATN10-10AMP **ATN30-30AMP**



STANDARD BLADE FUSE

Fast Acting
Max. DC 32V
Zinc Alloy and plastic

ATS3-3AMP **ATS20-20AMP**
ATS5-5AMP **ATS25-25AMP**
ATS7.5-7.5AMP **ATS30-30AMP**
ATS10-10AMP **ATS35-35AMP**
ATS15-15AMP



BLADE FUSE HOLDER

Standard Blade Fuse Holder
with Screw on Cover

EFUBFH04 - (4 WAY)
EFUBFH06 - (6 WAY)
EFUBFH08 - (8 WAY)
EFUBFH10 - (10 WAY)
EFUBFH12 - (12 WAY)



MAXI BLADE FUSE

Fast Acting
Max. DC 32V
Zinc Alloy and plastic

ATM20-20AMP **ATM60-60AMP**
ATM30-30AMP **ATM70-70AMP**
ATM40-40AMP **ATM80-80AMP**
ATM50-50AMP



BOLT ON FUSE

Fast Acting
Max. DC 32V
Copper Alloy with
Gold Plated - Bakelite

ANM50-50AMP **ANM200-200AMP**
ANM70-70AMP **ANM250-250AMP**
ANM100-100AMP **ANM350-350AMP**
ANM150-150AMP



BOLT ON FUSE

Medium Time Lag
Max. DC 32V
Copper Alloy with
Gold Plated - Bakelite

ANL30-30AMP **ANL150-150AMP**
ANL50-50AMP **ANL225-225AMP**
ANL70-70AMP **ANL275-275AMP**
ANL100-100AMP



BOLT ON FUSE

Medium Time Lag
Max. DC 32V
Copper Alloy with
Gold Plated - Bakelite

ANL300-300AMP
ANL355-355AMP
ANL400-400AMP
ANL500-500AMP



MINI BOLT ON FUSE

Slow-Blow
Max. DC 32V
Copper Alloy with
Copper Alloy & Tin Plated

ANS30-30A **ANS70-70A**
ANS40-40A **ANS80-80A**
ANS50-50A **ANS100-100A**
ANS60-60A



MAIN FUSE

Twin Leg
Slow Blow Fuses

EFUFL30M/F **EFUFL40M/F**
EFUFL50M/F **EFUFL60M/F**
EFUFL80M/F **EFUFL100M/F**



BOLT ON FUSE HOLDER

Body: Nylon with Glass
Fibre PC

For ANL Strip Fuses

Part Numbers:
BANL-B - (25A - 200A)
ANM-E - (40A - 250A)



ANF -H

Insulating Body :
Nylon With Glass Fiber

ANF Mini Strip
Fuse Holder

Applicable :
For ANF, ANG,
ANS FUSES 30A-150A



ZC-9012

Splash Waterproof type
Body: Plastic

Standard
Blade Fuse
Holder



ZC-8012

Splash Waterproof type
Body: Plastic

Maxi
Blade Fuse
Holder



ACCFUSEKIT

Fuse Kit Assorted

**Fuse Kit can be made up to client specifications
and requirements.**



530020 - (12V) / 530021 - (24V)

Control Circuit Unipolar Power
Holding Power: < 10W Relay
Interlocking Tension: > 16V DC 50A
Disengaging Tension: < 9V DC

Power Circuit
Normally Open Unipolar
Nominal Intensity: 150A
Capacity: 600A during 30 Seconds
Max Capacity: 800A during 5 Seconds



H/D SOLENOID

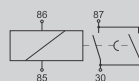
SPST, 12V & 24V Insulated. Cole Hersee
Continuous Duty Solenoid 12V & 24V

Part Number:
ESW0395 - (12V)
ESW0390 - (24V)



0.332.002.250

24V/DC Power Relay Bosch
Continuous Duty Power Relay
N/O Circuit 50A



0.331.802.100

Anti restart Relay Bosch
24V, 15A Start Lock
5 Terminal, SPST Relay



POP UP BREAKER

Pop Up Circuit Breaker E-T-A.
10A - 30A

Part Number:
ESWBREAKER10A
ESWBREAKER15A
ESWBREAKER20A
ESWBREAKER25A
ESWBREAKER30A



KLIXON C/BREAKER

Push Button Reset Circuit Breaker
Ampage Rating: 5A to 40A
Thermoplastic and steel plate

Part Number:
CDM5 - (5A)
CDM10 - (10A)
CDM20 - (20A)
CDM25 - (25A)
CDM30 - (30A)
CDM40 - (40A)



KLIXON C/BREAKER

Manual Reset Precision Thermal
Ampage Rating: 60A & 80A Circuit Breaker
Sealed Unit 60A & 80A
Weatherproof

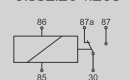
Part Number:
PDLM60 - (60A)
PDLM80 - (80A)



5 PIN RELAY

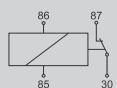
Automotive Relay 5 Pin Bosch Relay
Resistor for Voltage 12V - 24V
Spike Protection 30A

Part Number:
0.332.204.125 - (12V)
0.332.204.203 - (24V)



REL001

Automotive Relay 4 Pin Hella Relay
12V, 30A



REL083

Automotive Relay

4 Pin Relay
12V, 70A



REL084

Automotive Relay

4 Pin Relay
24V, 70A



FLASHER UNIT

Part Number:
EFLHD13 - (12V)
EFLHD23 - (24V)



EREL0022

Relay Type: 5 Pin
Relay base with Bracket



090290005

Voltage: 8 - 16V DC
Pre Glow Time: 4 - 18 Sec.
After Glow Time: 180 - 220 Sec.





HOT PRODUCT

ESW0450

SPST Circuit
Up: On, Down: Off

Electrical Rating:
25A @ 12VDC
15A @ 24VDC
10A @ 36VDC

Cole Hersee
Toggle Switch
2 Position

Cole Hersee P/N:
5582



HOT PRODUCT

ESW0442

SPDT Circuit

Up: On,
Centre: Off
Down: On

Electrical Rating:
25A @ 12VDC
15A @ 24VDC
10A @ 36VDC

Cole Hersee
Toggle Switch
3 Position

Cole Hersee P/N:
5586



ESW55054

DPDT Circuit

Up: Mom On
Center: Off
Down: Mom On

Electrical Rating:
25A @ 12VDC
15A @ 24VDC
10A @ 36VDC

Cole Hersee
Spring Return
Toggle Switch
3 Position
6 Terminal



ESW0020

Circuit: SPST
Max Voltage: 36 VDC
10A @ 6 to 36VDC

Cole Hersee
Push-Pull Switch

Cole Hersee P/N:
5007



ESW0042

In = Headlamps Off
Mid = Parking Lights and
Tail Lights On
Out = Headlights and
Tail Lights On
Four screw terminals
Mounting stem with 7/16"-28 thread
20A per circuit at 12V DC

Cole Hersee
3-Position
Headlamp Switch
72100-BX



04.106.01.00

V-Belt Break Switch
with Bracket



Cole Hersee Co.



HOB SWITCH

Part Number:
AL76580C - (Cover)
AL76580 - (Switch)



7 PIN TRAILER PLUGS

7 Pin Plug
Male & Female

Part Number:
DF-TP001AL - (Male)
DF-TS001AL - (Female)



Female

Trailer Plug

7 Pin Round Plug & Socket

Pin	Color	Function
1	Yellow	Left-hand turn
2	Black	Reversing signal
3	White	Earth return
4	Green	Right hand turn
5	Blue	Service brakes
6	Red	Stop lamps
7	Brown	Rear lamps, clearance & side marker lamps



7 Pin Plug



7 Pin Socket



ACCHERSCHMAN

For sensor and
actuator devices.

Control line connections in
hydraulic and pneumatic systems.
Universal connector.



Anderson Connector



ESW50A

Current Rating: 50A
Voltage Rating: 600V
Max Wire Size:
11.18 Ø mm

ESW175A

Current Rating: 175A
Voltage Rating: 600V
Max Wire Size:
15.240 Ø mm

ESW350A

Current Rating: 350A
Voltage Rating: 600V
Max Wire Size:
28 Ø mm



ISOLATOR LOCKOUT
AES-1411-535R

500009

IP Rating: IP66
Connection: M10 Terminals
Type: Normal Open Bipolar
Max Voltage: 48V DC
Nominal Current: 250 A
Max Cap.: 2500A during 5 Seconds



500010

IP Rating: IP66
Connection: M10 Terminals
Type: Normal Open Bipolar
Max Voltage: 24V DC
Nominal Current: 250 A
Max Cap.: 2500A during 5 Seconds



AES-1411-18A-L

2 Pole Main Battery Isolator
Main Battery Isolator With Lockout
Small and Compact



75908



ESW2484A



ESW24505

BATTERY ISOLATOR & LOCKOUT

75908
Type: Normal Open
Nominal Current: 300 A
Max Voltage: 36 VDC
Max Capacity: 2000A
for 30 Seconds

ESW24505
Lockout Kit for 2484 or 75908
Isolator

ESW2484A
Type: Normal Open
Nominal Current: 175 A
Max Voltage: 36 VDC
Max Capacity: 800A for 15 Seconds

Cole Hersee
Main Battery
Isolator



XD4PA24

22mm Dia. Hole
70mm Height
2 x N/O Contacts

Switch Rating:
220mA @ 600V AC



CB2-PA24

22mm Dia. Hole
80mm Height
2 x N/O Contacts
2 x N/C Contacts

Switch Rating:
24V DC - 6A
48V DC - 3A
220V AC - 6A
380V AC - 4A

4 Position
Spring Return
Joystick



75904-02

Key: 2 x Hencol Keys
Type: Normally Open
Nominal Current: 125A
Max Voltage: 36VDC
Max Capacity: 1000A
for 15 Sec.



0.342.315.001

E1-E50 Key Different
BOSCH
Ignition Switch



0.342.309.003

E30 Key Alike
BOSCH
Ignition Switch



AES-1411-38

CAT Type
Ignition Switch



AES-111-77A

Sandvik Type
IP 64 Rating
Ignition Switch



ESW0460

Circuit: SPST NO
Max Voltage: 36 VDC
35A @ 12VDC
20A @ 24VDC

Cole Hersee P/N:
90030



**HOUR METER**

Diameter: 52mm
Hour Meter
Non-Illuminated
12V - 24V

Part Number:
ACC331032001C

**FUEL GAUGE**

52mm Diameter
Fuel Gauge
12V - 24V

Part Number:
ACC301030001C - (12V)
ACC301040001C - (24V)

**VOLT METER**

52mm Diameter
Volt Meter Gauge
12V - 24V

Part Number:
ACC332030001C - (12V)
ACC332040001C - (24V)

**PRESSURE GAUGE**

52mm Diameter
Pressure Gauge
12V - 24V

Part Number:
ACC350030016C - (0/5 Bar, 12V)
ACC350030017C - (0/10 Bar, 12V)
ACC350040016C - (0/5 Bar, 24V)
ACC350040017C - (0/10 Bar, 24V)
ACC150035022G - (0/25 Bar, Mechanical)

**TEMPERATURE GAUGE**

52mm Diameter
Temperature Gauge
12V - 24V

Part Number:
ACC310030002C - (120°C, 12V)
ACC310030003C - (150°C, 12V)
ACC310030004C - (200°C, 12V)
ACC310040002C - (120°C, 24V)
ACC310040003C - (150°C, 24V)
ACC310040004C - (200°C, 24V)

**AMP METER**

52mm Diameter
AMP Meter
12V - 24V

Part Number:
ACC190037001C- 30A

**AMP METER**

52mm Diameter
AMP Meter
12V - 24V

Part Number:
ACC190037002C- 60A

**VIBRATING METER**

52mm Diameter
Vibrating
Hour meter

Part Number:
ACCD611008

**TACHO METER**

80mm Diameter
Tacho meter
12V

Part Number:
ACC333035010G

**PRESSURE SENDER**

Pressure Sender
Pressure Sender
1 Pin

Part Number:
ACC36008102904 - (0/5 Bar, 1 Pin)
ACC36008102912 - (0/10 Bar, 1 Pin)

**PRESSURE SENDER**

Pressure Sender
Pressure Sender
2 Pin

Part Number:
ACC36008103049 - (0/5 Bar, 2 Pin)
ACC36008103052 - (0/10 Bar, 2 Pin)

**HOUR METER**

52mm Diameter
Murphy
Hour Meter

Part Number:
ECSTM4595



MURPHY
reliable innovation



OIL PRESSURE 0-5 BAR

52mm Diameter
EDG Gauge
Oil Pressure Gauge
0 - 5 Bar
12V - 24V

Part Number:
200152 - (12V)
200154 - (24V)



OIL PRESSURE 0-10 BAR

52mm Diameter
EDG Gauge
Oil Pressure Gauge
0 - 10 Bar
12V - 24V

Part Number:
200156 - (12V)
200158 - (24V)



WATER TEMPERATURE

52mm Diameter
EDG Gauge
Water Temp. Gauge
120°C
12V - 24V

Part Number:
200140 - (12V)
200142 - (24V)



OIL TEMPERATURE

52mm Diameter
EDG Gauge
Oil Temp. Gauge
150°C
12V - 24V

Part Number:
200144 - (12V)
200146 - (24V)



200134



200136

VOLT METER

52mm Diameter
EDG Gauge
Volt Meter Gauge
16V - 32V

Part Number:
200134 - (8 to 16V)
200136 - (16 to 32V)



FUEL LEVEL

52mm Diameter
EDG Gauge
Fuel Gauge
12V - 24V

Part Number:
200176 - (12V)
200178 - (24V)



400002



400006

HOURLY METER

52mm Diameter
EDG Gauge
Hour Meter Gauge
12V - 24V

Part Number:
400002 - (12 to 24V)

400006 - (12 to 24V)
With Indication Light



DIGITAL HOUR METER

52mm Diameter
EDG Gauge
Digital Hour
Meter Gauge
12V - 24V

Part Number:
400004 - (12 to 24V)



TACHOMETER

80mm Diameter
0 - 3000RPM
EDG Gauge
Tacho Meter
Gauge
12V - 24V

Part Number:
410202 - (12 to 24V)



SPINLOCK HOUR METER

Spinlock Mechanism
Voltage: 12V - 24V
Size Dia.: 52mm
10 000 Hours
Non Illuminated

Part Number:
B-H-748 - (12 to 24V)



OIL PRESSURE SENDER

1/8" NPT
EDG Gauge
Oil Pressure Sender
5 - 10 Bar

Part Number:
1 PIN
110001 - (0-5 Bar)
110002 - (0-10 Bar)
2 PIN
110003 - (0-5 Bar)
110018 - (0-10 Bar)





ACCB/UPKOM

Backup Alarm
Fixed 112dB

Backup Alarm
12V - 36V DC



ACCB/UPALARM

102db Backup Alarm

Backup Alarm
12V - 24V



B/UPALARM

Voltage: 9 - 48V
Sound Level at (2 M): 110 dB
Power Consumption: 5.5W

Hella
Backup Alarm
9V - 48V
110dB



HELLA DISK HORN

114db
350 - 420Hz

Hella Disc Horn
12V & 24V

Part Number:
EHA0035 - (12V)
EHA0045 - (24V)



SEGER DISK HORN

Low Tone
105 - 118dB
335 Hz
91mm x 91mm x 56mm

Seeger Disc Horn
12V or 24V

Part Number:
50FK1200K - (12V)
50FK2400K - (24V)



SNAIL TYPE HORN

Low Tone
112dB
410 Hz
91mm x 92mm

Seeger Snail Type
Electric Horn
12-24V
112DB

Part Number:
60BK1202K - (12V)
60BK2402K - (24V)



DL1156-D

Voltage: 12V- 24V
Current: 15A
Type: Electric
dB Rating: 125dB
Size: 120mm x 160mm x 100mm

Snail Type
Electric Horn
12-24V
125DB



3 WIRE SOLENOID

Left Hand
3 Wire Cut-Off
Solenoid

3 Wire
12V & 24V

Part Number:
SOLX047 - (12V)
SOLX046 - (24V)



2 WIRE SOLENOID

Left Hand
2 Wire Cut-Off
Solenoid

2 Wire
12V & 24V

Part Number:
SOLX053 - (12V)
SOLX054 - (24V)



3 WIRE SOLENOID

Right Hand
3 Wire Cut-Off
Solenoid

3 Wire
12V & 24V

Part Number:
SOLX049 - (12V)
SOLX048 - (24V)



3 WIRE SOLENOID

3 Wire Cut-Off
Cummins Solenoid

3 Wire
24V

Part Number:
SOLX041 - (24V)



2 WIRE SOLENOID

2 Wire Cut-Off
Solenoid

2 Wire
24V

Part Number:
SOLX039 - (24V)



XIOR-LINK-KIT

Cut Off Solenoids
Link Kit

1 WIRE SOLENOID

Part Number:
35DZS1E2 - (12V)
37DZS1E2 - (24V)

APE Solenoid
12V & 24V - 1 Wire

Pull Force: min. 90N
Hold Force: min. 210N
Life Cycle: 100 000 Cycles
Starting Time: min. 350ms
IP Rating: Ip65



**HOT
PRODUCT**

**HOT
PRODUCT**



Single View

JY-M7502-KIT

Screen

Dimension: 7 Inch Digital Color LCD Quad monitor
Resolution: 800 *3(RGB)*480
TV System: NTSC/PAL
Waterproof Rate: IP69K
Working voltage: 12-32V
Dustproof, waterproof, hydrochloric acid prevention, explosion prevention
Multiple menu languages: English, Dutch, French, Spanish, Russian, German, Italian
Can repeat the view picture, 1-60 sec can adjustment
Normal or mirrored picture can be switched separately on each camera
The trigger delay time can be adjusted (0-4s) on each camera.
In standby mode, monitor will turn on automatically when triggered and will switch to the corresponding trigger camera image, Trigger end after shutdown.
Self-protect of the DC voltage at the Short-Circuit.
Video format: PAL / NTSC optional

Camera

Sensor Color: CCD
Resolution :420 TV lines
Lens: f=2.5mm
Lens Angle: 120°
Infrared LED light: 9PCS
IR Distance: 10m
Waterproof Rate: Ip68



**HOT
PRODUCT**

Quad View

JY-M7504-KIT

Screen

Dimension: 7 Inch Digital Color LCD Quad monitor
Resolution: 800 *3(RGB)*480
TV System: NTSC/PAL
Waterproof Rate: IP69K
Working voltage: 12-32V
Dustproof, waterproof, hydrochloric acid prevention, explosion prevention
Multiple menu languages: English, Dutch, French, Spanish, Russian, German, Italian
Can repeat the view picture, 1-60 sec can adjustment
Normal or mirrored picture can be switched separately on each camera
The trigger delay time can be adjusted (0-4s) on each camera.
In standby mode, monitor will turn on automatically when triggered and will switch to the corresponding trigger camera image, Trigger end after shutdown.
Self-protect of the DC voltage at the Short-Circuit.
Video format: PAL / NTSC optional

Camera

Sensor Color: CCD
Resolution :420 TV lines
Lens: f=2.5mm
Lens Angle: 120°
Infrared LED light: 9PCS
IR Distance: 10m
Waterproof Rate: Ip68



7" High Quality Monitor

The bracket is made of high quality material, firm and stable, with a sun shade design, the monitor can provide you with excellent images, the monitor can display 1 or 2 video inputs.

• 7" Wide Monitor

- Remote Control Function
- Multi Language display available
- Support 12V & 24V DC
- 2 Channel Input
- 16:9 Wide Screen
- Reverse Guide
- Auto Reverse Trigger
- Mirror / Normal Switch

• Waterproof Rearview Camera

- IP69K
- Support Mirror Switch
- Support ICR Switch
- 13m Infrared Distance
- 2 Megapixel Sony sensor
- Night Vision function
- 120° View Angle

- 1 x Monitor
- 1 x Jy665 Camera
- 1 x 5m Cable



JY-M7502

7" Waterproof Monitor

2 Channel Monitor



JY-M7504

4 Channel Monitor



JY-6731

IP69K Waterproof Rearview Camera Support Mirror Switch Support ICR Switch



JY-665

IP69K Waterproof Rearview Camera Support Mirror Switch Support ICR Switch

Camera



JY-C05

Camera System Cable

5 Meter



JY-C10

Camera System Cable

10 Meter



BATTERY TERMINALS

Negative & Positive
Brass Terminals

Heavy Duty
Battery Terminals

Part Number:
ETE0800B - (Negative)
ETE0810B - (Positive)



BATTERY TERMINALS

Negative & Positive
Terminals

Light Duty
Battery Terminals

Part Number:
ETE0800 - (Negative)
ETE0810 - (Positive)



BCL600

BATTERY CLAMPS

Part Number:
BCL861 - (50A)
BCL150 - (150A)
BCL200 - (200A)
BCL600 - (600A)

Red & Black Battery
Jumper Lead Clamps



JUMPER LEAD

600 Amp
Jump Leads / Booster Cable
Heavy Duty Clamps
Ideal for Commercial &
Private Vehicle use.

5m - 10m
Jumper Cables

Part Numbers
JC-5m
JC-10m



T6

Battery Tester
System Analyser
WET, AGM, EFB & GEL
CCA, SAE, EN, IEC, DIN, CA, JIS
Starter Tests
Alternator Tests
Carry Case Included

12V Battery Tester
& Electrical System
Analyser



T11

Battery Tester
System Analyser
WET, AGM, EFB & GEL
CCA, SAE, EN, IEC, DIN, CA, JIS
12 / 24V Starter Tests
12 / 24V Alternator Tests
Memory Saving
Built-in Printer

12 / 24V Battery Tester
& Electrical System
Analyser
with Printer



H600A

Voltmeter Range:
12V Batteries 0-15V
6V Batteries 0-6V

Battery Capacity:
200Ah Maximum

Discharge Current:
0 - 600A (15 Seconds)

600A Hawking
Battery Load Tester



PRO615

PRO615 Hawkins is a multi battery charger
capable of charging 12V, 24V & 36V Batteries.
Charger can charge 6 x 12V batteries at a time.
Voltage selection switch allows user to set
appropriate voltage per bank.
Capable charge current up to 10A per bank.
Input Voltage: 230V AC
Output Voltage: 12V / 24V / 36V @ 10A



BATTERY CLAMPS

Voltage: 12V/ 24V
Charge Current: 37A / 44A DC
Input Voltage: 230V AC

12V & 24V **Transportable battery charger,
jump starter** for medium to heavy motor
vehicles up to, 300A cranking capacity.
Re-settable circuit breaker to guard against
reverse polarity or high charging current



P2I-ST

2 x 22Ah Lithium Batteries
Digital Voltmeter
Fully Automatic Charger
Car Charger
Industrial Brass Clamps
Built-in Safety Fuse
12/24V Connector

12V / 24V Lemanía Booster Pack

- Peak Amps: 5000 / 2500
- Starting Amps: 1700 / 850
- Output Voltage: 12V or 24V
- Nr. of Batteries: 2
- Weight: 35kg
- Cable Reach: 1850mm
- Charger Voltage: 230V AC
- Charger Amps: 3 Amps



P2-TR

2 x 34Ah Lithium Batteries
Digital Voltmeter
Premium Smart Charger
Car Charger
Industrial Brass Clamps
Built-in Trolley
Reverse Polarity Alarm
Built-in Safety Fuse
12/24V Switch or Connector

12V / 24V Lemanía
Booster Pack Trolley

- Peak Amps: 6400 / 3200
- Starting Amps: 2560 / 1280
- Output Voltage: 12V or 24V
- Nr. of Batteries: 2
- Weight: 37kg
- Cable Reach: 1900mm
- Charger Voltage: 230V AC
- Charger Amps: 7 Amps

**Ideal Battery booster & smart charger for large fleets.
Heavy Duty wheel trolley**



C7-ST

ProCap Booster
Digital Voltmeter
Industrial Brass Clamps
Reverse Polarity Alarm
Built-in Safety Fuse
12/24V Switch
1 000 000 Cycles
Zero Maintenance
Light Weight

12V / 24V ProCap
Lemanía Booster Pack

- Peak Amps: 18000 / 9000
- Starting Amps: 4400 / 3400
- Output Voltage: 12V or 24V
- Weight: 12.7kg
- Cable Reach: 1700mm
- Charger Voltage: 230V AC
- Charger Amps: 3 Amps

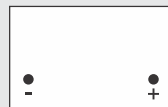


BATTERIES

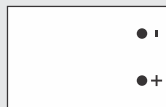
TYPE	RATED CAP.	CCA	LENGTH MM	WIDTH MM	HEIGHT MM	LAYOUT
610	50AH	470A	240	175	205	0
618 / 619	43AH	420A	210	175	175	0
628/ 629	45AH	420A	245	175	175	0
636	45AH	420A	235	125	225	0
638	60AH	500A	260	175	225	1
646	62AH	480A	245	175	190	0
650	90AH	730A	260	175	225	1
652	72AH	580A	275	175	190	0
657	72AH	580A	275	175	190	1
658	100AH	820A	355	175	190	0
668	80AH	730A	315	175	190	0
669	80AH	730A	315	175	190	1
675	100AH	1000A	330	175	240	C
675 STUD	100AH	1000A	330	175	240	C
682	140AH	950A	515	190	225	4
683	140AH	950A	515	190	225	3
685	135AH	910A	515	175	210	3
688	230AH	1200A	515	275	240	4
689	180AH	1050A	515	225	220	4
695	230AH	1200A	515	275	240	3
698	180AH	1050A	515	225	220	3



LAYOUT 0



LAYOUT 1



LAYOUT 3



LAYOUT 4



LAYOUT C



ENERTEC
NO LIMITS.

Deltec
BRINGING ENERGY TO LIFE



Donaldson Delivers

Fuel, Lube & Coolant Filters That Work As Hard As You Do





CB2-BS542

1 x N/C Contact
Emergency Stop Button



CB2 PUSH BUTTON

Part Number:
CB2-BA31 - (Green N/O)
CB2-BA42 - (Red N/C)
22MM Push Button



CB2 PUSH BUTTON

Part Number:
N/C Contact:
CB2-BP42 - (Red)
N/O Contact:
CB2-BP31 - (Green)
CB2-BP21 - (Black)
22MM Push Button with Cover



CB4 PUSH BUTTON

Part Number:
N/C Contact:
CB4-BA42 - (Red)
N/O Contact:
CB4-BA31 - (Green)
CB4-BA21 - (Black)
22MM Push Button with Cover



CB2-BD45

2 Pos Spring Return
1N/O + 1N/C Contacts
22MM Short Handle Selector Switch



L/H SELECTOR SWITCH

3 Pos Maintained Spring Return
22MM Long Handle Selector Switch

Part Number:
CB2-BJ25 - (1N/O + 1N/C)
CB2-BJ33 - (2N/O)
CB2-BJ45 - (1N/O + 1N/C)
CB2-BJ53 - (2N/O)



S/H SELECTOR SWITCH

2 Pos & 3 Pos
N/O & N/C Contacts
22MM Short Lever Panel Switch

Part Number:
CB2-BD25 - (2 Pos.)
CB2-BD33 - (3 Pos.)



CB2-BG33

3 Pos Maintained
2 x N/O Contacts
22MM Key Operated Selector Switch



CA42JQT-11/R

1 x N/C Contact
Palm Switch
Emergency Stop Surface Mount



E/STOP IN ENCLOSURE

Emergency Stop Button
Complete in Enclosure
1 x N/C Contact
E/Stop in Enclosure

Part Number:
CAL-J174H29 - (N/C - N/C)
CAL-J174H29B - (N/C - N/O)



CAL-J184H29

Complete in Enclosure
1 x N/C Contact
E/Stop in Enclosure with Keys



CAL-B132H29

2 Way Switch Maintained
N/O Contact
Switch in Enclosure



RM/ST-17

Die-cast Enclosure
Start - Green



RM/ST-21

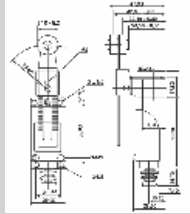
Die-cast Enclosure
Start / Stop
Green & Red





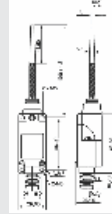
ACCTZ8108

Adjustable Lever
Limit Switch



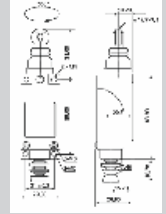
ACCTZ8166

Spring Type
Limit Switch



ACCTZ8122

Roller Type
Limit Switch



C4B-4115N

Max Voltage: 250V
Rated Current: 10A
Fixed Lever
1NO, 1NC Contacts

CNTD
Limit Switch

CNTD®



C4B-4112N

Max Voltage: 250V
Rated Current: 10A
Adjustable Lever
1NO, 1NC Contacts

CNTD
Limit Switch

CNTD®



WL-D2

Roller Type
Limit Switch



CM-1704N

Max Voltage: 250V
Resistance Load: 15A
Roller Lever
1NO, 1NC Contacts

CNTD
Limit Switch

CNTD®



CMV16051C2

Max Voltage: 250V
Resistance Load: 16A
Long Handle
1NO, 1NC Contacts

CNTD
Limit Switch

CNTD®



CM16041C

Max Voltage: 250V
Resistance Load: 16A
Short Pulley
1NO, 1NC Contacts

CNTD
Limit Switch

CNTD®



CMV16021C

Max Voltage: 250V
Resistance Load: 16A
Short Shank
1NO, 1NC Contacts

CNTD
Limit Switch

CNTD®



CM-1308N

Max Voltage: 250V
Resistance Load: 15A
Push In Wheel
1NO, 1NC Contacts

CNTD
Limit Switch

CNTD®



RM/ST-17

Max Voltage: 240V
Ui: 500V
Uimp: 6kV
AC15
3A

Telemecanique
Limit Switch



CB2 CONTACT BLOCKS

Part Number:
CB2-BE101 - (N/O)
CB2-BE102 - (N/C)

Normally Open &
Normally Closed
CB2 Contact Block



CB4 CONTACT BLOCKS

Part Number:
CB4-BE101 - (N/O)
CB4-BE102 - (N/C)

Normally Open &
Normally Closed
CB4 Contact Block



Part Number: AUTO WIRE

Part Number: AUTO WIRE

K1600	1.5mm x 30m Pink	K2590	2.5mm x 30m Black
K1605	1.5mm x 30m Orange	K4000	4mm x 30m Pink
K1610	1.5mm x 30m White	K4005	4mm x 30m Orange
K1620	1.5mm x 30m Yellow	K4010	4mm x 30m White
K1630	1.5mm x 30m Red	K4020	4mm x 30m Yellow
K1640	1.5mm x 30m Purple	K4030	4mm x 30m Red
K1650	1.5mm x 30m Blue	K4040	4mm x 30m Purple
K1660	1.5mm x 30m Green	K4050	4mm x 30m Blue
K1670	1.5mm x 30m Grey	K4060	4mm x 30m Green
K1680	1.5mm x 30m Brown	K4070	4mm x 30m Grey
K1690	1.5mm x 30m Black	K4080	4mm x 30m Brown
K2500	2.5mm x 30m Pink	K4090	4mm x 30m Black
K2505	2.5mm x 30m Orange	K6010	6mm x 30m White
K2510	2.5mm x 30m White	K6030	6mm x 30m Red
K2520	2.5mm x 30m Yellow	K6050	6mm x 30m Blue
K2530	2.5mm x 30m Red	K6080	6mm x 30m Brown
K2540	2.5mm x 30m Purple	K6090	6mm x 30m Black
K2550	2.5mm x 30m Blue	K8010	8mm x 30m White
K2560	2.5mm x 30m Green	K8030	8mm x 30m Red
K2570	2.5mm x 30m Grey	K8090	8mm x 30m Black
K2580	2.5mm x 30m Brown		



CORE CABLE

Part Number:	Description
K9208	30m x 0.8mm 2 Core
K9216	30m x 1.6mm 2 Core
K9316	30m x 1.6mm 3 Core
K9516	30m x 1.6mm 5 Core
K9708	30m x 0.8mm 7 Core
K9716	30m x 1.6mm 7 Core



LAPP GROUP

LAPP CABLE OLFLEX CLASSIC

Part Number:	Description	Part Number:	Description
EWI1119902	2 Core	EWI1119310	10 Core
EWI1119303	3 Core	EWI1119312	12 Core
EWI1119304	4 Core	EWI1119318	18 Core
EWI1119305	5 Core	EWI1119334	34 Core
EWI1119307	7 Core	EWI1119365	65 Core

BATTERY CABLE

Part Number:	
EWI1400	GREEN 16mm ²
EWI1600	BLUE 25mm ²
EWI1200	GREY 35mm ²
EWI1500	BLACK 50mm ²
EWI1300	RED 50mm ²



SOLID SLEEVING

Part Number:

CA-PA6-V2AD10.0	10mm x 100m Roll
CA-PA6-V2AD13.0	13mm x 100m Rolls
CA-PA6-V2AD15.8	16mm x 100m Rolls
CA-PA6-V2AD21.2	21mm x 100m Rolls

Solid Corrugated Sleeving



SPLIT SLEEVING

Part Number:

EWI2550	25m x 7mm
EWI2600	25m x 10mm
EWI2640	25m x 14mm
EWI2660	25m x 16mm
EWI2900	25m x 20mm

HellermannTyton
Corrugated Split Sleeving

HellermannTyton

Made of high quality
Polyamide 6.6



Up to 670 N
Tensile Strength

-40 °C to +85 °C
Operating Temperature

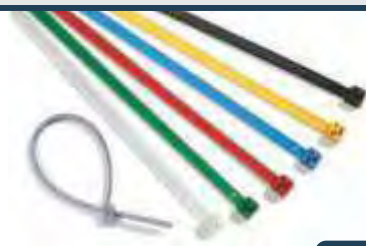
CABLE TIES

Part Number:

EHA0200H	T18R Black Cable Ties
EHA0210H	T50R Black Cable Ties
EHA0220H	T30R Black Cable Ties
EHA0225H	T50I Black Cable Ties
EHA0230H	T50L Black Cable Ties
EHA0235H	T120R Black Cable Ties
EHALK5	LK5 Black Cable Ties

HellermannTyton
Cable Ties

HellermannTyton



SELF ADHESIVE TIE MOUNT

Part Number
CS-20(20mm)
CS-30(30mm)

COLOURED CABLE TIES

Part Number:

EHA0200O	T50R Orange Cable Ties
EHA0210R	T50R Red Cable Ties
EHA0210G	T50R Green Cable Ties
EHA0210Y	T50R Yellow Cable Ties
EHA0210B	T50R Blue Cable Ties
EHA0210P	T50R Purple Cable Ties

HellermannTyton
Cable Ties

HellermannTyton



**HOT
PRODUCT**



Certified by UL

CABLE TIES

Part Number:

EDG-3X100	T18R 3 x 100mm Black Cable Ties
EDG-4X150	T30R 4 x 150mm Black Cable Ties
EDG-5X200	T50R 5 x 200mm Black Cable Ties
EDG-5X300	T50I 5 x 300mm Black Cable Ties
EDG-5X400	T50L 5 x 400mm Black Cable Ties
EDG-8X400	T120R 8 x 400mm Black Cable Ties
EDG-13X540	LK5 13 x 540mm Black Cable Ties

EDG Series
Cable Ties



BLACK HEAT SHRINK

Part Number:

DRS2.4	2.4/1.2mm Black
DRS3.2	3.2/1.6mm Black
DRS4.8	4.8/2.4mm Black
DRS6.4	6.4/3.2 Black
DRS9.5	9.5/4.75 Black
DRS19.0	19/9.5 Black

EDG Series
Steel Cable Ties

HellermannTyton



STEEL HOSE CLAMPS

Part Number:

0039812	8-12mm
00539816	6-16mm
0053911222	12-20mm
0053911626	16-25mm
0053913250	32-50mm
0053914060	40-60mm
0053915070	50-70mm
0053916080	60-80mm
0053917090	70-90mm

Screw Tightening
Steel Hose Clamps



2 WAY

Deutsch connectors offer field proven reliability and rugged quality.

Deutsch Connectors

Part Number:
DT2FKITEA (FEMALE)
DT2MKITEA (MALE)



3 WAY

Deutsch connectors offer field proven reliability and rugged quality.

Deutsch Connectors

Part Number:
DT3FKITEA (FEMALE)
DT3MKITEA (MALE)



4 WAY

Deutsch connectors offer field proven reliability and rugged quality.

Deutsch Connectors

Part Number:
DT4FKITEA (FEMALE)
DT4MKITEA (MALE)



6 WAY

Deutsch connectors offer field proven reliability and rugged quality.

Deutsch Connectors

Part Number:
DT6FKITEA (FEMALE)
DT6MKITEA (MALE)

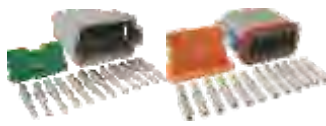


8 WAY

Deutsch connectors offer field proven reliability and rugged quality.

Deutsch Connectors

Part Number:
DT8FKITEA (FEMALE)
DT8MKITEA (MALE)



12 WAY

Deutsch connectors offer field proven reliability and rugged quality.

Deutsch Connectors

Part Number:
DT12FKITEA (FEMALE)
DT12MKITEA (MALE)



DT-CRIMPER

Deutsch Pin Crimper
20-12 Awg

Crimper



0411.204.1605

Steel Deutsch Pin Remover Tool



719-9453

16 Series AMPSEAL
2 Way Plug

Ampseal
2 Way



719-9466

16 Series AMPSEAL
3 Way Plug

Ampseal
3 Way



719-9469

16 Series AMPSEAL
6 Way Plug

Ampseal
Way



HOT PRODUCT

DEUTSCH PINS

Pin or Socket
Contact Termination: Crimp
Wire Gauge: 14 AWG
Contact Material: Copper Alloy
Contact Finish: Nickel

Part Number:
0460-215-16141 - (Male)
0460-209-16141 - (Female)



HOT PRODUCT



DEUTSCH KIT

DT2MKITEA - 2 Way Male
DT2FKITEA - 2 Way Female
DT3MKITEA - 3 Way Male
DT3FKITEA - 3 Way Female
DT4MKITEA - 4 Way Male
DT4FKITEA - 4 Way Female
DT6MKITEA - 6 Way Male
DT6FKITEA - 6 Way Female
DT8MKITEA - 8 Way Male
DT8FKITEA - 8 Way Female
DT12MKITEA - DT12 Way Male Kit
DT12FKITEA - DT12 Way Female Kit
DEUTSCH-KIT - Deutsch Connector Kit



DEUTSCH



HD24-24-9PE-L017

HD20 Series
Plug

9 Way Pin
Deutsch Plug



HDP26-24-9SE-L017

HD20 Series
Plug

9 Way Pin
Deutsch Plug



HDP24-24-19PE-L017

HD 20 Series
Plug

19 Pin Male
Deutsch Plug



HDP26-24-19SE-L017

HD 20 Series
Plug

19 Pin Female
Deutsch Plug



HDP24-24-21PE-L017

HD20 Series
Plug

21 Pin Male
Deutsch Plug



HDP26-24-21SE-L017

HD20 Series
Plug

21 Pin Female
Deutsch Plug



HDP24-24-29PE-L017

HD20 Series
Plug

29 Pin Male
Deutsch Plug



HDP26-24-29SE-L017

HD20 Series
Plug

29 Pin Female
Deutsch Plug



HDP24-24-31PE-L017

HD20 Series
Plug

31 Pin Male
Deutsch Plug



HDP26-24-31SE-L017

HD20 Series
Plug

31 Pin Female
Deutsch Plug



HDP26-24-47PE-L017

HD20 Series
Plug

31 Pin Male
Deutsch Plug



HDP26-24-47SE-L017

HD20 Series
Plug

31 Pin Female
Deutsch Plug



T2100163117

HD20 Series
Plug

2 Pin Male
Deutsch Plug



T647615600

HD 20 Series

18 Shell
Deutsch Plug
Panel Nut



T6476156

HD 20 Series

24 Shell
Deutsch Plug
Plastic Panel Nut



T2100013710

Plastic Washer

Deutsch Plug
Washer



BATTERY LUGS

Part Number:
ETE50X8 - (8mm)
ETE50X10 - (10mm)
ETE50X12 - (12mm)
ETE70X10 - (10mm)
ETE70X12 - (12mm)

Battery Lug
8mm - 12mm



F/I PUSH ON

Part Number:
ETE1541 - (Red)
ETE1542 - (Blue)
ETE1543 - (Yellow)

Fully Insulated
Push-On Terminals



PUSH IN

Part Number:
ETE540 - (Red)
ETE740 - (Blue)
ETE840 - (Yellow)

Push-In Terminal



PUSH ON

Part Number:
ETE541 - (Red)
ETE542 - (Blue)
ETE543 - (Yellow)
ETE559 - (Red 3mm)
ETE555 - (Red 11mm)
ETE500 - (Yellow 11mm)

Push-On Terminals



PIPE TERMINALS

Part Number:
ETE545 - (Red)
ETE546 - (Blue)
ETE551 - (Yellow)

Pipe Terminals



BULLET TERMINALS

Part Number:
ETE548 - (Red)
ETE549 - (Blue)
ETE849 - (Yellow)

Female
Bullet Terminal



BULLET TERMINALS

Part Number:
ETE547 - (Red)
ETE550 - (Blue)
ETE850 - (Yellow)

Male Bullet
Terminal



BLUE EYE TERMINALS

Part Number:
ETE653 - (3mm)
ETE654 - (4mm)
ETE655 - (5mm)
ETE656 - (6mm)
ETE658 - (8mm)
ETE668 - (10mm)

Blue Eye
Terminals



RED EYE TERMINALS

Part Number:
ETE633 - (3mm)
ETE634 - (4mm)
ETE635 - (5mm)
ETE638 - (8mm)
ETE640 - (10mm)

Red Eye
Terminals



YEL. EYE TERMINALS

Part Number:
ETE675 - (5mm)
ETE676 - (6mm)
ETE678 - (8mm)
ETE680 - (10mm)

Yellow Eye
Terminals



BRASS TERMINALS

Part Number:
ETE2911 - (Male)
ETE2922 - (Female)

Non-insulated
Special Brass
Terminals



BOOTLACE

Part Number:
E1508B - Black 1.5mm
E1510 - Black 1.5mm
E2508 - Grey 2.5mm
E2510 - Grey 2.5mm
E1508R - Red 1.5mm
E1010 - Red 10mm
E4010 - Yellow 4mm
E6012 - Green 6mm
E0510 - White 0.5mm

Wire Ferrule,
E Series,
Single Wire,
600 V, Nylon

**HOT
PRODUCT**



IT-250RSA

900 Pcs Terminal Kit

Complete
Terminal Kit



SELF SOLDERING CONNECTORS

Operation temp: -55°~105°
Shrinking temp: 80°+
Soldering tin start to melt : 138°
Full melting temperature : 160°
IP Rate:IP 67

Part Number:
SST-S21 - 0.5mm-1.0mm, 22-18AWG
SST-S31 - 1.5mm-2.5mm, 16-14AWG
SST-S41 - 4.0mm-6.0mm, 12-10AWG

Self Soldering
Connector

High conductivity copper
Electro tinned plated



COPPER CONNECTING TERMINALS

SC-1.5 X 5	1.5 x 5mm Non Insulated Ring Lug
SC-2.5 X 4	2.5 x 4mm Non Insulated Ring Lug
SC-2.5 X 5	2.5 x 5mm Non Insulated Ring Lug
SC-4 X 5	4 x 5mm Non Insulated Ring Lug
SC-6 X 5	6 x 5mm Non Insulated Ring Lug
SC-6 X 6	6 x 6mm Non Insulated Ring Lug
SC-10 X 6	10 x 6mm Non Insulated Ring Lug
SC-10 X 8	10 x 8mm Non Insulated Ring Lug
SC-25 X 8	25 x 8mm Non Insulated Ring Lug
SC-25 X 10	25 x 10mm Non Insulated Ring Lug
SC-16 X 8	16 x 8mm Non Insulated Ring Lug
SC-35 X 8	35 x 8mm Non Insulated Ring Lug
SC-35 X 12	35 x 12mm Non Insulated Ring Lug
SC-70 X 10	70 x 10mm Non Insulated Ring Lug
SC-70 X 12	70 x 12mm Non Insulated Ring Lug
SC-95 X 10	95 x 10mm Non Insulated Ring Lug
SC-120 X 16	120 x 16mm Non Insulated Ring Lug
SC-150 X 16	150 x 16mm Non Insulated Ring Lug
SC-185 X 16	185 x 16mm Non Insulated Ring Lug



CHE167

M7 Degreaser- 20 Litre
Heavy Duty
Water Soluable
Solvent Based
Neutral PH

M7 Degreaser



ACCRAGS

General purpose cleaning rags.
Cotton rags suitable for workshops and garages.

5kg Cotton Rags



ACCTHREATAPE

Thread Tape



Flame Retardant
19mm x 20m

20M

Hella
Insulation Tape



EDG INSULATION TAPE

EDG
Insulation Tape

Part Number:
INS-BLACK
INS-YELLOW
INS-BLUE
INS-GREEN
INS-RED
INS-WHITE



SHUSI35#

High quality
Self-fusing
Rubber tape



0060162

Polyester liner that will not
stick when unwinding. 3M
Amalgamating
Tape
Stretch up to 100%
Moisture-resistant insulation

Ethylene Propylene
Rubber based tape

Ideal for moisture sealing
electrical connections



0060052

Scotchfil Putty
38mm x 1.5m





Q-BOND GLUE

Part Number:
QB1 - 5ml Glue Only
QB2 - Small Kit

Q-Bond
Glue Kits

SMALL KIT CONTENTS
1 x Black Powder
1 x Grey Powder
1 x 10ml Glue
1 x 5ml Glue



ACC401.20G

Instant Adhesive
Low viscosity
Ideal for use on porous
substrates.

Loctite 401
Glue
20g

ACC272

Base Methacrylate
Fixture Time: 40 min.
Fixture Time Temp: 40 °C
Substrates Metal: Steel

Loctite 272
Threadlocker
50ml

GASKET MAKER

Part Number:
GD02 - Red
135275 - Grey
GD01 - Black
GD03 - Blue

Glue Devil
Gasket Markers
70/90ml



HIGH TEMP



BRG



HIGH STRENGTH



92057

High Strength.
High temperature thread locker.
Typically for M10-M20 studs and bolts.

Pratley
Pratlok
50g

Disassembly difficult without extreme heat.
Suitable for temperatures up to
230 degrees Celsius.



92055

Medium/High Strength.
Low viscosity retaining grade
for retaining bearings onto
shafts, into housings or for bushes
and other cylindrical close
tolerance assemblies.

Pratley
Pratlok
50g

Use this grade to replace press fits with slip fits



92053

High Strength.
High viscosity thread locker
for >M20 threads and for
flanged assemblies and gap filling.

Pratley
Pratlok
50g

Disassembly difficult without heating.



98004

Multipurpose high performance
cyanoacrylate of the highest
quality.
Unique self piercing nozzle.
Unique tear-off safety collar.

Pratley
Super Glue
20g

Modified to meet the stringent
requirements of industry.



HAND CLEANER

Part Number:
SH85 - 500G
SH87 - 5KG

Safic
Hand Cleaner
with Grid

ACCQ20

Q20 Moisture
Repellent

ACCSPARK

Multi Purpose
Lubricant

Spark

ACCLECTROCLEAN

Non-Flammable
Electrical Cleaner

Spanjaard
Lectro Clean



ACCSWCLEAN

Lubricating
Switch Cleaner

Spanjaard

BATTERY TERM. PROTECTOR

Part Number:
50201401 - Blue
50201402 - Red

Spanjaard
Battery Terminal
Protector Spray
200ml

L0021854

100% Humidity Reduction
NanoTech
Electronic
Protective
Coating
100ml

Spray-on Nano Tech
is designed to protect 100%
against moisture of electrical
appliances and circuitry.

TECTYL506

Anti Rust Proof Preventative
Multi Purpose Spray

Tectyl
400ml





2130

Suitable for cleaning sensitive electronics.
Evaporates quickly, leaves no residue and is safe to use on all plastics.

Quick Dry
Contact
Cleaner
312g

Use where lower flashpoint cleaners are acceptable.

NSF K2 Registered.



2140

Effective alternative to 141b-based cleaners when sensitive plastics are not a concern.

Contact
Precision
Cleaner 2000
368g

Evaporates quickly, leaves no residue, has no flash or fire point and contains no Class I or Class II Ozone Depleting Chemicals.



1003175

Effectively removes contaminants to increase operating efficiency of energized electrical equipment.

Lectra Clean
H/Duty Electrical
Degreaser
538g

It evaporates quickly, leaves no residue and has no flash or fire point.

Designed and labeled to be used on equipment where energy and/or residual exists during cleaning.



CRC2-26

Plastic safe lubricant, penetrant and corrosion inhibitor that helps prevent electrical malfunctions caused by water penetration, humidity, condensation or corrosion.

Multi-Purpose
Lubricant
311g

Restores resistance values and helps stop current leakage.



3020

Something as simple as rust and corrosion on nuts and bolts can make an easy job feel impossible.

Knocker Loose
Penetrating
Solvent
368g

Now you can loosen rusted bolts quickly, with CRC Knock'er Loose® Penetrating Solvent.

Knock'er Loose® can make any job go faster by loosening seized or bound fasteners, allowing you to remove them without extra effort or stress.



18412

High-performance coating of >93% pure zinc that electrochemically bonds with ferrous metals to form a galvanic cell.

Zinc-It
Instant Cold
Galvanise
368g

It actively fights rust and corrosion.

Use as a touch-up for damaged galvanized coatings. Dries quickly.

Outdoor protection: 1-2 years.



NSF

FOOD GRADE: NSF CODE DESCRIPTIONS

NSF H1	This product is acceptable as a lubricant with incidental food contact for use in official establishments operating under the Federal Meat & Poultry Products Inspection Program
NSF H2	This product is acceptable as a lubricant where there is no possibility of food contact in official establishments operating under the Federal Meat & Poultry Products Inspection Program
NSF C1	This product is acceptable as a general cleaner/ degreaser in inedible product processing areas, and/or exterior areas of official establishments operating under the Federal Meat & Poultry Products Inspection Program
NSF K1	This product is chemically acceptable as a solvent cleaner for use in non-processing areas of official establishments operating under the Federal Meat & Poultry Products Inspection Program
NSF K2	This product is chemically acceptable as a solvent for cleaning electronic instruments and devices which will not tolerate aqueous cleaning solutions in official establishments operating under the Federal Meat & Poultry Products Inspection Program
NSF 3H	This product is acceptable for use as a Release Agent on grills, ovens, loaf pans, boning benches, chopping boards, or other hard surfaces in contact with meat and poultry food products to prevent food from adhering during processing
NSF M1	This product is acceptable for use as a mold release agent on molds that are used to produce packaging materials that will contact food to prevent the finished product from adhering to the mold. The amount used on the equipment should be the minimum required to accomplish the effect
NSF P1	This product is acceptable for use as a leak detector in and around food processing areas. The product must be only used in such a manner as to ensure it will have neither direct nor indirect contact with food or potable water
NSF E4	This product is acceptable for use as a hand cream, lotion or cleaner in non-processing areas. The use of such products is limited to toilets, dressing rooms and other non-processing areas.
NSF R2	This product is acceptable for use as a coating where there is no possibility of food contact such as floors, walls, and ceilings

Mining/Industrial

Electrical

Flammable

Electronic

Automotive

Evaporative

Specialized

Kauri Butanol (KB) value

Non-Flammable

360° spray valve

Multi-Purpose:
Lubricate / Protect /
Penetrate / De-water

Environmentally Preferred
Products (EPP)







FL08-40W

Voltage: 100V - 277V
Wattage: 40W
Lumens: 5400lm
RA: 70
PF: 0.9
Product Size:
359x308x82mm

Heavy Duty Aluminum
with Poly Carbonate Lens
Tempered Glass
IP66 Waterproof Rating
> 50 000 working Hours
4000k Colour Temp
10KV Spike Protection



FL08-60W

Voltage: 100V - 277V
Wattage: 60W
Lumens: 8400lm
RA: 70
PF: 0.9
Product Size:
30.8x35.9x8.8cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Tempered Glass
IP66 Waterproof Rating
> 50 000 working Hours
4000k Colour Temp
10KV Spike Protection



FL08-120W

Voltage: 100V - 277V
Wattage: 120W
Lumens: 16800lm
RA: 70
PF: 0.9
Product Size:
36.6x41.3x8.3cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Tempered Glass
IP66 Waterproof Rating
> 50 000 working Hours
4000k Colour Temp
10KV Spike Protection



FL08-180W

Voltage: 100V - 277V
Wattage: 180W
Lumens: 25200lm
RA: 70
PF: 0.9
Product Size:
46.2x45.2x8.8cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Tempered Glass
IP66 Waterproof Rating
> 50 000 working Hours
4000k Colour Temp
25KV Spike Protection



FL08-240W

Voltage: 100V - 277V
Wattage: 240W
Lumens: 33600lm
RA: 70
PF: 0.9
Product Size:
46.2x45.2x8.8cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Tempered Glass
IP66 Waterproof Rating
> 50 000 working Hours
5000k Colour Temp
25KV Spike Protection



FL01-60W

Voltage: 100V - 240V
Wattage: 60W
Lumens: 8400lm
RA: 70
PF: 0.9
Product Size:
35.6x31.5x10cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Adjustable Bracket
IP65 Waterproof Rating
> 50 000 working Hours
5000k Colour Temp
10KV Spike Protection



FL01-120W

Voltage: 100V - 240V
Wattage: 120W
Lumens: 15000lm
RA: 70
PF: 0.9
Product Size:
51.5x35.6x10cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Adjustable Bracket
IP65 Waterproof Rating
> 50 000 working Hours
5000k Colour Temp
10KV Spike Protection



FL01-180W

Voltage: 100V - 240V
Wattage: 180W
Lumens: 22500lm
RA: 70
PF: 0.9
Product Size:
51.5x49.5x10cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Adjustable Bracket
IP65 Waterproof Rating
> 50 000 working Hours
5000k Colour Temp
25KV Spike Protection



FL01-240W

Voltage: 100V - 240V
Wattage: 240W
Lumens: 33000lm
RA: 70
PF: 0.9
Product Size:
63.2x51.5x10cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Adjustable Bracket
IP65 Waterproof Rating
> 50 000 working Hours
5000k Colour Temp
25KV Spike Protection



FL06-300W

Voltage: 220V - 240V
Wattage: 300W
Lumens: 37500lm
RA: 70
PF: 0.9
Product Size:
26x59.8x40cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Tempered Glass
IP66 Waterproof Rating
Rotatable Axle
> 50 000 working Hours
5000k Colour Temp
25KV Spike Protection



FL06-600W

Voltage: 220V - 240V
Wattage: 600W
Lumens: 37500lm
RA: 70
PF: 0.9
Product Size:
56.4x59.8x40cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Tempered Glass
IP66 Waterproof Rating
Rotatable Axle
> 50 000 working Hours
5000k Colour Temp
25KV Spike Protection



FL06-900W

Voltage: 220V - 240V
Wattage: 900W
Lumens: 37500lm
RA: 70
PF: 0.9
Product Size:
79.2x59.8x40cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Tempered Glass
IP66 Waterproof Rating
Rotatable Axle
> 50 000 working Hours
5000k Colour Temp
25KV Spike Protection



FLI3-200W

Voltage: 100V - 240V
Wattage: 200W
Lumens: 27000lm
RA: 70
PF: 0.92
Product Size:
32.1x31.6x22.2cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Meanwell Driver
IP65 Waterproof Rating
120° Beam Angle
> 50 000 working Hours
6500k Colour Temp
25KV Spike Protection



FLI3-400W

Voltage: 100V - 240V
Wattage: 400W
Lumens: 54000lm
RA: 70
PF: 0.92
Product Size:
41.9x34x22.2cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Meanwell Driver
IP65 Waterproof Rating
120° Beam Angle
> 50 000 working Hours
6500k Colour Temp
25KV Spike Protection



FLI3-600W

Voltage: 100V - 240V
Wattage: 600W
Lumens: 81000lm
RA: 70
PF: 0.92
Product Size:
52.9x34x22.2cm

Heavy Duty Aluminum
with Poly Carbonate Lens
Meanwell Driver
IP65 Waterproof Rating
120° Beam Angle
> 50 000 working Hours
6500k Colour Temp
25KV Spike Protection

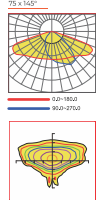


EMERGENCY BATTERY BACKUP
8W LED FOR 2 HOURS

STI14-60W

Input Voltage: 110 - 240V AC
Wattage: 60W
Lumens: 140lm/w
Colour Temp: 4000k
IP Rating: IP65
LED Driver: Constant Current
Lifespan: >50 000 Hours
Emergency: Backup Battery Power

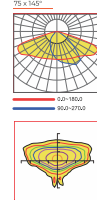




EO-ED-100W

Voltage: 100V - 277V
Wattage: 100W
Lumens: 130lm/w
PF: 0.95
Color Temp: 4000k
Operating Temp: -30°C to +80°C
Humidity RH: 15% to 95%
Operating Hours: >100 000 Hours
IP Rating: Ip66
Protection: 12KV Surge Protected

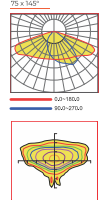
100W High Heat
LED Lighting
100V - 277V AC



EO-ED-300W

Voltage: 100V - 277V
Wattage: 300W
Lumens: 130lm/w
PF: 0.95
Color Temp: 4000k
Operating Temp: -30°C to +80°C
Humidity RH: 15% to 95%
Operating Hours: >100 000 Hours
IP Rating: Ip66
Protection: 12KV Surge Protected

300W High Heat
LED Lighting
100V - 277V AC



EO-ED-450W

Voltage: 100V - 277V
Wattage: 450W
Lumens: 130lm/w
PF: 0.95
Color Temp: 4000k
Operating Temp: -30°C to +80°C
Humidity RH: 15% to 95%
Operating Hours: >100 000 Hours
IP Rating: Ip66
Protection: 12KV Surge Protected

450W High Heat
LED Lighting
100V - 277V AC



YZTL858

Wattage: 60W
Beam Angle: 120°
System Efficiency: 100LM/W
CRI: ≥70
Color Temp: 4000K
Voltage: 100-277V
Working Temp: -40°C~+50°C
IP Rating: IP66
LED Life Span: >60000 hours
Size: Ø580mm x 456mm
Base: Ø60mm

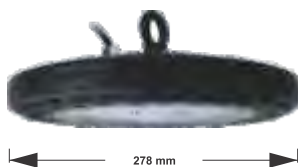
LED Post
Top Light

Aluminum Housing
PC and Tempered Glass Lens
IP 66 Waterproof Rating
Adjustable Pole Bracket
> 50 000 working Hours
4000k Colour Temperature
12KV Spike Protection



LED STREET LIGHTS

Part Number:	Voltage	Wattage	Luminous Flux:	Material	RA	PF	Product Size:
ST10-30W	100-240V	30W	3900lm	Aluminum+PC	70	0.9	64.9x27.2x17.9cm
ST10-50W	100-240V	50W	6500lm	Aluminum+PC	70	0.9	64.9x27.2x17.9cm
ST10-70W	100-240V	70W	9100lm	Aluminum+PC	70	0.9	64.9x27.2x17.9cm
ST10-90W	100-240V	90W	11700lm	Aluminum+PC	70	0.9	76.2x33.6x17.9cm
ST10-120W	100-240V	120W	15600lm	Aluminum+PC	70	0.9	76.2x33.6x17.9cm
ST10-150W	100-240V	150W	18750lm	Aluminum+PC	70	0.9	76.2x33.6x17.9cm
ST10-180W	100-240V	180W	23400lm	Aluminum+PC	70	0.9	88.7x37.8x19.6cm
ST10-240W	100-240V	240W	31200lm	Aluminum+PC	70	0.9	88.7x37.8x19.6cm
ST10-300W	100-240V	300W	39000lm	Aluminum+PC	70	0.9	88.7x37.8x19.6cm

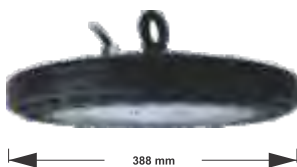


278 mm

XP-HB100A10

Voltage: 220V - 240V
Wattage: 100W
Luminous Flux: 10000lm
Beam Angle: 120°
RA: >80
PF: 0.95
Shade Diameter: 27.8x19.6cm

Driverless
Heavy Duty Housing
Highly Improved Heat Sinks
IP 65 Protection Rating
> 50 000 working Hours
6500k Colour Temperature
2KV Spike Protection



388 mm

XP-HB200A10

Voltage: 220V - 240V
Wattage: 200W
Luminous Flux: 20000lm
Beam Angle: 120°
RA: >80
PF: 0.9
Shade Diameter: 38.8x19.6cm

Driverless
Heavy Duty Housing
Highly Improved Heat Sinks
IP 65 Protection Rating
> 50 000 working Hours
6500k Colour Temperature
2KV Spike Protection



EL-HBGP-240W

Voltage: 100 - 277 AC
Wattage: 240W
Luminous Flux: 33600lm
Size: 32.5x32.5x18.3cm

Heavy Duty Housing
Highly Improved Heat Sinks
IP 65 Protection Rating
> 50 000 working Hours
4000k Colour Temperature
12KV Spike Protection



HB08-200W

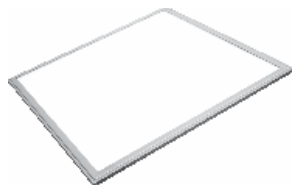
Voltage: 100V - 240V
Wattage: 200W
Luminous Flux: 26000lm
Beam Angle: 90°
RA: 70
PF: 0.95
Shade Diameter: 38.8x20.6cm

Heavy Duty Housing
Highly Improved Heat Sinks
IP 65 Protection Rating
> 50 000 working Hours
4000k Colour Temp
Meanwell LED Driver
25KV Spike Protection



HB17-450W

Heavy Duty Housing
Highly Improved Heat Sinks
IP 65 Protection Rating
> 50 000 working Hours
4000k Colour Temp
Meanwell LED Driver
25KV Spike Protection



FT-PL66-W40

Wattage: 40W
Voltage: 85V-265V
Operating Temp: -20°C to 50°C
Dimensions: 595x595x10mm
Color Temperature: 6000K
Lumens: 3600lm
PF: > 0.9

LED
Panel Light



FT-PL126-W60

Wattage: 60W
Voltage: 85V-265V
Operating Temp: -20°C to 50°C
Dimensions: 595 x 1195 x 10mm
Color Temperature: 6000K
Lumens: 5000lm
PF: > 0.9

LED
Panel Light



BLS66-W40

Wattage: 40W
Voltage: AC200-240V
PF: >0.9
Lumens: 4000LM
LED Type: SMD 2835
Color Temp: 6000K
Color Rendering: Ra≥80
Operating Temp: -20°C +40°C
IP Rating: IP40
Beam Angle: 120°
Dimensions: 595x595x10mm

LED Panel
Back Light



BLS126-W60

Wattage: 60W
Voltage: AC200-240V
PF: >0.9
Lumens: 6000LM
LED Type: SMD 2835
Color Temp: 6000K
Color Rendering: Ra≥80
Operating Temp: -20°C +40°C
IP Rating: IP40
Beam Angle: 120°
Dimensions: 595 x 1195 x 10mm

LED Panel
Back Light



STRIP-14.4W-LED

Voltage: 220 - 240V
Wattage: 14.4W/m
Lumens: 1290lm/m
Material: Anti-UV PVC
RA: 70
PF: 0.9
Product Size: 1.4x0.75cm

IP 65 Waterproof Rating
120° Beam Angle
> 50 000 working Hours
6500k Colour Temp.
Flexible PCB
60 x 5050 SMD Led's p/m
Single Row



STRIP-LED-RED

Voltage: 220 - 240V
Wattage: 14.4W/m
Lumens: 1290lm/m
Material: Anti-UV PVC
RA: 70
PF: 0.9
Product Size: 1.4x0.75cm

IP 65 Waterproof Rating
120° Beam Angle
> 50 000 working Hours
6500k Colour Temp.
Flexible PCB
60 x 5050 SMD Led's p/m
Single Row



STRIP-LED-GREEN

Voltage: 220 - 240V
Wattage: 14.4W/m
Lumens: 1290lm/m
Material: Anti-UV PVC
RA: 70
PF: 0.9
Product Size: 1.4x0.75cm

IP 65 Waterproof Rating
120° Beam Angle
> 50 000 working Hours
6500k Colour Temp.
Flexible PCB
60 x 5050 SMD Led's p/m
Single Row



STRIP-2835-140

Voltage: 220-240V
Wattage: 13W/m
Lumens: 1300lm/m
Product Size: 1.4x0.4cm

120° Beam Angle
> 50 000 working Hours
6500k Colour Temp
LED: SMD2835 144pcs/m
Single Row



STRIP-ENDCAP



STRIP-CONNECTOR



PIN-STRIP 5050



STRIP-POWERSUP

Power Supply for
5050 SMD LED Strip Lights



SPT-HV-CON2L

90° Connector for
5050 SMD LED Strip Lights



SPT-HV-CON2T

T-Connector for
5050 SMD LED Strip Lights

Diffused Plastic Cover
White Reflective Inner
IP65 Waterproof Rating
Without Tubes



WATERPROOF FITTING ONLY

Part Number:	Voltage	Wattage	Compatible Tube	Material	Product Size:
4FT-LED-WP-1T	230V	1 X 18W	LED	Plastic	123x10x7.5cm
5FT-LED-WP-1T	230V	1 X 22W	LED	Plastic	150.8x10x7.5cm
2FT-LED-WP-2T	230V	2 X 9W	LED	Plastic	67.5x12.5x7.5cm
4FT-230V-WP-2T	230V	2 X 36W	Fluorescent	Plastic	123x10x7.5cm
4FT-LED-WP-2T	230V	2 X 18W	LED	Plastic	123x10x7.5cm
5FT-230V-WP-2T	230V	2 X 58W	Fluorescent	Plastic	150.8x10x7.5cm
5FT-LED-WP-2T	230V	2 X 24W	LED	Plastic	150.8x10x7.5cm

Diffused Plastic Cover
IP 65 Waterproof Rating
6500k Colour Temperature



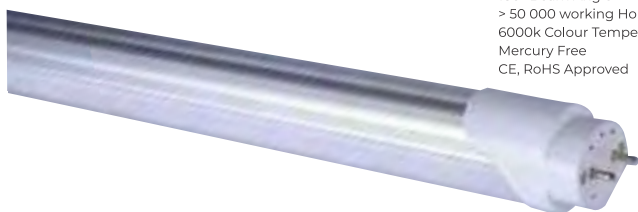
E27-CORD



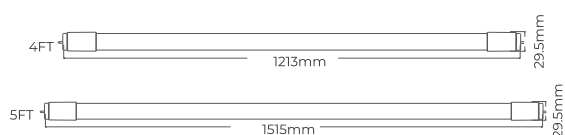
16A - CONNECTOR

W/PROOF FITTING WITH TUBES

Part Number:	Voltage	Wattage	Tubes Included	Material	Product Size:
4FT-PC-16A	230V	2 X 18W	LED	16A	123x10x7.5cm
4FT-PC-E27	230V	2 X 18W	LED	E27	123x10x7.5cm
4FT-LED-WP-EMG	230V	2 X 18W	LED	2 Hour Emergency Battery Backup	123x10x7.5cm
5FT-ALUM-16A	230V	2 X 24W	LED	16A	150.8x10x7.5cm
5FT-230V-COMP	230V	2 X 58W	Fluorescent	16A	150.8x10x7.5cm
5FT-LED-CPL-E27	230V	2 X 24W	LED	E27	150.8x10x7.5cm
5FT-LED-WP-EMG	230V	2 X 24W	LED	2 Hour Emergency Battery Backup	150.8x10x7.5cm



Aluminum PCB with Milky PC Cover
180° Beam Angle
> 50 000 working Hours
6000k Colour Temperature
Mercury Free
CE, RoHS Approved

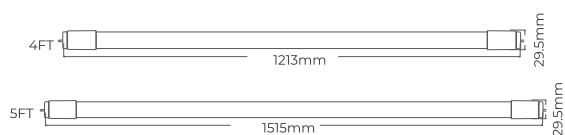


PC / ALUMINUM LED TUBES

Part Number:	Voltage	Wattage	Luminous Flux	Material	Base	Product Size:
2FT-TUBE-LED-AL	100 - 240V	9W	900LM	Alum & PC	G13	0.29x58.7cm
4FT-TUBE-LED-AL	100 - 240V	18W	1800LM	Alum & PC	G13	0.29x121.3cm
5FT-TUBE-LED-AL	100 - 240V	24W	2400LM	Alum & PC	G13	0.29x151.5cm

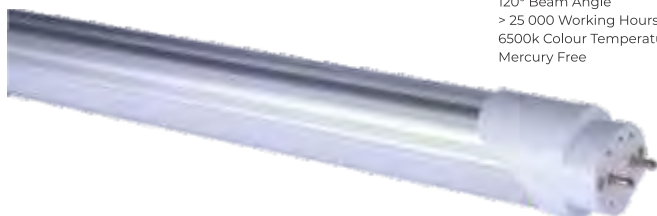


Milky Diffused PC Cover
> 25 000 working Hours
6500k Colour Temperature
Mercury Free



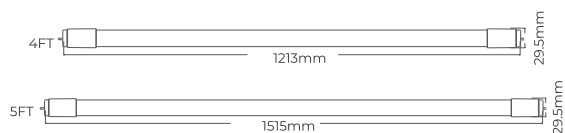
PC LED TUBES

Part Number:	Voltage	Wattage	Luminous Flux	Material	Base	Product Size:
T8-600-9W-FE	100 - 240V	9W	900LM	Plastic	G13	0.29x58.7cm
T8-1200-18W-FE	100 - 240V	18W	1800LM	Plastic	G13	0.29x121.3cm
T8-1500-22W-FE	100 - 240V	22W	2300LM	Plastic	G13	0.29x151.5cm
PC TUBES WIRED ON 2 SIDES						
4FT-TUBE-LED-LN	100 - 240V	18W	1800LM	Plastic	G13	0.29x121.3cm
5FT-TUBE-LED-LN	100 - 240V	24W	2400LM	Plastic	G13	0.29x151.5cm



PC Cover fitted with Aluminum Casing
120° Beam Angle
> 25 000 Working Hours
6500k Colour Temperature
Mercury Free

T8 LED Tubes fitted
with battery backup

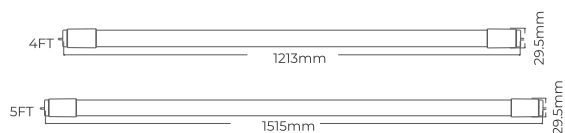


EMERGENCY BACKUP LED TUBE

Part Number:	Voltage	Wattage	Luminous Flux	Material	Base	Product Size:
T8-1200-E18	180 - 240V	18W	1800LM	Alum & PC	G13	0.29x121.3cm
T8-1500-E18	180 - 240V	22W	2300LM	Alum & PC	G13	0.29x151.5cm



360° Beam Angle
> 15 000 Working Hours
4000k Colour Temperature
CE, RoHS Approved



FLUORESCENT TUBE LIGHT

Part Number:	Voltage	Wattage	Luminous Flux	Material	Base	Product Size:
4FT-TUBE-FL-36W	100 - 230V	36W	2400LM	Glass	G13	0.29x121.3cm
5FT-TUBE-FL-58W	100 - 230V	58W	3860LM	Glass	G13	0.29x151.5cm



LEK016-350

Voltage: 220-240AC
Output Wattage LED: 3-5W
Battery Lithium: 3.7V 2600mAh
Charge time: 24Hrs
Discharge time: 120 minutes
Operating Temp: -10~50°C
IP Grade: IP20
Emergency brightness efficiency: 90-95%
Work mode: Non-maintenance
Protection: Over-charge/over-discharge

Emergency
Backup
LED Driver



LED-EMERGENCY

Input Voltage: 220-240AC
Frequency: 50/60Hz
Output Voltage: 220V
Output Power: 24W
Battery: Ni-Mh 11.1V
Charge time: 24Hrs
Lamp: 24W LED Tube

Emergency
Backup
LED Kit



LEK03-6NC

Input Voltage: 220-240AC
Wattage: LED 2x3W
Lumen: 150LM
Battery: Ni-Cd 3.6V 2000mAh
Charge time: 24Hrs
Discharge time: 180 minutes
IP Grade: IP20
Emergency brightness efficiency: 90-95%
Work mode: Non-maintenance
Test button: Yes
Protection: Over-charge / over-discharge
Self testing: Yes

Emergency
LED Light



LEK02-3NC

Input Voltage: 220-240AC
Wattage: LED 3W
Lumens: 150LM
Battery: Ni-Cd 3.6V 2000mAh
Charge time: 24Hrs
Discharge time: 180 minutes
IP Grade: IP20
Emergency brightness efficiency: 90-95%
Work mode: Non-maintenance
Test button: Yes
Protection: Over-charge / over-discharge
Self test: Yes

Emergency
LED Light



LM-CLG93E045Y01

Voltage: 110 - 277V
Wattage: 45W
Luminous Flux: 5850lm
LED Qty: 135
Base: E27
PF: 0.95
Product Size: 9.3x25.0cm

Clear Plastic Cover
IP 64 Rating
Epistar LED's
360° Beam Angle
> 50 000 working Hours
6000k Colour Temp



LM-CLG93E054E40

Voltage: 110 - 277V
Wattage: 54W
Luminous Flux: 7020lm
LED Qty: 162
Base: E40
PF: 0.95
Product Size: 11.8x32.0cm

Clear Plastic Cover
IP 64 Rating
Epistar LED's
360° Beam Angle
> 50 000 working Hours
6000k Colour Temp



LM-CLG93E060E27

Voltage: 110 - 277V
Wattage: 60W
Luminous Flux: 10400lm
LED Qty: 180
Base: E27
PF: 0.95
Product Size: 11.8x34.0cm

Clear Plastic Cover
IP 64 Rating
Epistar LED's
360° Beam Angle
> 50 000 working Hours
6000k Colour Temp



LM-CLG93E060E40

Voltage: 110 - 277V
Wattage: 60W
Luminous Flux: 7100lm
LED Qty: 180
Base: E40
PF: 0.95
Product Size: 11.8x34.0cm

Clear Plastic Cover
IP 64 Rating
Epistar LED's
360° Beam Angle
> 50 000 working Hours
6000k Colour Temp



LM-CLG120E080Y0

Voltage: 110 - 277V
Wattage: 80W
Luminous Flux: 10400lm
LED Qty: 240
Base: E40
PF: 0.95
Product Size: 11.8x34.0cm

Clear Plastic Cover
IP 64 Rating
Epistar LED's
360° Beam Angle
> 50 000 working Hours
6000k Colour Temp



LM-CLG120E120Y0

Voltage: 110 - 277V
Wattage: 120W
Luminous Flux: 15600lm
LED Qty: 336
Base: E40
PF: 0.95
Product Size: 11.8x32.0cm

Clear Plastic Cover
IP 64 Rating
Epistar LED's
360° Beam Angle
> 50 000 working Hours
6000k Colour Temp



LSCB-60WXY

Voltage: 110 - 277V
Wattage: 60W
Luminous Flux: 7800lm
Base: E40
PF: 0.95
Product Size: 10.5x25.5cm

IP 22 Rating
Epistar LED's
360° Beam Angle
> 50 000 working Hours
6000k Colour Temp
Built-in Cooling Fan



E27-GTQ-12W

Voltage: 85 - 265V
Wattage: 12W
Luminous Flux: 920lm
Material: Alum & Plastic
Base: E27 & B22
Product Size: 3x9cm



B22-GTQ-12W

Cost Effective
A+ Rated Energy Saving
360° Beam Angle
6500k Colour Temp
> 50 000 Hours
Working Life



E27-E40

E27 to E40 Lamp Adapter



LHA-01

E27-B22 Lamp Adaptor



LHA-02

B22-E27 Lamp Adaptor



Replace 200W
Induction Lamp

SH-CM5-80W

Voltage: 100 - 277V
Wattage: 80W
Lumens: 10400lm
Material: Aluminum
RA: 70
PF: 0.9
Product Size:
51.5x6.5cm

Replaces Induction Lamps
120° Beam Angle
> 50 000 Working Hours
6000k Colour Temp.



**HOT
PRODUCT**



Fits into
Industrial Bulkhead

SH-CM2-60W

Voltage: 100 - 265V
Wattage: 60W
Lumens: 4800lm
Material: Aluminum
RA: 70
PF: 0.9
Product Size:
25.5x23.6x2.5cm

IP 55 Rating
Fits into Industrial Bulkhead
120° Beam Angle
> 50 000 working Hours
6000k Colour Temp



Fits into Industrial Bulkhead
& E40 High Bay Light



SH-CI45-60W

Voltage: 100 - 265V
Wattage: 60W
Lumens: 7200lm
Material: Aluminum
RA: 70
PF: 0.9

Replaces HPS,
MH & Mercury Vapour Bulbs
IP 55 Rating
120° Beam Angle
> 50 000 working Hours
6000k Colour Temperature
E40 Adaptor Included
Canopy Plate Included



FA-150W-J

Empty Bulkhead (HPS/MH)
Complete with
Glass Diffuser
Without Lamp
Product Size:
40x30x20

Borosilicate Glass Diffuser
Heavy Duty
Die-cast Aluminum casing
IP 65 Waterproof Rated



FA-250MHJ-EMPTY (LED)

Voltage: 220 - 240V
Wattage: 60W
Product Size:
40x30x20

**Complete with
60W LED Retrofit**

Borosilicate Glass Diffuser
Heavy Duty
Die-cast Aluminum casing
IP 65 Waterproof Rated



Low Power Explosion
Proof LED Lights

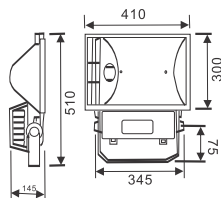
Explosion Proof Led
Lamp For Power Plant

YXL172

Voltage: 220 - 240V
Wattage: 60W
Lumens: 6600lm
Material: Aluminum & Glass
IP Rating: IP67
Product Size:
29.4X22.1cm

High Grade Aluminum
Ideal for Industrial Lighting
180° Beam Angle
360° Light Distribution
> 50 000 working Hours
6000k Colour Temperature

**5 YEARS
WARRANTY**



FL-400W-E40

Voltage: 220 - 240V
Wattage: 400W
Base: E40
Material: Aluminum
IP Rating: 65
Product Size:
51x41x14.5

Multi Convex Reflector
E40 Base
120° Beam Angle
Heavy Duty Die-cast Aluminum
IP 65 Waterproof Rating



Clear Finish
HPS 2300k Colour Temperature
MH 3000k Colour Temperature
360° Beam Angle
> 30 000 Working Hours

HIGH PRESS. SODIUM & METAL HALIDE LAMPS

Part Number:	Voltage	Wattage	Luminous Flux	Finish	Base	Product Size:
HPS-150W-E40	220-240V	150W	16500lm	Clear	E40	4.8x21.1cm
HPS-350W-E40	220-240V	350W	38500lm	Clear	E40	4.6x28.3cm
HPS-400W-E40	220-240V	400W	44000lm	Clear	E40	4.8x28.3cm
HPS-1000W-E40	220-240V	1000W	110000lm	Clear	E40	6.7x38cm
MH-400W-E40	220-240V	400W	41000lm	Clear	E40	4.6x28.5cm



Coated Finish
HPS & MV 2300k
Colour Temperature
360° Beam Angle
> 30 000 Hours Working Life

HIGH PRESS. SODIUM & MERCURY VAPOUR LAMPS

Part Number:	Voltage	Wattage	Luminous Flux	Type	Base	Make
HQL-125W	220-240V	125W	7000lm	MV	E40	Osram
HQL-250W	220-240V	250W	14000lm	MV	E40	Osram
HQL-400W	220-240V	400W	24000lm	MV	E40	Osram
NAV-E-70W-I	220-240V	70W	5800lm	HPS - Elliptical	E40	Osram
NAV-E-400W	220-240V	400W	56500lm	HPS - Elliptical	E40	Osram





FLAME PROOF VICTOR PLUG

Part Number:
Z100001/116

250A 4 Pin Plug 35mm² - 61A Cable

Z100001/117

250A 4 Pin Plug 50mm² - 61A Cable



Make the safe connection



NON FLAMEPROOF VICTOR

Part Number:
Z7100001/116

250A 4 Pin Plug 35mm² - 61A Cable

Z7100001/117

250A 4 Pin Plug 50mm² - 61A Cable



Make the safe connection



FLAME PROOF VICTOR PLUG

Part Number:
Z100002/116

250A 4 Pin Plug 35mm² - 61A Cable

Z100002/117

250A 4 Pin Plug 50mm² - 61A Cable



Make the safe connection



NON FLAMEPROOF VICTOR

Part Number:
Z100001/116

250A 4 Pin Plug 35mm² - 61A Cable

Z100001/117

250A 4 Pin Plug 50mm² - 61A Cable



Make the safe connection



LCP PLUG

Part Number:

Description

RCP250AL-35 250A - 1100V Aluminum - 35mm²

RCP250AL-50 250A - 1100V Aluminum - 50mm²

RCP250BR-35 250A - 1100V Brass - 35mm²

RCP250BR-50 250A - 1100V Brass - 50mm²

Current: 250A
Voltage: 1100V
Contacts:
3 Phases, 1 Pilot &
4 Earth Points

IP 65 Rated
Max Cable OD: 55mm
Max conductor size: 70mm²

Insulators: PET-P Plastic
Body: Aluminium and brass available



**HOT
PRODUCT**



JOINTMASTER



22MM PILOT LIGHTS

Red, Blue, Amber,
Green & White
22MM Round
LED Pilot Light

Part Number:

AD22-22DSR - (Red)
AD22-22DSB - (Blue)
AD22-22DSY - (Yellow)
AD22-22DSG - (Green)
AD22-22DSW - (White)

Round LED
Pilot Lights
220V



LED PILOT LIGHTS

Red, Amber & Green Cole Hersee
Small Pilot LED Pilot Light Pilot Lights

Part Number:

PL-523-RC - (Red)
PL-523-AC - (Amber)
PL-523-GC - (Green)



JOINT MASTER KITS

Part Number:

538/J0K - Standard Range LV Resin Joint Kit 1.5-2.5mm²
538/J1K - Standard Range LV Resin Joint Kit 4-10mm²
538/J2K - Standard Range LV Resin Joint Kit 10-16mm²
538/J2.5K - Standard Range LV Resin Joint Kit 16-35mm²
538/J3K - Standard Range LV Resin Joint Kit 35-70mm²
538/J4K - Standard Range LV Resin Joint Kit 70-95mm²
538/J5K - Standard Range LV Resin Joint Kit 95-120mm²
538/J6K - Standard Range LV Resin Joint Kit 120-240mm²
538/J7K - Standard Range LV Resin Joint Kit 185-300mm²
JMS2535 - 35mm Joint Master Rubber Joints
JMS2550 - 50mm Joint Master Rubber Joints



16MM PILOT LIGHTS

Red, Blue, Amber,
Green & White
16MM Round
LED Pilot Light

Part Number:

AD22-16AS-R - (Red)
AD22-16AS-B - (Blue)
AD22-16AS-Y - (Yellow)
AD22-16AS-G - (Green)
AD22-16AS-W - (White)

Mini Round
LED Pilot Lights
24V



22MM PILOT LIGHTS

Red, Blue, Amber, Green & White
22MM Round
LED Pilot Light Pilot Lights
12V - 24V DC

Part Number:

ACCMK/EL1 - (Red)
ACCMK/EL2 - (Blue)
ACCMK/EL3 - (Amber)
ACCMK/EL4 - (Green)
ACCMK/EL5 - (White)



GLOBE PILOT LIGHT

Amber, Green, Red & Blue
Globe Pilot Light Round LED
Pilot Lights
12V - 24V DC

Fits Globe: (ELP12.603) - 12V
(ELP24.604) - 24V

Part Number:

EHLPI11465 - (Amber)
EHLPI11467 - (Green)
EHLPI11468 - (Red)
EHLPI11469 - (Blue)



SQ LED PUSH BUTTON

Red & Green
Square Illuminated
Push Button

Part Number:

CB5-FXD-R - (Red 5 Pin)
CB5-FXD-G - (Green 5 Pin)
CB5-11F-R - (Red 3 Pin)
CB5-11F-G - (Green 3 Pin)

3 & 5 Pin
Square LED
Push Button



3-phase bimetal
Continuously re-adjustable current settings
Temperature compensation
Tripping indicator
Test button
Stop button
Manual and automatic reset button
Electrically separated 1N/O & 1N/C contact

MAGNETIC DOL STARTER

Part Number:	Specifications
CQ2-9A	4KW 380V IP65
CQ2-12A	4KW 380V IP65
CQ2-18A	7.5KW 380V IP65



PT16RUB

16A Rubber
3 Point Plug Top



RA310BK

2 x 16A Rubber
Janus Coupler



A0004547

Multiplug
4x16A, 4x5A
8 Way Switch

Surge Protection
0.5m Cord



A0004908

Multiplug
4x16A, 4x5A
8 Way Switch

Surge Protection
5.0m Cord



EXTENSION REELS

Part Number:

Extension
Reels

L0003874 - (50m Reel Empty)
L0003901 - (30m Reel Empty)

L0003874COMP
Reel Complete With 2.5mm Cabtyre 50m
L0003901COMP
Reel Complete With 2.5mm Cabtyre 30m



400V/500V ROUND MALE PLUG

Part Number:

A1108 - 400V, 63A 3P + E,
IP67 Steel

A1113 - 500V, 63A 3P + E,
IP67 Steel



FEMALE PLASTIC NOVA SOCKET

Part Number:

A1109 - 63A, 4 Pin - 380V
A1114 - 63A, 4 Pin - 525V



400V/500V FLAT MALE PLUG

Part Number:

A1218 - 63A 3P
A1230 - 25A



400V/500V FLAT FEMALE SOCKET

Part Number:

A1219 - 63A 3P + E* Steel



CEWE TYPE PLUG

Part Number:

1900 - 63A, 3P+E
1904 - 63A, 3P+N+E



400V/500V FLAT FEMALE SOCKET

Part Number:

A1901 - 63A 3P + E* Steel
A1905 - 63A 3P + N + E* Steel



400V/500V FLAT MALE PLUG

Part Number:

A1240 - 16A Plastic Nova
A1242 - 25A Plastic Nova



400V/500V FLAT FEMALE SOCKET

Part Number:

A1241 - 63A 3P + E* Plastic Nova
A1243 - 25A 3P + N Plastic Nova



400V/500V FLAT SOCKET

Part Number:

A1217 - 63A 4 Pin



PT125CW5000

M10 x 125MM
Pig Tail Bolt

**Full thread also
Available**



BELT ALIGNMENT

Part Number:
CHW93053 - Conveyor Belt
Alignment Switch
(1NO/NC 3A@230VAC)

CHW93058 -
(2NO/NC 3A@230VAC)



CHW53198

Trip Switch
(Single End)

Standard
Conveyor Belt
Switch



CHW93058

Trip Switch
(Double End)

Standard
Conveyor Belt
Switch



WIRE ROPE CLIP

Part Number:
WRC06 - (6MM ¼")
WRC08 - (8MM ⅜")
WRC10 - (10MM ⅜")
WRC13 - (13MM ½")

Wire Rope
Clip



PVC STEEL WIRE ROPE

Part Number:
SWR-6MM-PVC - (6mm) PVC Coated
Steel Wire Rope



STEEL WIRE ROPE

Part Number:
SWR-6MM - (6mm)
SWR-8MM - (8mm)
SWR-10MM - (10mm)

Steel Wire Rope



Industry-grade true-RMS meter
High-degree accuracy: 0.3% to 0.9%
Maximum voltage up to 1,000 volts
Display Hold/Auto Hold function
Smoothing mode
Safety rating: CAT IV 600 V and CAT III 1000 V
Battery life up to 400 hours

FLUKE®



FLUKE-177

Fluke Connect compatible
AC / DC voltage range up to 1,000 volts
Jaw opening of 1.3 inches
True-RMS feature
Blue tooth connectivity
Min / Max / Average feature
IP30 tool / thick wire protected

FLUKE®



FLUKE-376 FC

Insulation test voltage up to 1,000 volts
& 2 Giga ohms.

Combination of insulation tester with
digital multimeter.

Fluke Connect compatible
VFD low-pass filter
Rating: CAT III 1000 V/CAT IV 600 V
Large, 6,000-count display with backlight
IP40 solid object (<1mm) protection

• **Fluke Connect Compatible**

FLUKE®



FLUKE 1587 FC

Detects, monitors voltage, continuity,
and current.

Open Jaw design with 0.5-inch opening.

Measures current up to 100 amperes without
breaking the circuit.

Detachable Slim Reach probe tips
Measures up to 1,000 ohms resistance.

Continuity beeper with <25 ohms
when turned on.

Battery life up to 400 hours

FLUKE®



FLUKE-T6-1000

Designed for professional electricians.
Over 30 pockets in six main storage
compartments.

Rugged, waterproof bottom base protects tools,
keeping the backpack upright for easy access
to tools clips, brackets and straps on the outside
of the Fluke Pack30 for frequently used tools
such as tape rolls, measuring tapes, voltage
detectors stores, organizes and protects test
equipment, hand tools and safety glasses.

Built with durable high-quality polyester
and plastic bottom

FLUKE®



FLUKE PACK30

One pair (red, black) comfort grip
probes with silicone insulated, right-angle
test leads.

Recommended for μ V measurements
CAT II 1000 V, 10 A rating, CCSAUS Rating
EN/IEC 61010-031:2002 +A1:2008

FLUKE®



TL71-1



FLUKE®



Gas Soldering Iron
TP40K



Soldering Wire
ACCSOLDER



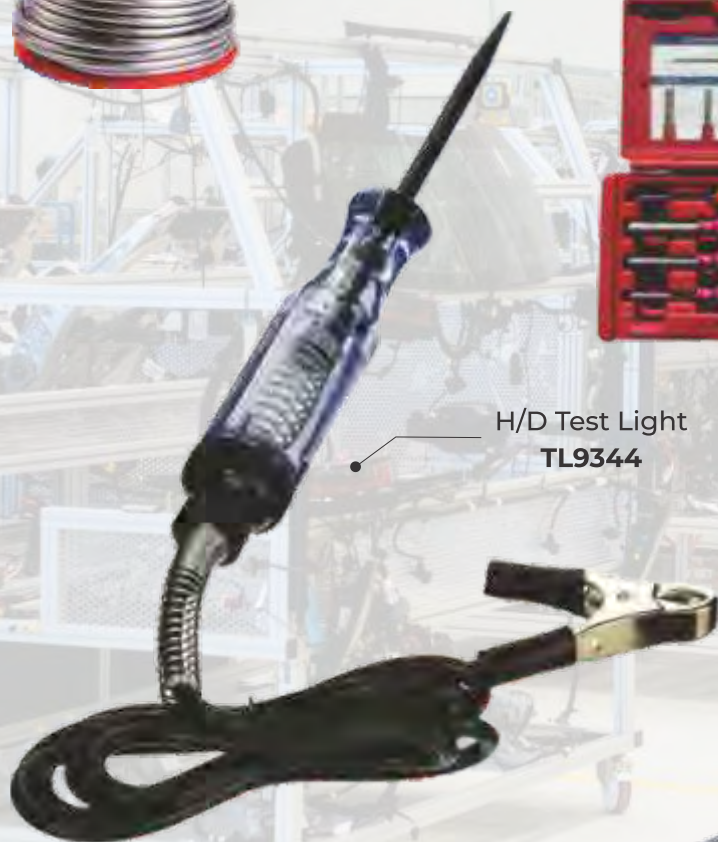
Deutsch Pin Crimper
DT-CRIMPER



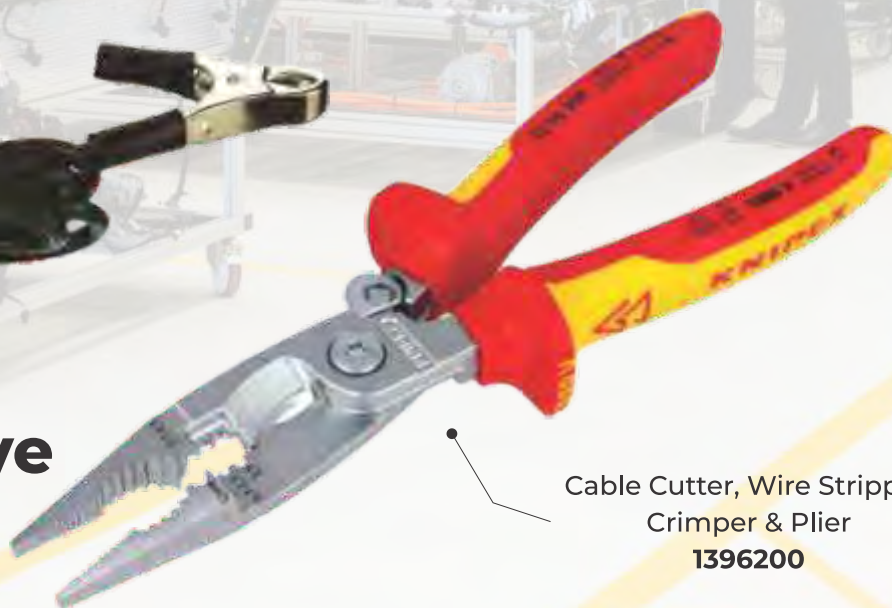
Lobster Crimper
AK15



Deutsch Pin Extractor Kit
0411.204.1605



H/D Test Light
TL9344



Cable Cutter, Wire Stripper,
Crimper & Plier
1396200

Automotive Toolkit



TL9344

Voltage Range: 6V / 12V / 24V DC
Clamp Capacity: 20 AMP
Circuit Tester for 6-24V DC
Systems Long Probe Continuity Tester
Used to Detect Power, Ground and find
Shorts and Breaks in Wires.

Handle Brightly Illuminates if Circuit
is Good, Quickly check automotive
headlights, taillights, turn signal circuits,
faulty sockets, connections, fuses,
broken wires and more.

This circuit tester will save you time
and speed up the job, perfect for
automotive use.



BMP21-PLUS

This handheld label printer creates multi-line
labels for clear identification of wires, panels,
circuit boards and other industrial items.

On-board keyboard contains letters A to Z and
numbers 0 to 9, and backlit LCD graphics display
for easier labeling even in low-lit areas.

Prints in 6 different text sizes ranging from 6
point to 40 point in a single color.

Compatible with Brady BMP21 Series printer
continuous tape cartridges to enable printing of
various styles and widths.

Drop-tested and reinforced with molded-rubber
impact bumpers for durability in the most
demanding work environments.



3301271

6 Piece Screw
Driver Set

Gedore Red



WER17346

6 Piece Screw
Driver Set

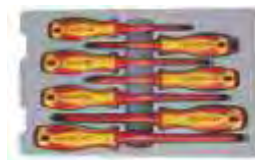
Wera Classic
Range
Black Point



30206MR

6 Piece Screw
Driver Set

King Tony



30617MR

7 Piece Screw
Driver Set

King Tony
Insulated
Screw Drivers



ECOSSET

7 Piece Screw
Driver Set

HellermannTyton
Insulated
Screw Drivers



SWSET

7 Pieces.
Socket Wrench
Set

HellermannTyton



ALLEN KEY SET

Part Number :
20107SR - (7 Piece)
20109SR - (9 Piece)
King Tony
7 or 9 Piece
Allen Key Ball Type



GRO0227

7 Piece
Allen Key Metric
2.5mm - 10mm

Groz
Allen Key Set



COMBINATION PLIERS

Part Number:
6111-07 - 180mm
6111-08 - 213mm

King Tony



COMBINATION PLIERS

Part Number:
3301124 - 180mm
3301125 - 200mm

Gedore



CRE0040

Combination Pliers
200mm

Crescent



LONG NOSE PLIER

Part Number:
6311-06 - 150mm
6311-08 - 213mm

King Tony





3301133

Long Nose Plier
200mm

Gedore

GEDORE



CRE0225

Long Nose Plier
180mm

Crescent

CRESCENT



3301155

Plier Set
3 Pieces
Combination Plier - 180mm
Side Cutter - 160mm
Telephone Pliers, Straight - 200mm

Gedore
Pliers Set

GEDORE



42104GP

4 Piece
Pliers Set

King Tony

KING TONY



DIAGONAL CUTTER

Part Number:
CRE0050 - 180mm
CRE0060 - 200mm

Crescent

CRESCENT

**HOT
PRODUCT**



1396200

6 functions in one pair of pliers

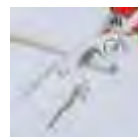
Multi functional pliers for the electrical installation; to grip flat and round material, for bending, deburring, cutting cable, stripping and crimping wire ferrules.

Stripping holes for conductors of 0.75 - 1.5 mm² and 2.5 mm²
Crimping die for wire ferrules 0.5 - 2.5 mm²
Cable shears with (induction-hardened) precision cutting edges for copper and aluminium cables up to 5 x 2.5 mm² / Ø 15 mm

Knipex Multi Function Plier
Long nose, normal pliers
cable cutter, lux crimper
& wire stripper in one

1000V Rated

KNIPEX



3301128

Diagonal Cutter
200mm

Gedore

GEDORE



42114GP

4 Piece
Circlip Pliers Set

King Tony

KING TONY



HS2004

Light Duty
Multi Purpose
Crimper

HellermannTyton
0.75-6mm

HellermannTyton

CRESCENT

GEDORE

KING TONY

HellermannTyton

KNIPEX



HS-600MM

Cable Cutter

EDG Tools
600mm



CC500

Cable Cutter

HellermannTyton
500mm

HellermannTyton



K05B

Hex Crimper

HellermannTyton
6-50mm²

HellermannTyton



HT06120

Hex Crimper

HellermannTyton
6 - 120mm²

HellermannTyton



VSR-16D

Ratchet Lobster
Crimper

EDG Tools
2.5-16mm



AK15

Lobster Crimper

HellermannTyton
1.25-8mm²

HellermannTyton



HX-26B

Non Insulated Crimper

EDG Tools
6-25mm²



HS-101

Non Insulated Crimper

EDG Tools
1.5-10mm



HS-16

Non Insulated Crimper

EDG Tools
1.25-16mm²



HS-30J

Insulated Crimper

EDG Tools
0.5-6mm²



HS-38A

Non Insulated Crimper

EDG Tools
6-38mm²



DT-CRIMPER

Deutsch Terminal
Crimper

EDG Tools
Closed Barrel Crimper
22-20AWG



YAC 9

Bootlace Ferrule
Crimper

HellermannTyton
0.8-5mm²

HellermannTyton



7921-12

Adjustable
Hacksaw

King Tony
300mm

KING TONY



42114GP

Part Number:

ECP6052 - (TPI -18)x100p/p
ECP6055 - (TPI -24)x100p/p
ECP6058 - (TPI -32)x100p/p
ECP6068 - (TPI -18)x2p/p
ECP6070 - (TPI -24)x2p/p
ECP6072 - (TPI -32)x2p/p

Eclipse
Hacksaw
Blades

ECLIPSE
PROFESSIONAL TOOLS



STA3081

Instant Front Load
Retractable

Stanley
Trimming Knife

STANLEY



STA3100

Trimming Knife

Stanley
Quick Slide

STANLEY



BLADES

Part Number:
STA2385 - 5 Pack
STA2340 - 10 Pack
STA2310 - 100 Pack

Stanley
Trimming Knife
Blades

HellermannTyton



WEL0300

Soldering Station
Temperature Controlled

Weller
40W

Weller



SOLDERING RESIN

Part Number:
NSO0025 - 2.0mm/250g
ACCSOLDER - 2.0mm/500g
NSO0033 - 0.71mm/500g
NSO0034 - 0.9mm/500g
NSO0035 - 1.25mm/500g
NSO0037 - 1.6mm/500g

Soldering
Resin Core

NASCO



TP200K

Gas Soldering
Kit

HellermannTyton

HellermannTyton



GED601187

8 Piece
10, 12, 13, 14, 17,
19, 22, 24

Gedore
Spanner Set

GEDORE



GED601217

12 Piece
10, 11, 12, 13, 14, 17, 19,
22, 24, 27, 30, 32

Gedore
Spanner Set

GEDORE



GED601160

6 Piece
10, 11, 13, 14, 17, 19

Gedore
Spanner Set

GEDORE



GED3300059

12 Piece
8, 10, 12, 13, 15, 17, 18, 19

Gedore
Ratchet Spanner
Set

GEDORE



GED616524

Socket Set
8, 9, 10 - 32mm

Gedore

GEDORE



GED617415

10 Piece
5, 6, 7, 8, 9, 10, 12,
14, 17, 19 mm

Gedore
Socket Set
Allen Key Drives

GEDORE



3300027

10 Piece
5, 6, 7, 8, 9, 10,
12, 14, 17, 19 mm

Gedore
Socket Set
Allen Key Drives

GEDORE



3300028

7 Piece
TX, E10, E11, E12, E14,
E16, E18, E20

Gedore
Socket Only Set

GEDORE



ELECKT

16 Piece
Quality tools with
lifetime warranty

General Purpose

HellermannTyton



PROKT

16 Piece
Quality tools with
lifetime warranty

General Purpose

HellermannTyton



ELBKB

20 Piece

Conforms to safety standards
Quality tools with lifetime warranty
Weight: 6kg
Max weight capacity 12kg

HellermannTyton



TOOLBAGBP

Empty Toolbag

Durable, Rugged build
for hard working men.

HellermannTyton



ISOLATOR LOCK OUT

Part Number: Isolator Lockout
AES-1411-535R - (RED)

Yellow Isolators Manufactured only on bulk orders



38MM PADLOCKS

Part Number: 38mm Lockout Padlocks
OSHA-PL01D - (RED)
OSHA-PL02D - (YELLOW)
OSHA-PL03D - (BLACK)
OSHA-PL04D - (BLUE)
OSHA-PL05D - (GREEN)
OSHA-PL06D - (GREY)



76MM PADLOCKS

Part Number: 76mm Lockout Padlocks
OSHA-PL21D - (RED)
OSHA-PL22D - (YELLOW)
OSHA-PL23D - (BLACK)
OSHA-PL24D - (BLUE)
OSHA-PL25D - (GREEN)
OSHA-PL26D - (GREY)



ALUMINUM PADLOCKS

Part Number: Aluminum Colour Coded Padlocks Key Different
OSHA-BD-A20B (BLUE)
OSHA-BD-A20Y (YELLOW)
OSHA-BD-A20R (RED)
OSHA-BD-A20BLK (BLACK)



OSHA-T02

Lockout Tag
Width: 75mm
Height: 146mm
Thickness: 0.5mm
Material: PVC



OSHA-H02

6 Lockout Hasp
Hole Diameter: 10.5mm
Lock Shackle: 38mm



OSHA-K61

8 Lockout Hasp Double End
Hole Diameter: 10.5mm
Lockout Shackle: 38mm



OSHA-K51

6 Lockout Hasp
Hole Diameter: 8.5mm
Lock Shackle: 55mm X 38mm



OSHA-K53

6 Lockout Hasp
Hole Diameter: 8.5mm
Lock Shackle: 36mm



OSHA-BD-B104

Kit Contains: 32 Piece
10 x OSHA-PL01D Lockout Station
20 x OSHA-T02 TAGS
2 x OSHA-H02 HASPS



OSHA-BD-B102

Empty Lockout Station



OSHA-BD-X09A-CO

Kit Contains: 62 Piece
20 x OSHA-PL01D Lockout Station
40 x OSHA-T02 TAGS
2 x OSHA-H02 HASPS



OSHA-BD-X09A

Empty Lockout Station



PLUG LOCKOUT

Part Number: Electrical Plug
OSHA-BD41 - (51x51x89mm) Lockout Cover
OSHA-BD42 - (65x65x118mm)
OSHA-BD43 - (83x83x179mm)



OSHA-BD-X02

High temperature steel. Portable Steel Safety Lockout Kit
Accommodate 12 padlocks.
Accommodate several tag outs, hasps, mini lockouts.



OSHA-BD-X03

Red Group Lock Box - Group Lock Box
Portable or Wall Mount
Storage device captures keys
Powder-coated red finish
Stainless steel handle
Storage organizes up to 12 keys
Wall mount or portable
Up to 14 workers can apply their personal safety padlock or lockout hasp



FST001P

Length: 200mm
Width: 174mm
Height: 147mm
Weight: 0.9kg
Load Capacity: 5 Tons

Pu Wheel Chokes
5 Tons



FST002P

Length: 215mm
Width: 176mm
Height: 155mm
Weight: 1.2kg
Load Capacity: 10 Tons

Pu Wheel Chokes
10 Tons



FST008P

Length: 332mm
Width: 215mm
Height: 193mm
Weight: 3.5kg
Load Capacity: 40 Tons

Pu Wheel Chokes
40 Tons



FST009P

Length: 380mm
Width: 300mm
Height: 275mm
Weight: 6.0kg
Load Capacity: 60 Tons

Pu Wheel Chokes
60 Tons



FST010P

Length: 440mm
Width: 370mm
Height: 370mm
Weight: 9.0kg
Load Capacity: 120 Tons

Pu Wheel Chokes
120 Tons



FST012P

Length: 550mm
Width: 373mm
Height: 270mm
Weight: 15kg
Load Capacity: 250 Tons

Pu Wheel Chokes
250 Tons



BUGGY WHIP

Buggy Whip with Amber LED
Rugged Construction

Part Number:
HY89R-1.8M - (1800mm)
HY89R-2.4M - (2400mm)



QP8903

Metal Base
Buggy Whip Base



WS1205-1

Red Warning Triangle

Triangle



SMOOTH REFL.

Smooth
Reflective Tape

Reflective Tape
50mm x 50m

Part Number:
REFL-RED-R - (Smooth Red)
REFL-GREEN-R - (Smooth Green)
REFL-AMBER-R - (Smooth Amber)



HONEYCOMB REFL.

Honeycomb
Reflective Tape

Reflective Tape
50mm x 50m

Part Number:
REFL-HC-RED-R - (Honeycomb Red)
REFL-HC-GREEN-R - (Honeycomb Green)
REFL-HC-AMBER-R - (Honeycomb Amber)
REFL-HC-WHITE-R - (Honeycomb White)





QUICK COUPLERS

Part Numbers:
TTAC 80 - Low Pressure
TTAC 81 - High Pressure



TTAC-VMG-2-R134

Air Conditioning
Regas Valve Kit

A/C Valve Kit



TTAC-DY-007

Air Conditioning
Leak Detection UV Light

A/C UV Light



ORK01

Air Conditioning
O Ring Kit

A/C O Ring Kit



A/C HOSE FERRULES

Part Numbers:
#6 - TTAC03
#8 - TTAC04
#10 - TTAC05
#12 - TTAC06

A/C Hose Ferrules



A/C HOSE

Part Numbers:
#6 - TTAC/1
#8 - TTAC/2
#10 - TTAC/3
#12 - TTAC/4



A/C HOSE FITTINGS

Various A/C Hose fittings
available on request.



TTAC-DY-010

Hydraulic Air Conditioning
Crimping Kit

A/C Hydr.
Crimper Kit



TTAC-DY-005

Air Conditioning
Brilliant Yellow Dye

A/C Dye



TTAC-134A

Air Conditioning
Refill Gas

R134A
A/C GAS



TTAC-FL-005A

Air conditioning
Flushing Liquid

1L A/C
Flush Liquid



FRI-241-174

PAG 100 Oil

1 Litre



TTAC-ES-50A

Electronic A/C
Digital Scale

Digital Scale



TTAD-018

A/C Vacuum Pump



TTIN-34-374

A/C UV Dye & Oil
Injector



A/C PUMPS

Various A/C
Compressor Pumps
Available

12 & 24V

Truck Aircon Split Unit

Coolpro 2800S Truck Cab Aircon

Model:	CoolPro2800S
Voltage:	DC24V
Installation:	Split Roof Mounted
Cooling Capacity:	2800W
Compressor:	Rotary Screw Compressor (24V 850W)
Refrigerant Oil Type:	90-120ml POE68
Rated Current DC Inverter:	8/40A
Evaporator Air Volume:	200-560m³/h
Condenser Air Volume:	600m³/h
Refrigerant:	R134a 580g ~ 620g
Condenser Size:	840*510*190mm
Evaporator Size:	460*160*320mm

The CoolPro2800S is the most updated and advanced fleet cab air conditioners. It is a rooftop split mounted aircon that solve many difficult cooling problems and give the best cooling solutions for operators.

The split unit makes installation very easy as there is no need to cut a hole in the roof.

The split unit contains off an condensor, evaporator, remote and installation wiring.



**HOT
PRODUCT**

Truck Roof Mounted Aircon

CoolAir RTX 1000 Truck Cab Aircon

Model:	CoolAir RTX 1000
Voltage:	DC24V
Installation:	Roof Mounted
Cooling Capacity:	1200W
Unit Dimensions:	Depth 645mm Height 308mm Width 860mm

Self-contained and battery operated truck roof parking cooler with up to 12h running time.

Highly efficient : only 8A consumption in Eco mode.

Can be installed in existing roof hatch and with a maximum tilt of 8°

A CALCULATION THAT WORKS OUT FINE FOR FLEET OWNERS

A familiar picture in parking areas: machine operators leaving the engine running for hours to use the aircon or to recharge the batteries during their resting periods.

This is bad for the environment, tons of fuel are wasted and fleet owners pay dearly for it, plus it wears down the engine faster.

A Parking Aircon unit keeps operating cost down and is easy to install.

This aircon unit is a maintenance free unit and will so reduce maintenance cost and standing time on the machines.



**HOT
PRODUCT**

ENGINE REPLACEMENT HARNESS MANUFACTURING



**O.E. HARNESS MANUFACTURING
ON CATERPILLAR, VOLVO & KOMATSU**

DESCRIPTION

C6.4 ENGINE HARNESS
C6.6 ENGINE HARNESS
C9 INJECTOR HARNESS
C15/C18 ENGINE HARNESS REV 1
C15/C18 ENGINE HARNESS REV4
C15/C18 INJECTOR HARNESS REV 2
C15/C18 INJECTOR HARNESS REV 1
C15/C18 ENGINE FUEL HARNESS
C15/C18 ENGINE FUEL HARNESS
C7 INJECTOR HARNESS

OEM P/N:

296-4617
260-5542
419-0841
239-5929
239-5929
234-5002
307-1610
276-3091
227-3812
153-8920



KOMATSU



BALTCOR's OEM Replacement Harnesses are manufactured using quality components. Wire, connectors and braiding are to OEM specification and all harnesses are manufactured to ISO Standards.

RAPID LEAD TIMES

Swift manufacturing of database harnesses to reduce equipment downtime.

MANUFACTURES

SA manufacturing and ensuring stock availability.

OEM SPECIFICATION

Wire, connectors and braiding are to OEM specifications.

COST SAVING

BALTCOR's Replacement Harnesses offers up to 30% cost saving to end users.





Kubota®

D902

Model	D902-E2 / E3 / E4
Type	Water Cooled - Diesel
Cylinders	3
Bore & Stroke	72 x 73.6mm
Displacement	0.898 L
Aspiration	N/A
Rated Power	18.5kW 24.8HP / 3600rpm
Max. Torque	56.1Nm / 2600rpm
Fuel System	Inline fuel pump
EGR	None
L x W x H	434 x 401 x 544mm
Dry Weight	72kg

World's smallest, multi-cylinder, high-power density diesel engine.

Kubota's E-TVCS technology improves power output, fuel economy and engine start-up, while reducing emissions.

Great reliability and long service life to meet a wide range of applications.

Half-float valve cover and coated pistons reduce noise levels and reduce transmitted vibration from valve area for better noise characteristics.

Super glow system for shortened pre-heat time and quicker engine starting in cold weather.

* Service Parts Available



YANMAR

L100N

Model	L100N
Type	Air Cooled - Diesel
Cylinders	1
Bore & Stroke	86 Dia. x 75mm
Displacement	0.435 L
Aspiration	N/A
Rated Power	7.4kW / 10HP
Engine Speed	3000 - 3600rpm
EGR	None
L x W x H	412 x 471 x 494mm
Dry Weight	53.5kg

Vertical cylinder, 4-cycle, air-cooled diesel engine.

Compact, Direct injection Engine

Easy installation & Low Fuel Consumption.

Low Vibration and Low Noise.

A little engine built to stand up to hard work.

Fast, effortless starts from a one-pull recoil starter.

SERVICES

We deliver a fully flexible, client centric service to all our clients.

For us, it's about constantly seeking better ways in which to meet the needs of our clients, and finding better solutions to address their logistical challenges.

AUTO-ELECTRICAL AFTER-SALES SUPPORT

Our electrical department supplies electrical spares for both heavy duty and light duty vehicles.

We are proud to supply only the very best brands on the market, and offer superb after-sales support to back our brands.

HARNESS MANUFACTURING

Harness manufacturing includes new and refurbishment to OEM standards.

We also build dash enclosures and circuit protection panels.

We custom design and build aftermarket wiring kits for all trackless mining machines.

We use only the best quality auto wire, sleeving and connection plugs available

PANEL MANUFACTURING

We manufacture new instrument panels and harness to the OEM specification with approval from our customers.

We also refurbish damaged panels and harnesses by using what is still in working condition and only replacing damaged parts.

We work closely with international instrument companies and electrical engineers to stay ahead in the panel building industry.

We can rebuild analog switchgear machines and remotes to digital (computerizing) technology or/and wireless remotes to decrease standing time on your machines.





Jay Jay Joubert

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W: www.umes.co.za

A: 12 Fulmar St, Elspark, Germiston

Contact  