



YOUR ELECTRICAL EXPERTS

Schools & Colleges

F4P

ADDVENT

HEATSTORE

Levanté

FUSION
Lamps and Luminaire

MCG
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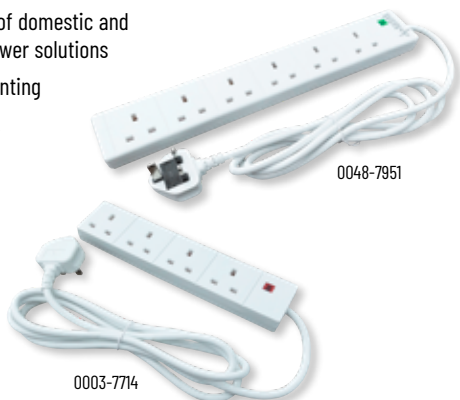
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CABLE REELS & EXTENSIONS

F4P Extension Leads Range

- Suitable for a variety of domestic and commercial indoor power solutions
- Keyholes for wall mounting
- Conforms to BS1363/A
- Non-rewireable
- Neon indicator
- 2m cable and plug



F4P

F4P Ref	Code	Description
413TSL	0003-7714	13A 2m 4 Gang Extension Lead with Neon White
4EXTSP	0048-7948	13A 2m 4 Gang Surge Protected Extension Lead with Neon White
613TSL	0003-8107	13A 2m 6 Gang Extension Lead with Neon White
6EXTSP	0048-7951	13A 2m 6 Gang Surge Protected Extension Lead with Neon White

F4P 10A 10m 230V 4 Gang Cassette Cable Reel

- Suitable for a variety of domestic and commercial power solutions
- Thermal cut-out gives extra protection
- Sockets: 4 x 10A 230V
- Max current fully wound: 3A [720W]
- Max current fully unwound: 10A [2400W]
- Cable: H05VV-F 3 x 1.0mm²



F4P

F4P Ref	Code	Description
CR10104TC	2211-4477	10A 10m 230V 4 Gang Cassette Cable Reel

F4P 13A 25m 230V 4 Gang Cable Reel

- Suitable for a variety of domestic and commercial power solutions
- Thermal cut-out gives extra protection
- Sockets: 4 x 13A 230V
- Max current fully wound: 5A [1200W]
- Max current fully unwound: 13A [3120W]
- Cable: A05VV-F 3 x 1.25mm²



F4P

F4P Ref	Code	Description
CRHB25134TC	2211-4483	13A 25m 230V 4 Gang Cable Reel

F4P 13A 50m 230V 4 Gang Cable Reel

- Suitable for a variety of domestic and commercial power solutions
- Thermal cut-out gives extra protection
- Sockets: 4 x 13A 230V
- Max current fully wound: 5A [1200W]
- Max current fully unwound: 13A [3120W]
- Cable: A05VV-F 3 x 1.25mm²



F4P

F4P Ref	Code	Description
CR50134TC	2211-4480	13A 50m 230V 4 Gang Cable Reel

FLYKILLERS

F4P Flykiller Range

- Three Mounting Options: Wall mount, suspended, table top
- Large killing grid
- Specially designed boards for maximum attraction
- Treated aluminium alloy
- Large collection tray
- Includes UV fluorescent lamps
- Replacement lamps, see page 8

F4P Ref	Code	Description
F4PFK16	2811-1642	16W Fly Killer 50m ² Coverage
F4PFK30	2811-1645	30W Fly Killer 100m ² Coverage
F4PFK40	2811-1648	40W Fly Killer 150m ² Coverage



2811-1642



2811-1648

F4P



Check local branches & online for latest pricing

FLYKILLERS

F4P 12W LED Fly Killer 150m² Coverage

- Maximum coverage approximate 150m²
- Light weight plastic body
- Counter top or suspended mounting options
- 4000V large killing grid
- Large collection tray
- Complete with 2 x UV-A LED lamps
- LED dual wavelength 365nm 395nm for better attraction rate
- Complete with 1m cable and plug



F4P Ref	Code	Description
F4PFK14LED	2811-1639	12W LED Fly Killer 150m ² Coverage

GLOVES

Tough Glove Boa Pro Gloves Range

- Boa Pro automotive / industrial mechanics glove
- 2.5 x Thicker than other gloves
- 4mm Palm thickness
- Powder free
- Smart touch technology device use
- Reduced hand fatigue and sweat



TG
TOUGH GLOVE

F4P Ref	Code	Description
BOAPROM100	2898-0523	Tough Glove Boa Pro Gloves M
BOAPROL100	2898-0520	Tough Glove Boa Pro Gloves L
BOAPROXL100	2898-0526	Tough Glove Boa Pro Gloves XL

Tough Glove Gator Gripz Gloves Range

- 6 x Thicker than other disposable gloves
- 12mm thickness at finger, 10mm at palm
- Safe from punctures
- Chemical resistant to the highest level
- Diamond texture technology means you still have grip working with grease and water
- Smart touch technology device use
- Made using high quality nitrile



TG
TOUGH GLOVE

F4P Ref	Code	Description
GATORGRIPZBM50	2898-0532	Tough Glove Gator Gripz Black M
GATORGRIPZBL50	2898-0529	Tough Glove Gator Gripz Black L
GATORGRIPZBXL50	2898-0538	Tough Glove Gator Gripz Black XL

HYGIENE WIPES

Big Wipes Heavy Duty Pro+ Wipes Tub of 100

- Heavy-duty textured 'scrub and clean' fabric grabs and removes even the toughest ground-in dirt and grime for the fastest and most effective clean ever
- 4 x Power cleansers to remove paint, adhesives, oil and grease, sealants, PU foam, silicone, gap fill and more
- 4 x Skin conditioners to help protect, nourish and moisturise hands
- Antibacterial [EN 1276] protection, kills 99.9% bacteria including Weil's disease
- Dermatologically tested with no parabens or artificial preservatives
- New sports active fragrance



F4P Ref	Code	Description
BIW+ (NEW)	2820-8668	Heavy Duty Pro+ Wipes Tub of 100



HYGIENE WIPES

Big Wipes Multi-Surface Bio Pro+ Wipes Tub of 80

- Made from plant extracts from FSC approved forests which makes the multi-surface fabric highly absorbent and biodegradable
- 4 x Power cleansers to remove paint, adhesives, oil and grease, sealants, PU foam, silicone, gap fill and more
- 4 x Skin conditioners to help protect, nourish and moisturise hands
- Antibacterial [EN 1276] protection, kills 99.9% bacteria including Weil's disease
- Dermatologically tested with no parabens or artificial preservatives



F4P Ref	Code	Description
BIWBG	1777-5757	Multi-Surface Bio Pro+ Wipes Tub of 80



BIG WIPES

UltraGrime Cleaning Wipes Range

- Super strong and soft cloth like fabric
- Stays wet and useable for over an hour
- Don't dry out when lid is left open for days
- Dispenses one wipe at a time
- 3-in-1 action for efficient cleaning [lifts, cleans and protects]
- Safe for use on all surfaces
- Dermatologically tested - safe & kind to hands



2325-8959



2731-0888



2692-2457



2820-6715



2731-0885



F4P Ref	Code	Description
5900	2325-8959	Pro XXL+ Multipurpose Cleaning Wipes (Pack of 100)
5910	2824-1893	Pro Xtreme Cleaning Wipes (Pack of 40)
5920	2731-0888	Pro XXL+ Power Scrub Cleaning Wipes (Pack of 80)
5930	2692-2457	Pro Anti-Bac Wipes (Pack of 100)
5940	2731-0885	Pro Multiuse Bio Wipes (Pack of 100)
5980	2820-6715	50 UltraGrime® Pro: Glass & Stainless

TIME DELAY SWITCHES

F4P Time Delay Switches Range



- Saves cost and energy
- Easy to fit - replaces existing lighting control
- 2 wire [Live In and Live Out]
- No neutral required
- UV Resistant
- Suitable for use with 16mm & 25mm depth back box



2816-2930

F4P Ref	Code	Description
F4PPTLS	2816-2930	2 Wire 6A Pneumatic Time Delay Switch
F4PETLS	2816-2921	2 Wire 5A Electronic Time Delay Switch

Elkay 2 Wire Single Contact Pneumatic Time Delay Switch



- Saves cost and energy
- Easy to fit - replaces existing lighting control
- For fluorescent and incandescent lighting
- Adjustable time delay from 5 secs to 5 mins
- Pneumatic plunger
- No neutral required
- Suitable for use with a 25mm BS back box



F4P Ref	Code	Description
400A	0003-7666	2 Wire Single Contact Pneumatic Time Delay Switch



Check local branches & online for latest pricing

TIME DELAY SWITCHES

Elkay Time Delay Switches Range

- Saves cost and energy
- Easy to fit - replaces existing lighting control
- For loads up to 16A
- Adjustable from 2 minutes to 2 hours
- Blue locator ring
- Red signal LED
- Suitable for use with a 25mm BS back box
- **Please note:** F4PPFCC capacitor will often be required when switching certain types of loads



0704-0065

F4P Ref	Code	Description
350A-1	0704-0065	2 Wire Push Activated Electronic Time Delay Switch
3875A-1	0704-0113	Push Button Timer 3 Wire White

Elkay PIR Timer 2 Wire White

- Saves cost and energy
- For loads up to 16A
- Adjustable from 2 minutes to 2 hours
- Blue locator ring
- Red signal LED
- No neutral required
- IP66 waterproof rated
- Supplied with surface mount box with M20 knockout cable entries
- **Please note:** F4PPFCC capacitor will often be required when switching certain types of loads



F4P Ref	Code	Description
376A-1	0704-0101	PIR Timer 2 Wire White

Elkay Outdoor Push Button 3 Wire White

- Saves cost and energy
- For loads up to 16A
- Adjustable from 2 minutes to 2 hours
- Blue locator ring
- Red signal LED
- Neutral required
- IP66 waterproof rated
- Supplied with surface mount box with M20 knockout cable entries
- **Please note:** F4PPFCC capacitor will often be required when switching certain types of loads



F4P Ref	Code	Description
550A-1	0704-0125	Outdoor Push Button 3 Wire White

F4P Ceiling Mount PIR IP65

- Easy to install and operate PIR
- 6A max rated
- Switching load: 300W max LED/1200W max Incandescent
- 360° motion detection for complete room coverage
- Up to 8m detection range for large areas
- Adjustable timer [10 seconds - 15 minutes]
- Adjustable lux level from dusk to dawn
- Built-in override function
- Push-fit [Loop-in / Loop-out] terminal block
- UV-resistant plastic



F4P Ref	Code	Description
F4PCPIR/IP65	2893-7086	Ceiling Mount PIR IP65

SUSPENSION

F4P 100m Suspension Kit Contractor Pack c/w Suspension Locks

- Versatile on-demand suspension kit
- Contains: 30 Suspension locks and 100m x Ø2mm multi-purpose wire rope
- 60kg Safe working load
- 3:1 Safety factor
- Install vertically or at angles within 60°
- Adjustable and lightweight
- Carbon friendly alternative



F4P Ref	Code	Description
F4PSS30	2876-7898	100m Suspension Kit Contractor Pack c/w Suspension Locks

AIR COOLING

Addvent 9000BTU Portable Self Evaporating Air Conditioner

- Capacity 9000BTU
- Low energy consumption
- Energy efficiency Class A
- Dehumidifying function plus HEPA filter
- Fully self evaporating no need to empty water container
- Suitable for rooms up to 20m² at normal ceiling height
- Easy to set manual controls with remote control handset
- Compact and portable with wheels and handle for ease of movement
- Water tray capacity 0.5 Litre



Ref	Code	Description
AVAC9000	2248-7518	9000BTU Portable Self Evaporating Air Conditioner

Addvent Oscillating Desk Fans Range

- Oscillating function
- Adjustable tilt angle
- Quiet operation
- Mesh safety grill

Ref	Code	Description
AVDF9	2025-5446	9" 30W 2 Speed Desk Fan
AVDF12	2025-5443	12" 40W 3 Speed Desk Fan



2025-5446



2025-5443

HAND DRYERS

Levanté 2.5kW Automatic Hand & Face Dryer Stainless Steel



- 360° Rotating nozzle
- Automatic infrared operation
- Sound level: 85db[A]
- Air speed: 30m/s
- Air flow: 270m³/h
- Drying time: 30 - 45 secs
- IPX1 rated



Ref	Code	Description
LEVHD2.5SSHF	1015-3111	2.5kW Automatic Hand & Face Dryer Stainless Steel

Addvent 2.3kW Automatic Hand Dryer White



- Automatic infrared operation
- Sensing distance of 120mm
- Sound level: 65dB[A] @ 1.5 m
- Air speed: 20m/s
- Drying time: 60 secs
- IPX1 rated



Ref	Code	Description
AVH23	2149-2913	2.3kW Automatic Hand Dryer White



Check local branches & online for latest pricing

HAND DRYERS

Heatstore 1.8kW High Speed Hand Dryer Stainless Steel



- High speed hand dryer
- Automatic operation
- Sound level: 75 dB[A] @ 1 m
- Air speed: 90m/s
- Drying time: 10 secs
- IPX1 rated



Ref	Code	Description
HS5610	2148-9253	1.8kW High Speed Hand Dryer Stainless Steel

Addvent 1.5kW Automatic Hand Dryer White



- Automatic operation
- Sensing distance of 120mm
- Sound level: 45 dB[A] @ 1.5 m
- Air speed: 12m/s
- Drying time: 60 secs
- IPX1 rated



Ref	Code	Description
AVH15	2149-2910	1.5kW Automatic Hand Dryer White

Heatstore 1.1kW High Speed Hand Dryer White



- High speed hand dryer
- Automatic operation
- ABS construction
- Sound level: 68 dB[A] @ 1 m
- Air speed: 90m/s
- Drying time: 10 secs
- IPX1 rated



Ref	Code	Description
HS5510	2148-9250	1.1kW High Speed Hand Dryer White

HEATING

Heatstore 2kW Convector Heater Standard with Thermostat White



- Thermostatic control for instant constant warmth
- Overheat safety cut out
- 3 heat settings 750W, 1250W and 2000W
- Supplied with feet



Ref	Code	Description
HS2020XCN	0863-6278	2kW Convector Heater Standard with Thermostat White

Levanté 3kW Warm Air Curtain White



- 2 Heat settings [1500W/3000W] and fan only
- Pressed steel epoxy coated body
- Auto reset thermal cut-out protection
- 1.5m cable and easy fix bracket
- Mounted: Ceiling or wall [vertical/horizontal]
- Max air speed: 4.8m/sec
- Air volume: 254m³/hr
- Noise level: 60dB[A]



Ref	Code	Description
LEV3KAC	1627-9894	3kW Warm Air Curtain White

Heatstore 3kW Warm Air Curtain



- Designed for installation above doorways to reduce heat loss
- Separate fan-only setting for cool air circulations
- Automatic safety cut-out
- Adjustable mounting bracket
- Mounted: Wall
- Self resetting cut-out
- Air volume: 185 m³/hr
- Noise level: 46 dB[A] @ 1 m



Ref	Code	Description
HSAC3000X	0546-2002	3kW Warm Air Curtain

HEATING

Heatstore Oil Filled Column Radiators Range



- Complete with 24 hour/ 96 settings timer
- 3 heat settings
- Thermostatic control
- Neat cable tidy
- Castors allowing for easy mobility
- Easy to clean
- Auto safety cut out



Ref	Code	Description
HSOFR1500TX	2147-1832	1.5kW Oil Filled Column Radiator with Timer White
HSOFR2000TX	2147-1835	2kW Oil Filled Column Radiator with Timer White

FLY KILLER TUBES

Fly Killer Tubes Range



- Emits a frequency which attracts insects
- Suitable for insect traps in restaurants, kitchens, food shops, supermarkets etc
- Also suitable for nail curing, chemical processing, mineral detection and various technical applications
- Lamp Life: 8000 hrs



Fusion Ref	Code	Cap	Length	Wattage
EDF8/FK	2090-7061	T5	300 mm	8W
EDF15/FK	2088-5029	T8	452 mm	15W
EDF18/FK	2094-6910	T8	604 mm	18W

LED LAMPS

LED T8 Tri-Colour Glass Tubes

- Suitable replacement for fluorescent tubes
- Complete with LED starter for use in switch start retrofit installations
- Selectable colour temperature: Warm white 3000K, cool white 4000K and daylight 6500K
- Beam angle: 300°
- Lamp life: 25,000 hrs
- Guarantee: 3 Years

Fusion Ref	Code	Length	Wattage	Lumens
Non-Dimmable				
EDLEDTUBE/G2FT/CC	2772-8017	2 ft	9W	945 lm / 990 lm / 990 lm
EDLEDTUBE/G3FT/CC	2772-8020	3 ft	14W	1540 lm / 1680 lm / 1680 lm
EDLEDTUBE/G4FT/CC	2772-8023	4 ft	18W	1980 lm / 2160 lm / 2160 lm
EDLEDTUBE/G5FT/CC	2772-8026	5 ft	24W	2640 lm / 2880 lm / 2880 lm
EDLEDTUBE/G6FT/CC	2772-8029	6 ft	30W	3300 lm / 3600 lm / 3600 lm



Check local branches & online for latest pricing

Heatstore Low Surface Temperature Panel Heaters Range



- Maximum surface temperature of 43°C to comply with NHS Estates Health Guidelines Notes
- 6 heating periods per day
- 4 operating modes, programme, boost, setback and manual
- 4 large control buttons with tactile feedback
- Electronic child lock
- Optional control panel locking kit [HSPCLK] not included to be ordered separately
- Intelligent fan control
- 7 day timer with electronic thermostat
- Fitted with 1.1m of cable



2776-1059



Ref	Code	Description
HSP500LST	2776-1053	500W Low Surface Temperature Panel Heater White
HSP750LST	2776-1059	750W Low Surface Temperature Panel Heater White
HSP1000LST	2776-1038	1kW Low Surface Temperature Panel Heater White
HSP1500LST	2776-1044	1.5kW Low Surface Temperature Panel Heater White



LED LAMPS

LED T5 Tri-Colour Glass Tubes



- Suitable replacement for fluorescent tubes
- Selectable colour temperature: Warm white 3000K, cool white 4000K and daylight 6500K
- Beam angle: 200°
- Lamp life: 25,000 hrs
- Guarantee: 3 Years

Fusion Ref	Code	Length	Wattage	Lumens
Non-Dimmable				
EDLEDTUBET5/8CCT	2834-0626	2 ft	8W	880 lm
EDLEDTUBET5/12CCT	2834-0617	3 ft	12W	1320 lm
EDLEDTUBET5/16CCT	2834-0620	4 ft	16W	1760 lm
EDLEDTUBET5/20CCT	2834-0623	5 ft	20W	2200 lm



GR8 2D 2 Pin LED Lamp



- LED replacement for CFLni - Retrofit & Direct to Mains operation
- Suitable for GR8/ 2pins base with Electromagnetic Ballast [CCG] or AC mains
- Like for like retrofit replacement
- LED Lifetime: 25,000 hours [L70/B50]
- No UV output
- Suggested replacement for 16W & 28W 2D fluorescent lamps
- Guarantee: 3 Years

Fusion Ref	Code	Wattage	Height	Width	Depth	Lumens
Non-Dimmable - Cool White - 4000K						
F2D7CW/2P	2860-8319	7W	135 mm	135 mm	33 mm	750 lm
F2D13CW/2P	2860-8310	13W	200 mm	200 mm	33 mm	1500 lm



GR10q 2D 4 Pin LED Lamp



- LED replacement for CFLni - Retrofit & Direct to Mains operation
- Suitable for GR10q/ 4pins base Direct to AC mains ONLY
- Like for like retrofit replacement
- LED Lifetime: 25,000 hours [L70/B50]
- No UV output
- Suggested replacement for 16W, 28W & 38W 2D fluorescent lamps
- Guarantee: 3 Years

Fusion Ref	Code	Wattage	Height	Width	Depth	Lumens
Non-Dimmable - Cool White - 4000K						
F2D7CW/4P	2860-8322	7W	135 mm	135 mm	33 mm	750 lm
F2D13CW/4P	2860-8313	13W	200 mm	200 mm	33 mm	1500 lm
F2D17CW/4P	2860-8316	17W	200 mm	200 mm	33 mm	1870 lm



G23 2 Pin LED Single Compact Lamp



- Low power consumption
- Long lamp life
- Low surface temperature
- Not Suitable for emergency lighting
- Suitable replacement for compact fluorescent lamps
- Ideal for use in commercial and retail applications
- Guarantee: 2 Years



Fusion Ref	Code	Wattage	Length	Lumens
Non-Dimmable - Cool White - 4000K				
FPLS3CW/2P	2838-4273	3W	137 mm	370 lm
FPLS4.5CW/2P	2838-4276	4.5W	165 mm	580 lm
FPLS5CW/2P	2838-4279	5W	220 mm	700 lm

G24D 2 Pin LED Double Compact Lamp



- Low power consumption
- Long lamp life
- Low surface temperature
- Not Suitable for emergency lighting
- Suitable replacement for compact fluorescent lamps
- Ideal for use in commercial and retail applications
- Guarantee: 2 Years



Fusion Ref	Code	Wattage	Length	Lumens
Non-Dimmable - Cool White - 4000K				
FPLD4.5CW/2P	2838-4228	4.5W	116 mm	660 lm
FPLD6CW/2P	2838-4234	6W	148 mm	835 lm
FPLD9CW/2P	2838-4246	9W	171 mm	1300 lm
Non-Dimmable - White - 3500K				
FPLD6W/2P	2838-4240	6W	148 mm	580 lm
FPLD9W/2P	2838-4252	9W	171 mm	1300 lm

LED LAMPS

G24Q 4 Pin LED Double Compact Lamp



- Low power consumption
- Long lamp life
- Low surface temperature
- Not Suitable for emergency lighting
- Suitable replacement for compact fluorescent lamps
- Ideal for use in commercial and retail applications
- Guarantee: 2 Years



Fusion Ref	Code	Wattage	Length	Lumens
Non-Dimmable - Cool White - 4000K				
FPLD4.5CW/4P	2838-4231	4.5W	109 mm	660 lm
FPLD6CW/4P	2838-4237	6W	145 mm	835 lm
FPLD9CW/4P	2838-4249	9W	164 mm	1300 lm
Non-Dimmable - White - 3500K				
FPLD6W/4P	2838-4243	6W	145 mm	835 lm
FPLD9W/4P	2838-4255	9W	164 mm	1300 lm

GX24Q 4 Pin LED Triple Compact Lamp



- Low power consumption
- Long lamp life
- Low surface temperature
- Not Suitable for emergency lighting
- Suitable replacement for compact fluorescent lamps
- Ideal for use in commercial and retail applications
- Guarantee: 2 Years



Fusion Ref	Code	Wattage	Length	Lumens
Non-Dimmable - Cool White - 4000K				
FPLT6CW/4P	2838-4288	6W	118 mm	840 lm
FPLT9CW/4P	2838-4291	9W	138 mm	1260 lm
FPLT10CW/4P	2838-4282	10W	146 mm	1375 mm
FPLT13CW/4P	2838-4285	13W	167 mm	1780 mm

2G11 4 Pin LED PLL Lamp



- Low power consumption
- Long lamp life
- Low surface temperature
- Not Suitable for emergency lighting
- Suitable replacement for compact fluorescent lamps
- Ideal for use in commercial and retail applications
- Guarantee: 2 Years



Fusion Ref	Code	Wattage	Length	Lumens
Non-Dimmable - Cool White - 4000K				
FPLL8CW	2838-4270	8W	230 mm	1000 lm
FPLL12CW	2838-4258	12W	325 mm	1475 lm
FPLL18CW	2838-4261	18W	417 mm	2250 lm
FPLL20CW	2838-4264	20W	537 mm	2500 lm
FPLL24CW	2838-4267	24W	537 mm	3200 lm



Check local branches & online for latest pricing

2W LED G4 Capsule Lamps - Pack of 2



- Suitable replacement for 10 and 20W halogen lamps
- Lamp life: 15,000 hrs
- Guarantee: 1 Year



Fusion Ref	Code	Lumens
Non-Dimmable - Warm White - 3000K		
FG4/2P	2196-2761	200 lm

3.3W LED G9 Capsule Lamps - Pack of 2



- Suitable replacement for 40W halogen lamps
- Lamp life: 15,000 hrs
- Guarantee: 1 Year



Fusion Ref	Code	Lumens
Non-Dimmable - Warm White - 3000K		
FG9/2P	2196-2764	350 lm

LED GY6.35 Capsule Lamps



- Ideal for interior lighting applications such as displays, shop windows and restaurants
- Lamp life: 15,000 hrs
- Guarantee: 1 Year



Fusion Ref	Code	Wattage	Lumens
Non-Dimmable - Warm White - 3000K			
FGY6.35/2.6WW	2786-2006	2.6W	300 lm

LED HID Alternative Lamps



- Ideal for miniature high bays, floodlights and lanterns
- Lamp life: 25,000 hrs
- Guarantee: 3 Years



Fusion Ref	Code	Wattage	Cap	Colour Temperature	Lumens
FHIDG12	2612-4382	8W	G12	4000K	1100 lm

Branch opening hours

Mon-Fri 7:30-5:30 Sat 8:30-12:00

[local exceptions may apply]

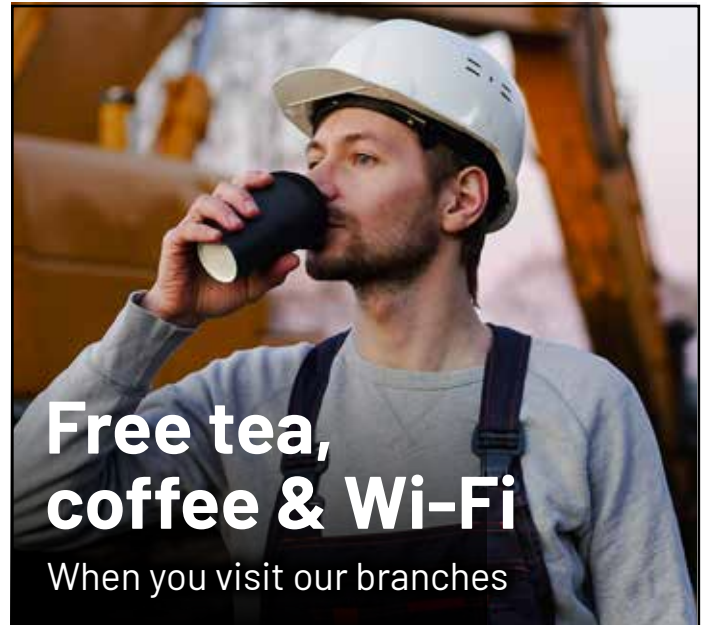
LED LAMPS

LED HID Discharge Lamps

- Ideal for low bays, high bays and floodlights
- Lamp life: 25,000 hrs
- Cap: GES/E40 + ES/E27
- Colour Temperature: 6000K Daylight
- Guarantee: 3 Years



Fusion Ref	Code	Wattage	Lumens
FHID20/E27	2448-1897	20W	2600 lm
FHID30	2448-1900	30W	3900 lm
FHID30/E27	2448-1903	30W	3900 lm
FHID60	2448-1906	60W	8000 lm
FHID85	2448-1909	85W	11000 lm
FHID100	2448-1891	100W	13000 lm
FHID120	2448-1894	120W	15000 lm



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Essential LED GU10 Lamps 230V - Pack of 10

- Suitable replacement for 35 and 50W halogen lamps
- Lamp life: 20,000 hrs
- Beam angle: 38°
- Guarantee: 2 Years

Fusion Ref	Code	Wattage	Lumens	Colour Temp
Non-Dimmable				
FEGU10/3.7/WW/10P	2818-4602	3.7W	352 lm	Warm White - 3000K
FEGU10/3.7/CW/10P	2818-4515	3.7W	352 lm	Cool White - 4000K
FEGU10/3.7/DW/10P	2818-4590	3.7W	352 lm	Daylight - 6000K
Dimmable				
FEGU10/3.7/WW/D/10P	2818-4608	3.7W	352 lm	Warm White - 3000K
FEGU10/3.7/CW/D/10P	2818-4584	3.7W	352 lm	Cool White - 4000K
FEGU10/3.7/DW/D/10P	2818-4596	3.7W	352 lm	Daylight - 6000K



INFRARED LAMPS

250W ES Infrared R125 Hard Glass Lamp Clear

- Infrared heat lamp, ideal for heating in commercial and industrial applications
- Used to provide warmth
- Lamp life: 5,000 hrs



Fusion Ref	Code	Cap	Lamp Type
EDIR250ES/CL	0531-3706	ES/E27	Reflector

300W R7s Quartz Linear Lamps

- Infrared reflector heat lamp
- Ideal for heating in commercial and industrial applications
- Used to provide warmth where needed



Fusion Ref	Code	Range	Lamp Type
IR300CL/P	0648-1090	Infrared Linear Protected	4,000 hrs
IR300CL	0305-6371	Infrared Linear	1,000 hrs

LED PANELS

Backlit TP[a] 600 x 600 Tri-Colour LED Panel IP20



- Aluminium body with low glare opal polycarbonate diffuser
- Stepped frame for flush ceiling grid mounting
- Selectable colour temperature: Warm white 3000K, cool white 4000K and daylight 6500K
- Optional emergency conversion pack – sold separately [2628-3835]
- Non-dimmable
- Lumen output: 3,600 lm
- Lamp life: 50,000 hrs
- Mounted: Recessed
- Warranty: 5 Years [on-site: 1 year]
- Emergency Warranty: 2 Years



2831-3989

Includes:

- Plug-and-play driver
- Push-fit loop in / out terminal block

Fusion Ref	Code	Wattage	Length	Width	Depth
FP66/CC	2831-3989	36W	595 mm	595 mm	34 mm
FP123/CC	2897-9473	36W	1195 mm	295 mm	34 mm
FP126/CC	2897-9476	45W	1195 mm	595 mm	34 mm

40W LED 600 x 600 Panel Frame IP20



- Uniform light distribution
- Lumen output: 4000 lm
- Lamp life: 25,000 hrs
- Mounted: Recessed
- Optional emergency pack available
- Warranty: 5 Years [on-site: 1 year]
- Emergency Warranty: 2 Years



Includes:

- Plug-and-play driver
- Push-fit loop in / out terminal block

Fusion Ref	Code	Length	Width	Depth
Cool White – 4000K				
FPF66CW	2789-8966	595 mm	595 mm	13.5 mm



Check local branches & online for latest pricing

LED EMERGENCY PACKS

4.3W Maintained Emergency Conversion Pack IP20



- Designed for Fusion LED panels
- LiFePO4 battery technology greatly improves operational life and charging cycle capacity
- Emergency duration: 3 hrs
- 24 Hour charge time
- Charge indicator LED
- Test button
- Emergency duration: 3 hrs
- Warranty: 2 Years



Fusion Ref	Code	Length	Width	Depth
FE3P	2628-3835	213 mm	95 mm	40 mm

LED COMMERCIAL DOWNLIGHTS

LED CCT Low Profile Commercial Downlights IP20



- White body with opal polycarbonate diffuser
- Ideal replacement for existing CFL fixtures
- Mounted: Recessed
- Lamp life: 25,000 hrs
- Warranty: 2 Years



Includes:

- Plug-and-play driver

Fusion Ref	Code	Wattage	Lumens	Depth	Ø	Cut Out Ø
FCD6CC	2861-7577	6W	500 lm	27 mm	128 mm	115mm
FCD12CC	2861-7568	12W	1200 lm	27 mm	170 mm	155 mm
FCD18CC	2861-7571	18W	1850 lm	27 mm	229 mm	210 mm
FCD24CC	2861-7574	24W	2500 lm	27 mm	298 mm	280 mm

4.1W Emergency Pack Conversion Kit IP20



- Emergency conversion kit for LED circular downlights from Fusion Luminaires
- Manual test button
- Plug and play connections
- Maintained Emergency [3hrs/180mins]



Fusion Ref	Code	Description
FE3CD	2634-4570	4.1W Maintained Emergency Conversion Pack for LED Circular Downlights

LED COMMERCIAL DOWNLIGHTS

LED Flexi-Fit Tri-Colour Downlights IP20



- White body with opal polycarbonate diffuser
- Integrated switch to select colour temperatures
- Adjustable spring clips allow recessed mounting in downlight holes
- Selectable colour temperature: Warm white 3000K, cool white 4000K and daylight 6000K
- Interchangeable magnetic bezels available - sold separately
- Mounted: Surface or recessed
- Lamp life: 30,000 hrs
- Warranty: 2 Years



Visit cef.co.uk for video demonstration

Includes:

- Integrated driver

Fusion Ref	Code	Wattage	Depth	Ø	Cut Out Ø
Lumen Output: 390, 420 or 450 lm					
FFF6CC	2606-9203	6W	15 mm	140 mm	55 - 100 mm
Lumen Output: 900, 930 or 960 lm					
FFF12CC	2827-5349	12W	15 mm	165 mm	55 - 125 mm
Lumen Output: 1980, 2010 or 2040 lm					
FFF18CC	2604-0979	18W	15 mm	217 mm	55 - 175 mm
Lumen Output: 1500, 1530 or 1560 lm					
FFF24CC	2606-9200	24W	15 mm	290 mm	60 - 250 mm

2W Maintained Emergency Conversion Pack



- Emergency conversion kit for LED Flexi-Fit downlight from Fusion Luminaires
- Manual test button
- Plug and play connections
- Maintained Emergency [3hrs/180mins]



Fusion Ref	Code	Description
FE3FF	2756-5060	4.1W Maintained Emergency Conversion Pack for LED Flexifit Downlights

LED BATTENS

Tri-Colour LED Battens IP20

- Steel body with powder-coated finish
- Polycarbonate UV stabilised diffuser
- Quick-release access system with LED array safety cords, for easy installation
- Ideal retrofit option for existing T8 or T5 fixtures
- Colour temperature: Warm white 3000K, cool white 4000K and daylight 6500K
- Lamp life: 50,000 hrs
- Dimensions: 72 mm [W] x 72.5 mm [D]
- Mounted: Surface or suspended
- Warranty: 5 Years [on-site: 1 year]
- Emergency Warranty: 2 Years



Microwave features:

- Detection angle [ceiling]: 360°
[wall]: 150°
- Detection range: 10 m
- Timer adjustment: 5 secs, 30 secs, 90 secs, 5 mins, 20 mins or 30 mins



Visit cef.co.uk for video demonstration

Fusion Ref	Code	Size	Wattage	Sensor	Lumens	Length
Standard						
FBAT2CC	2756-5063	2 ft	10W	No	1200 lm	600 mm
FBAT4CC	2756-5066	4 ft	20W	No	2400 lm	1200 mm
FBAT4HOCC	2756-5075	4 ft	40W	No	4800 lm	1200 mm
FBAT5CC	2756-5081	5 ft	30W	No	3600 lm	1500 mm
FBAT5HOCC	2756-5099	5 ft	60W	No	7200 lm	1500 mm
FBAT5HOCCS	2756-5105	5 ft	60W	Microwave	7200 lm	1500 mm
FBAT6CC	2756-5111	6 ft	40W	No	4800 lm	1800 mm
FBAT6HOCC	2756-5117	6 ft	67W	No	8040 lm	1800 mm
3 hr Maintained Emergency						
FBAT4CCE3	2756-5072	4 ft	20W	No	2400 lm	1200 mm
FBAT4HOCCE3	2756-5078	4 ft	40W	No	4800 lm	1200 mm
FBAT5CCE3	2756-5087	5 ft	30W	No	3600 lm	1500 mm
FBAT5CCSE3	2756-5096	5 ft	30W	Microwave	3600 lm	1500 mm
FBAT5HOCCE3	2756-5102	5 ft	60W	No	7200 lm	1500 mm
FBAT5HOCCSE3	2756-5108	5 ft	60W	Microwave	7200 lm	1500 mm
FBAT6CCE3	2756-5114	6 ft	40W	No	4800 lm	1800 mm
FBAT6HOCCE3	2756-5120	6 ft	67W	No	8040 lm	1800 mm

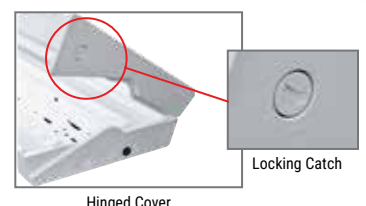
LED SCHOOL BATTENS

LED CCT & Wattage Selectable School Battens IP20

- Polycarbonate UV stabilised diffuser
- Steel body with powder coated finish
- Wattage selectable [see table]
- CCT colour selectable function: [3000K / 4000K / 6500K]
- Up to 8400 Lumens
- Plug-and-play component arrangement for ease of maintenance
- Hinged diffuser cover with locking catch
- Push-fit [loop-in/loop-out] terminal block
- LED Lifetime: 50,000hrs [L70/B50]
- Optional Plug & Play 3 Hour Emergency Pack: FSBATE3
- Optional Plug & Play Microwave Sensor Pack: FSBATSEN
- Warranty: 5 Years [on-site: 1 year]
- Emergency Warranty: 2 Years



Fusion Ref	Code	Wattage Selectable	Description	Length
FSBAT4CCW	2905-9099	20/27/34/40W	School Batten 4ft Wattage & CCT Selectable c/w Opal Diffuser	1200 mm
FSBAT5CCW	2905-9102	35/47/58/70W	School Batten 5ft Wattage & CCT Selectable c/w Opal Diffuser	1500 mm
FSBATE3	2905-9105	-	School Batten 3 Hour Emergency Pack	218 mm
FSBATSEN	2905-9108	-	School Batten On-Off Microwave Sensor	104 mm



Hinged Cover

Locking Catch

LED NON-CORROSIVE FITTINGS

LED Non-Corrosive Fittings IP65

Fusion Ref	Code	Size	Wattage	Lumens	Length	Width	Depth
Standard							
FNCF2	2613-7831	2 ft	9W	1100 lm	600 mm	96 mm	79 mm
FNCF2HO	2613-7834	2 ft	18W	2200 lm	600 mm	96 mm	79 mm
FNCF4	2613-7894	4 ft	18W	2200 lm	1200 mm	96 mm	79 mm
FNCF4HO	2613-7840	4 ft	40W	4800 lm	1200 mm	96 mm	79 mm
FNCF5	2613-7846	5 ft	23W	2800 lm	1500 mm	96 mm	79 mm
FNCF5HO	2613-7852	5 ft	48W	5800 lm	1500 mm	96 mm	79 mm
FNCF6	2613-7858	6 ft	27W	3200 lm	1800 mm	96 mm	83 mm
FNCF6HO	2613-7864	6 ft	55W	6600 lm	1800 mm	96 mm	83 mm
Standard - Microwave Sensor							
FNCF5S	2726-9278	5 ft	23W	2800 lm	1500 mm	96 mm	79 mm
FNCF5HOS	2726-9272	5 ft	48W	5800 lm	1500 mm	96 mm	79 mm
3 hr Maintained Emergency							
FNCF4E3	2613-7837	4 ft	18W	2200 lm	1200 mm	96 mm	79 mm
FNCF4HOE3	2613-7843	4 ft	40W	4800 lm	1200 mm	96 mm	79 mm
FNCF5E3	2613-7849	5 ft	23W	2800 lm	1500 mm	96 mm	79 mm
FNCF5HOE3	2613-7855	5 ft	48W	5800 lm	1500 mm	96 mm	79 mm
FNCF6E3	2613-7861	6 ft	27W	3200 lm	1800 mm	96 mm	83 mm
FNCF6HOE3	2613-7867	6 ft	55W	6600 lm	1800 mm	96 mm	83 mm
3 hr Maintained Emergency - Microwave Sensor							
FNCF5SE3	2726-9281	5 ft	23W	2800 lm	1500 mm	96 mm	79 mm
FNCF5HOSE3	2726-9275	5 ft	48W	5800 lm	1500 mm	96 mm	79 mm



- Polycarbonate body and purpose-designed opal diffuser
- Colour temperature: Cool white 4000K
- Lamp life: 50,000 hrs
- Impact rating: IK08
- Mounted: Surface or suspended
- Warranty: 5 Years [on-site: 1 year]
- Emergency Warranty: 2 Years

Microwave features:

- Detection angle [ceiling]: 360°
[wall]: 150°
- Detection range: 10 m
- Timer adjustment: 5 secs, 30 secs, 90 secs, 5 mins, 20 mins or 30 mins



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Includes:

- Stainless steel fixing clips
- Gear tray extension cords

UNDER CABINET LIGHTS

LED Slimline Colour Selectable Under Cabinet Lights IP20



- Suitable replacement for traditional T4 and T5 fluorescent fittings
- Compact, surface mounted design
- Selectable colour temperature: Warm white 3000K & cool white 4000K
- Beam angle: 150°
- Lamp life: 30,000 hrs
- Warranty: 3 Years

Includes:

- 1.5 m Mains cable
- Fixing brackets
- 170 mm Link cable
- Connector



CCT Colour Select

Fusion Ref	Code	Wattage	Length	Lumens
FLL4CC225	2795-8372	4W	225 mm	400 lm
FLL4CC	2795-8369	4W	288 mm	450 lm
FLL7CC	2795-8378	7W	516 mm	850 lm
FLL13CC	2795-8360	13W	849 mm	1500 lm
FLL18CC	2795-8363	18W	1149 mm	1800 lm

Under Cabinet Link Leads



- Link Lead for Under Cabinet Link Lights



Fusion Ref	Code	Length
FLL250MM	2795-8366	250 mm
FLL500MM	2795-8375	500 mm
FLL1000MM	2795-8357	1000 mm

LED BULKHEADS

LED DOME II Wattage & CCT Selectable Bulheads IP65 Range



- Plastic body and polycarbonate diffuser
- Wattage selectable: 8W, 12W, 16W & 20W
- Selectable colour temperature: Warm white 3000K, cool white 4000K & Daylight 6500K
- Up to 2100 Lumens
- Beam angle: 115°
- LED Lifetime: 50,000hrs
- Optional Built-in microwave sensor
- Optional Maintained emergency (3hr/180mins)
- Optional clip-on bezels available

Includes:

- Push-fit (loop-in/loop-out) terminal block
- Side and rear 20mm cable entry points
- Twist & Lock diffuser and white clip-on bezel supplied
- Hinged LED Gear Tray with locking catch
- Plug-and-play component arrangement for ease of maintenance

Fusion Ref	Code	Description
FDOMECCW	2897-8339	Dome Wattage & CCT Selectable LED Bulkhead
FDOMECCWE3	2897-8342	Dome Wattage & CCT Selectable LED Emergency Bulkhead
FDOMECCWS	2897-8345	Dome Wattage & CCT Selectable LED Sensor Bulkhead
FDOMECCWE3	2897-8348	Dome Wattage & CCT Selectable LED Sensor Emergency Bulkhead

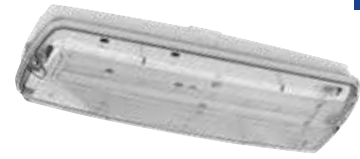


LED EMERGENCY LIGHTING

LED Emergency Bulkheads IP65

- High quality polycarbonate body and diffuser with hinged gear tray
- LiFePO4 battery technology greatly improves operational life and charging cycle capacity
- Emergency duration: 3 hrs
- Colour temperature: Daylight 6500K
- Emergency lumen output: 110 lm
- Lumen output: 170 lm
- Lamp life: 30,000 hrs
- Mounted: Surface or recessed using bezel [2822-8885]
- Warranty: 2 Years

- Includes:
 - ISO 7010 Legend pack



FUSION LUMINAIR

AUTO SELF-TEST

Fusion Ref	Code	Wattage	Type	Emergency Type	Height	Width	Depth
FE3BNM	2816-1985	1.1W	Standard	Non-Maintained	107 mm	349 mm	64 mm
FE3BM	2816-1979	2.3W	Standard	Maintained / Non-Maintained	107 mm	349 mm	64 mm
FE3BM/ST	2816-1982	2.3W	Auto Self-Test	Maintained / Non-Maintained	107 mm	349 mm	64 mm

2.7W LED Maintained / Non-Maintained Emergency Droplights IP20

- Multiple mounting options offer complete versatility
- Polycarbonate housing
- Test button and charge indicator LED
- Emergency duration: 3 hrs
- Emergency lumen output: 14 lm
- Lumen output: 23 lm
- Lamp life: 30,000 hrs
- Mounted: Ceiling suspended, recessed, side or wall [fixing kit included]
- Legend: Exit Arrow Up
- Warranty: 2 Years



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Fusion Ref	Code	Type	Height	Width	Depth
FE3/5IN1	2658-8812	Standard	180 mm	264 mm	28 mm
FE3/5IN1/ST	2743-9399	Auto Self-Test	180 mm	264 mm	28 mm

ISO 7010 Legends available - ask in-branch for details

3.5W LED Maintained / Non-Maintained Emergency Exit Boxes IP20

- Polycarbonate housing and diffuser
- LiFePO4 battery technology greatly improves operational life and charging cycle capacity
- Emergency duration: 3 hrs
- Colour temperature: Daylight 6500K
- Emergency lumen output: 20 lm
- Lumen output: 35 lm
- Lamp life: 30,000 hrs
- Legend: Exit Arrow Up
- Warranty: 2 Years



Fusion Ref	Code	Type	Height	Width	Depth
FE3EB	2745-0358	Standard	185 mm	330 mm	39 mm
FE3EB/ST	2743-9405	Auto Self-Test	185 mm	330 mm	39 mm

ISO 7010 Legends available - ask in-branch for details

3W LED Non-Maintained Emergency Twinspots IP65

- Polycarbonate construction
- LiFePO4 battery technology greatly improves operational life and charging cycle capacity
- Emergency duration: 3 hrs
- Colour temperature: Daylight 6500K
- Lumen output: 297 lm
- Lamp life: 30,000 hrs
- Warranty: 2 Years



FUSION LUMINAIR

AUTO SELF-TEST

Fusion Ref	Code	Type	Height	Width	Depth
FE3TS	2658-8821	Standard	281 mm	297 mm	89 mm
FE3TS/ST	2743-9411	Auto Self-Test	281 mm	297 mm	89 mm

1W LED Non-Maintained Emergency Downlights IP20

- Interchangeable lenses available to suit specific settings - sold separately
- LiFePO4 battery technology greatly improves operational life and charging cycle capacity
- Emergency duration: 3 hrs
- Colour temperature: Daylight 6500K
- Lumen output: 121 lm
- Lamp life: 30,000 hrs
- Mounted: Recessed
- Warranty: 2 Years



FUSION LUMINAIR

AUTO SELF-TEST

- Includes:
 - Battery pack and driver

Fusion Ref	Code	Type	Beam Angle	Depth	Ø	Cut Out Ø
FE3D1	2628-8332	Standard	120°	50 mm	50 mm	45 mm
FE3D1/ST	2743-9402	Auto Self-Test	120°	50 mm	50 mm	45 mm

LED FLOODLIGHTS

Protector LED CCT Floodlights IP65



- Die-cast aluminium powder-coated body
- Can be mounted without removing bracket
- Selectable colour temperature: Warm white 3000K, cool white 4000K & Daylight 6500K
- Lamp life: 25,000 hrs
- Warranty: 3 Years



PIR Features:

- Detection angle: 120°
- Detection range: 10 m
- Timer adjustment: 3 secs - 8 mins

Includes:

- Adjustable bracket
- 1 m Prewired cable

Fusion Ref	Code	Wattage	Max Lumens	Height	Width	Depth
Standard						
FPF10CC	2897-9923	10W	1000 lm	179 mm	133 mm	34 mm
FPF20CC	2897-9929	20W	2000 lm	179 mm	133 mm	34 mm
FPF30CC	2897-9935	30W	3000 lm	203 mm	133 mm	34 mm
FPF50CC	2897-9941	50W	5000 lm	226 mm	165 mm	34 mm
PIR						
FPF10CC/PIR	2897-9926	10W	1000 lm	201 mm	133 mm	62 mm
FPF20CC/PIR	2897-9932	20W	2000 lm	201 mm	133 mm	62 mm
FPF30CC/PIR	2897-9938	30W	3000 lm	225 mm	133 mm	62 mm
FPF50CC/PIR	2897-9944	50W	5000 lm	252 mm	165 mm	62 mm

Guardian LED Floodlights IP65



- Die-cast aluminium powder-coated body
- Can be mounted without removing bracket
- Colour temperature: Cool white 4000K
- Lumens per Wattage: 120lm/W
- Beam Angle: 110 x 45°
- Lamp life: 50,000 hrs
- Warranty: 3 Years



Includes:

- Adjustable bracket
- 1 m Prewired cable

Fusion Ref	Code	Wattage	Max Lumens	Height	Width	Depth
FGF80ASY	2897-9920	180W	9600 lm	285 mm	204 mm	40 mm
FGF100ASY	2897-9902	100W	12000 lm	285 mm	204 mm	40 mm
FGF150ASY	2897-9905	1500W	18000 lm	346 mm	253 mm	45 mm
FGF250ASY	2897-9911	250W	30000 lm	475 mm	340 mm	55 mm



Check local branches & online for latest pricing

LED WALL PACKS

20W Tri-Colour LED Wall Packs IP65



- Die-cast aluminium body and polycarbonate diffuser
- Push-fit connectors for easy installation
- Selectable colour temperature: Warm white 3000K, cool white 4000K or daylight 6500K
- Lumen output: 1,500, 1,550 or 1,600 lm
- Lamp life: 50,000 hrs
- Warranty: 5 Years [on-site: 1 year]



CCT COLOUR SELECT



Visit cef.co.uk for video demonstration

Fusion Ref	Code	Sensor	Height	Width	Depth
FWPCC	2641-1884	No	221 mm	207 mm	82 mm
FWPCCPC	2641-1887	Photocell	221 mm	207 mm	82 mm

BOLLARDS

Commercial Bollards



- Aluminium black powder coated body
- E27 lamp holder or LED option
- [LED option only] Wattage select function [20W/24W]
- [LED option only] Lumen Output: 1200 lm (20W)/1500 lm [24W]
- [LED option only] CRI: > 80
- LED Lifetime: 50,000 hours [L70/B50]



2771-7172

2719-0774



Includes:

- Supplied with X3 "J" bolts and fixings
- 1 m Prewired cable

Fusion Ref	Code	Description	Height	Ø
FBOLLARD	2719-0774	20W/24W LED Bollard Black Dome Head	1000 mm	160 mm
FBOLLARDES	2771-7172	Commercial Bollard ES	1015 mm	160 mm

LED STREET LIGHTING

LED Nano Street Light with Nema Socket



- Die cast aluminium powder coated body
- NEMA socket with shorting cap [optional photocell sensor available separately]
- Polycarbonate UV stabilised lens
- Toolless opening
- Type II Distribution
- 10KV surge protection
- LED Lifetime: 50,000hrs (L70)
- Operating temperature: -15° - +40°C
- Suitable for 76mm/60mm pole or outreach arm mounting



Kit contents:

- Adjustable spigot up to $\pm 15^\circ$
- Pre-wired with 0.3m cable

Fusion Ref	Code	Watts	Lumens
FNANO40NEMA	2861-1436	40W	6000 lm
FNANO60NEMA	2861-1439	60W	9000 lm
FNANO80NEMA	2861-1442	80W	12000 lm
FNANO120NEMA	2861-1433	120W	18000 lm

PHOTOCELLS

Photocell Mounting Kit & Replacement Head IP65



- Outdoor photo electric cell made from UV stabilised polycarbonate
- Operating temperature of -20°C +80°C
- Approval to EN 50081-1 [Emissions]
- Max capacity: 5A
- Switch: EM Relay
- Diffuser: Opal
- Supply: 198 - 264 VAC
- On/Off Levels: 170/105 LUX [1:1.5 + VE]
- Suitable for LED or Compact Fluorescent loads



0003-7102



0003-7096

Kit contents:

- SS4 photocell, base holder, bracket socket, gasket, screws and wall plugs

Fusion Ref	Code	Description	Width	Height
3061	0003-7102	Outdoor Photocell Kit. 2 x 250W HPS or 250W LED	87 mm	124 mm
3050	0003-7096	Replacement Head	80 mm	50 mm

Open an account
Online or in branch

DISTRIBUTION BOARDS - SINGLE PHASE

Isolator Incomer Consumer Units – Surge Protected



- Non-combustible metalclad consumer units
- Ferruled cable ends for secure connections
- Knockouts: M25, M32 and M40
- IP20
- BS EN 61439-3



SPD Fitted

Includes:

- 100A 2 Pole isolator
- Type 2 surge protection device [40 kA] – [2696-8078]
- Backup 32A B curve MCB [6 kA]

MCG Ref	Code	No. of Ways	Height	Width	Depth
MMSB12SPDM	2713-0027	8	235 mm	377 mm	110 mm
MMSB14SPDM	2713-0030	14	235 mm	377 mm	110 mm

DISTRIBUTION BOARDS - SINGLE PHASE

Isolator Incomer Consumer Units



- Non-combustible metalclad consumer units
- Knockouts: M25, M32 and M40
- IP20
- BS EN 61439-3



Includes:

- 100A 2 Pole isolator

MCG Ref	Code	No. of Ways	Height	Width	Depth
MMSB8	2073-7378	8	235 mm	233 mm	110 mm
MMSB10	2646-0604	10	235 mm	269 mm	110 mm
MMSB12	2073-7333	12	235 mm	305 mm	110 mm
MMSB14	2403-3820	14	235 mm	341 mm	110 mm
MMSB16	2073-7336	16	235 mm	377 mm	110 mm



Check local branches & online for latest pricing

CIRCUIT PROTECTION - SURGE ARRESTERS

Single Module Surge Protection Device



18th EDITION

- Suitable for use with most brands of consumer units
- Protects against indirect lightning effects and transient surges
- Prolongs the life of appliances and sensitive electronic equipment
- Visual end-of-life indication
- Recommended backup MCB: 16 - 32A
- Mounted: DIN rail
- BS EN 61643-11 and BS EN 62305
- Warranty: 10 Years



MCG Ref	Code	Type	Suitable For
SY2-D	2433-7003	2 + 3	TN-S, TN-C-S and TT

Surge Protection Device with Backup MCB



18th EDITION

- Suitable for use with most brands of consumer units
- Protects against indirect lightning effects and transient surges
- Prolongs the life of appliances and sensitive electronic equipment
- Visual and remote end-of-life indication
- Backup MCB rating: 32A
- Mounted: DIN rail
- BS EN 61643-11
- Warranty: 1 Year



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MCG Ref	Code	Type	Suitable For
Device with Cables and 32A B Curve MCB [6 kA]			
SPDT2PACK-M	2696-8078	2	TN-S, TN-C-S and TT Earthing

40kA 4 Module 4 Pole Type 2+3 Surge Protector



- Ideal for industrial applications
- End of module life indication
- Auxiliary contacts for remote indication
- Pluggable and replaceable modules
- Mounted: DIN rail
- Use 32A to 63A backup MCB [sold separately]
- Cable size: 6mm² to 16mm²
- Suitable for use with any brand of consumer unit
- Conforms to IEC 61643-1 and EN 61643-11
- Compliant to 18th Edition Wiring Regulations [BS 7671:2018 Surge Protection]



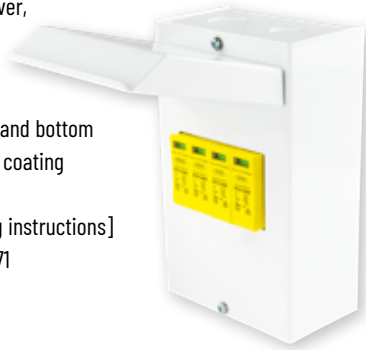
MCG Ref	Code	Type	Suitable For
SY2-C40X	2433-7000	2 3	TN-S and TN-C-S Earthing

CIRCUIT PROTECTION - SURGE ARRESTERS

40kA 4 Module 3 Pole and Neutral Type 2+3 Surge Protector with Metal Enclosure



- Ideal for industrial applications
- Use 32A to 63A backup MCB or RCBO [sold separately]
- Compliant to 18th Edition Wiring Regulations [BS 7671 Surge Protection]
- Enclosure features 1mm thick metal construction body
- Complete with drop down metal cover, DIN rail and earth bar
- Raised key holes for secure easy installation
- Circular cable entry knockouts top and bottom
- Finished in white polyester powder coating
- IP20 rated
- Not pre-wired [supplied with wiring instructions]
- Metal enclosure conforms to BS 7671 Amendment 3 and BS EN 61439-3

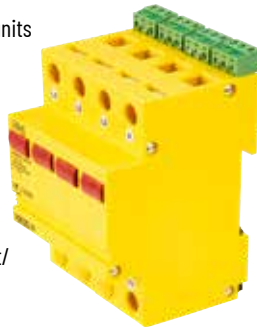


MCG Ref	Code	Type	Suitable For
SY2-C40XME	2441-3887	2 3	TN-S and TN-C-S Earthing

50kA 4 Module 3 Pole and Neutral Type 1+2+3 Surge Protector



- Suitable for use with most brands of consumer units
- End of module life indication
- Remote signal contacts
- Pluggable and replaceable modules
- Mounted: DIN rail
- Use 63A backup MCB [sold separately]
- Cable size: 16mm² to 25mm²
- Suitable for use with any brand of consumer unit/distribution board
- Conforms to IEC 61643-1 and EN 61643-11
- Compliant to 18th Edition Wiring Regulations [BS 7671:2018 Surge Protection and BS EN 62305 Lightning Standards]
- Warranty: 10 Years



MCG Ref	Code	Type	Suitable For
10020/4	2462-7880	1 2 3	TN-C-S Earthing

Same day range

Almost 3,000 everyday essential products available in branch to take away today

CIRCUIT PROTECTION - RCD

Bi-Directional 2 Pole RCDs



- Interrupting capacity: 6 kA
- Incoming cables can be connected at the top or bottom with bi-directional protection
- Test button and trip indicator
- Terminal capacity: 35 mm²
- Mounted: DIN rail
- BS EN 61008-1



MCG Ref	Code	Current Rating	Tripping Sensitivity
Type A			
63A2P30AT	2579-4559	63A	30 mA
80A2P30AT	2579-4574	80A	30 mA

Bi-Directional 4 Pole RCDs



- Interrupting capacity: 6 kA
- Incoming cables can be connected at the top or bottom with bi-directional protection
- Test button and trip indicator
- Terminal capacity: 35 mm²
- Mounted: DIN rail
- BS EN 61008-1



MCG Ref	Code	Current Rating	Tripping Sensitivity
Type A			
25A4P30AT	2579-4523	25A	30 mA
40A4P30AT	2579-4547	40A	30 mA

RCD Type B 30mA



- 2 & 4 Pole Options
- Insulated DIN rail clips
- Sensitivity 30mA [10kA]
- Test 'T' operating test button on the front panel
- Fault tripping indicator window
- Guarantee: 1 Year



MCG Ref	Code	Pole	Current Rating
63A2P30BT	2577-8734	2	63A
63A4P30BT	2577-8737	4	63A

CIRCUIT PROTECTION - RCBO

Single Pole Single Module Compact RCBOs

- Integrates residual and overcurrent protection in one device
- Test button and trip indicator
- Sensitivity: 30 mA [6 kA]
- Mounted: DIN rail
- BS EN 61009-1

Includes:

- 400 mm Neutral cable



MCG Ref	Code	Current Rating
B Curve 6 kA - Type A		
6A2P30B6MAT	2704-6396	6A
10A2P30B6MAT	2704-6360	10A
16A2P30B6MAT	2704-6366	16A
20A2P30B6MAT	2704-6372	20A
25A2P30B6MAT	2704-6378	25A
32A2P30B6MAT	2704-6384	32A
40A2P30B6MAT	2704-6390	40A

Bi-Directional Single Pole Single Module Compact RCBOs

- Integrates residual and overcurrent protection in one device
- Incoming cables can be connected at the top or bottom with bi-directional protection
- Built-in switched neutral
- Test button and trip indicator
- Sensitivity: 30 mA [6 kA]
- Mounted: DIN rail

MCG Ref	Code	Current Rating
B Curve 6 kA		
6ARSN6B	2797-8712	6A
10ARSN6B	2797-8694	10A
16ARSN6B	2797-8697	16A
20ARSN6B	2797-8700	20A
25ARSN6B	2797-8703	25A
32ARSN6B	2797-8706	32A
40ARSN6B	2797-8709	40A



CIRCUIT PROTECTION - AFDD

Bi-Directional Double Pole Single Module AFDDs

- Combines arc fault detection with RCBO functions
- Series and parallel arc fault detection
- LED Trip indicator shows fault status and trigger type
- Test button
- Sensitivity: 30 mA [6 kA]
- Mounted: DIN rail
- BS EN 62606

Includes:

- Prewired neutral cable



18th EDITION

MCG Ref	Code	Current Rating
B Curve 6 kA - Type A		
6A2P30BAFDD	2577-8644	6A
10A2P30BAFDD	2577-8698	10A
16A2P30BAFDD	2577-8704	16A
20A2P30BAFDD	2577-8710	20A
32A2P30BAFDD	2577-8722	32A
40A2P30BAFDD	2577-8728	40A

CONTROL GEAR - MODULAR CONTACTOR

Modular Contactors

- Ideal for switching heating and lighting applications
- Coil voltage: 230V AC
- Mounted: DIN rail
- BS EN 61095



MCG Ref	Code	Current Rating	No. of Modules	Contact Configuration
2 Pole				
MC120	1469-6029	20A	1	2 NO
4 Pole				
MC225	1469-4562	25A	2	4 NO
MC340	1462-6381	40A	3	4 NO
MC363	1462-6384	63A	3	4 NO

Delivery options to suit you

Free national delivery on online orders over £50 – Free delivery from your local branch



METERING - SINGLE PHASE

100A Single Phase Electricity Meter

MCG
INDUSTRIAL

- Accurately measures and displays active energy consumption [kWh] in a compact, surface mounted enclosure
- Large, easy-to-read LCD can be configured to cycle any of the available registers or remain static
- Optical port for configuration or meter reading
- Highly reliable and capable of withstanding high voltage events and overcurrent without failure
- Tamper resistant with reverse-energy fraud detection and sealing for life
- MID Certified
- EN 50470-1-3



MCG Ref	Code	Height	Width	Depth
M1PHMIDMETER	2027-1052	91 mm	125 mm	40 mm

100A Single Phase Bi Directional kWh MID Meter c/w Extension Cover

MCG
INDUSTRIAL

- Measures import/export to grid active energy [kWh]
- Renewables meter with Import/Export facility
- Extended terminal cover
- Provides a compact solution for many metering applications
- Fully MID approved
- Highly accurate meter may be used for utility billing or micro-generation metering
- Large easy to read LCD display
- Display features 8 x 3.5mm characters and can be configured to auto cycle any of the available registers or remain static with only a single register viewable
- Optical port for configuration or meter reading
- Highly reliable and capable of withstanding high voltage events and overcurrent without failure
- Resistant to tamper with reverse energy fraud detection and sealing for life
- High quality solid brass cable terminals



MCG Ref	Code	Height	Width	Depth
M1PH100MID/BI/EC	2764-4347	128 mm	125 mm	40 mm

120A 3 Phase 4-Wire Dual Electricity / Pulsed Meter

- Large LCD display
- Does not require recalibration for the lifetime of the device
- OFGEM Approved
- LED Indicators show meter status
- IP54

MCG Ref	Code	Height	Width	Depth
ISK/MT174DC	1629-7411	250 mm	178 mm	55 mm

45A Single Phase Single Module kWh MID Meter with LCD Display

MCG
INDUSTRIAL

- Designed to measure and display active energy (kWh)
- MID B D certified
- Single-phase 45A direct connected
- Rated voltage 220V/230V
- DIN rail mounted
- Impulse constant 1000imp/kWh
- LCD 5 2 = 99999.99kWh display
- Self-supplied
- Cost effective



MCG Ref	Code	Height	Width	Depth
D1P45A	0702-9838	120 mm	18 mm	63 mm

100A Single Phase MID Certified kWh Bi-Directional Meter

MCG
INDUSTRIAL

- Meter type: single phase meter
- Din rail mounting
- MID B D certified
- Smart: No
- Tariffs: single
- Module width: 1
- Import and Export
- Output Type: Pulse



MCG Ref	Code	Height	Width	Depth
MCGADEM1A001	2832-7141	90 mm	18 mm	72 mm

100A Single Phase 2 Mod kWh MID Meter

MCG
INDUSTRIAL

- Meter type: single phase meter
- Din rail mounting
- MID B D certified
- Smart: No
- Tariffs: single
- Module width: 1
- Import and Export
- Output Type: Pulse



MCG Ref	Code	Height	Width	Depth
D1P100A/2M	2648-6740	99 mm	36 mm	63 mm



MCG
INDUSTRIAL

DISTRIBUTION BOARDS - THREE PHASE

125A TP+N Distribution Boards with Mains Incomer - Surge Protected

- Non-combustible metalclad enclosure
- Reversible metal door and removable gland plates top and bottom for ease of installation
- IP3X
- BS EN 61439-3

Includes:

- 125A 4 Pole isolator
- Type 2 surge protection device with 32A 3 pole MCB

MCG Ref	Code	No. of Ways	Height	Width	Depth
Type B Board					
TPN4-125SPD	2840-6953	4	510 mm	450 mm	135 mm
TPN6-125SPD	2840-6956	6	564 mm	450 mm	135 mm
TPN8-125SPD	2840-6959	8	618 mm	450 mm	135 mm
TPN12-125SPD	2840-6947	12	726 mm	450 mm	135 mm
TPN16-125SPD	2840-6950	16	834 mm	450 mm	135 mm



16 Module Extension Box



- Non-combustible metalclad enclosure
- Removable gland plates top and bottom
- IP3X
- BS EN 61439-3



Includes:

- Neutral and earth terminals
- Cable box

MCG Ref	Code	Height	Width	Depth
TPN-EXTB	2840-6932	500 mm	450 mm	135 mm

125A Triple Pole Connection Block



- Insulated DIN rail clips
- Ergonomic hand grip for easy installation
- Only for use in conjunction with MCG extension board [TPN-EXTB] available separately
- Only for use with MCG Gen 2 range of TPN Boards



MCG Ref	Code	Height	Width	Depth
TPN-3CON	2840-6920	83 mm	53 mm	66 mm



Check local branches & online for latest pricing

Cable Extension Box



- Offers additional space to tidy larger cables
- IP3X



MCG Ref	Code	Height	Width	Depth
TPN-CABB	2840-6923	100 mm	444 mm	123 mm

Single Phase Conversion Kit



- Three-phase to single-phase conversion kit
- Designed for use with MCG Gen 2 range of TPN Boards
- 1 x main copper 1 pole - 3 pole connector with 8mm stud
- 1 x plastic shroud for copper connector
- 1 x incoming mains cable crimp



MCG Ref	Code	Length	Width	Depth
TPN-1PHCK	2840-6917	50 mm	65 mm	20 mm



CIRCUIT PROTECTION RCBO'S

Full Height RCBO's

- Integrates residual and overcurrent protection in one device
- Suitable for vertical busbars
- Sensitivity: 30 mA [10 kA]
- Mounted: DIN rail
- 3 Module options also available
- Also available on B & D Trip Curve
- BS EN 61009-1

Includes:

- 1 m Pre-wired neutral and earth cables



MCG
INDUSTRIAL

MCG Ref	Code	Current Rating
Single Pole B Curve 10 kA - Type A		
6A2P30BSMTP	2579-4565	6A
10A2P30BSMTP	2579-4496	10A
16A2P30BSMTP	2579-4502	16A
20A2P30BSMTP	2579-4511	20A
32A2P30BSMTP	2579-4526	32A
40A2P30BSMTP	2579-4538	40A
50A2P30BSMTP	2579-4550	50A
Single Pole C Curve 10 kA - Type A		
6A2P30CSMTP	2579-4568	6A
10A2P30CSMTP	2579-4499	10A
16A2P30CSMTP	2579-4505	16A
20A2P30CSMTP	2579-4514	20A
32A2P30CSMTP	2579-4529	32A
40A2P30CSMTP	2579-4541	40A
50A2P30CSMTP	2579-4553	50A

SWITCHGEAR - SWITCH FUSES TPN

TP+N Switch Fuse Metal Enclosures IP65, c/w Fuses

- Triple Pole and switched neutral [4th pole]
- IP65 RAL 7035 enclosure
- Padlockable in OFF position
- Defeatable door interlocked handle
- Conforms with IEC 60947-1 & 3
- Bureau Veritas, KEMA certified and CE approved



MCG
INDUSTRIAL

Includes:

- BS fuses
- Door earth lead fitted as standard
- IP20 terminal protection
- Removable top and bottom gland plates

MCG Ref	Code	Amps	Height	Width	Depth
MCGSF200TPN	2453-6014	200A	500 mm	400 mm	200 mm
MCGSF250TPN	2453-6017	250A	500 mm	400 mm	200 mm
MCGSF315TPN	2453-6020	315A	800 mm	600 mm	300 mm
MCGSF400TPN	2453-6023	400A	800 mm	600 mm	300 mm

3 Pole 3 Module C Curve 10kA 30mA Type A RCBO

- For use within vertical busbar distribution units
- DIN rail mounting
- Sensitivity: 30 mA [10 kA]
- 10kA short circuit capacity
- RCD test button [test six monthly]
- Fault trip indication
- DIN rail mounting
- Supplied with single neutral cable
- Ergonomic hand grip
- Insulated DIN rail clips
- Padlockable handle
- Manufactured to IEC 61009-1 standard



MCG
INDUSTRIAL

Includes:

- 1 m Pre-wired neutral and earth cables

MCG Ref	Code	Current Rating
Three Pole C Curve 10 kA - Type A		
6A3P30CTPTP	2579-4571	6A
10A3P30CTPTP	2646-1396	10A
16A3P30CTPTP	2579-4508	16A
20A3P30CTPTP	2579-4517	20A
32A3P30CTPTP	2579-4532	32A
40A3P30CTPTP	2579-4544	40A
50A3P30CTPTP	2579-4556	50A
63A3P30CTPTP	2579-4562	63A

ISOLATION SAFETY EQUIPMENT

Contractor Lockout Kit

Ideal for a contractor working on commercial, industrial or domestic installations and routine maintenance schedules.

Kit contents:

- Red safety padlock [1 key]
- Grip tight MCB lockout [over toggle]
- Grip tight MCB lockout [sideways]
- Plunge MCB lockout [pin-in]
- Plunge MCB lockout [pin-out]
- Universal MCB lockout
- Steel lockout hasp
- 5 x Reusable lockout tags
- 5 x Cable ties
- Non-permanent pen
- Zipped carry bag



Visit cef.co.uk for video demonstration

MCG Ref	Code
MCB-KIT1N	2483-8717

ISOLATION SAFETY EQUIPMENT

Personal Lockout Kit

Kit contents:

- Red safety padlock [1 key]
- Aluminium MCB toggle lockout
- Universal MCB lockout
- Reusable lockout tag
- 5 x Cable ties
- Mini pouch



Visit cef.co.uk for video demonstration



MCG Ref	Code
LOTO KIT B	2483-8705

Domestic Installer Lockout Kit

Kit contents:

- Red safety padlock [1 key]
- Plunge MCB lockout [pin-in]
- Plunge MCB lockout [pin-out]
- Universal MCB lockout
- Steel lockout hasp
- Reusable lockout tag
- Cable tie
- Non-permanent pen
- Mini pouch



Visit cef.co.uk for video demonstration



MCG Ref	Code
LOTO KIT C	2483-8708

Red Safety Padlock

- Nylon bodied with a steel shackle
- High security key cylinder to give over 20,000 differs
- Body and keys identified with unique lock numbers as standard
- Keyed to differ
- Standard safety/owner labelling on both sides
- Durable and lightweight with non conductive lock body



MCG Ref	Code
TT38RED	2483-8735

MCB Toggle Lock Aluminium [Pack of 5]

- Simple yet versatile MCB lockout
- Gives a low profile solution
- Secured via internal grub screw
- Insert a padlock to prevent access to grub screw



MCG Ref	Code
CB12	2483-8696

25mm Steel Lockout Hasp

- Manufactured from steel with a red plastic coated body
- padlocks with a shackle diameter up to 10mm
- Accepts up to 6 padlocks
- Scissor action
- Jaw diameter: 25mm



MCG Ref	Code
MLH5	2483-8720

Universal MCB Lockout [Pack of 1]

- Will lock out many types of miniature circuit breakers
- Locks out 1 to 4 pole circuit breakers
- Made from durable plastic
- Maximum clamping: 8mm
- Padlock hole: 8mm



MCG Ref	Code
UCL1	2483-8738

Reusable Lockout Tags [Pack of 10]

- Manufactured from high impact styrene
- Each tag measures 110mm x 50mm
- Can withstand a multitude of weather and factory conditions

MCG Ref	Code
RPT32AR	2483-8729



Check local branches & online for latest pricing

CONTROL GEAR

415V DOL DC Injection Braking Units



- Start, protect and safely stop standard rotating machines
- Controlled stopping for compliance to PUWER 98
- IP55 dustproof pressed steel enclosure
- Suitable for up to 12 stops per hour
- Compact surface mounting enclosure for easy retrofitting
- Complete with integral start and stop pushbuttons
- Simple braking time and torque settings
- Cannot be used for instant motor stopping applications



MCG Ref	Code	kW Rating	Overload Rating
3DCM1EHS	1033-2955	2.2 kW	4 - 6A
3DCM1EKS	1033-2961	4 kW	7 - 10A
3DCM1ELS	1033-2964	5.5 kW	10 - 13A

25A 415V 3 Phase DC Injection Brake Replacement Module



- Retrofit to integrate into existing controls
- Simple braking time and torque setting
- Direct on line or star delta systems
- Complies with the Health & Safety Commission Approved Codes of Practice (ACoP) guidelines and PUWER 98
- Warranty: 1 Year



- Please note this product alone does not convert a DOL starter or Star Delta starter into a DC Injection Brake starter, other products are required to assist the S10 Brake modules, which do not come with this unit

MCG Ref	Code	kW Rating	Height	Width	Depth
BR011	0577-6315	2.2 kW	81 mm	45 mm	121 mm

Direct On Line Starters [Without Overload]

- Robust, pressed steel enclosure with removable lid and large Start / Stop buttons
- Prewired and tested prior to despatch
- Compatible Crompton overload devices sold separately - see page 10
- Cable entry: Multiple knockouts
- Mounted: Surface
- IP55
- BS EN 60947

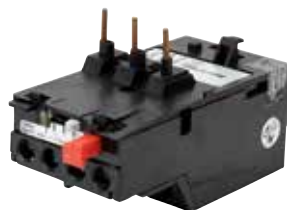


MCG Ref	Code	kW Rating	Voltage	No. of Phases	Compatible Overloads	Full Load Current
Direct On Line Starters without Overload [No Isolator]						
3DL1CZS10	1037-0857	1.5 kW	230V	1	CR09, CR12	12A
3DL1E2S	1033-3060	5.5 kW	400V	3	CR09, CR12	12A

Overloads



- For use with CC range of DOL starters and contactors
- Adjustable overload range
- 1 NO and 1 NC auxiliary as standard
- Red stop plunger and manual reset
- Mounted: Direct to contactor or with mounting bracket – sold separately
- BS EN 60947-4-1



MCG Ref	Code	Overload Rating
Suitable for CC09 - CC32 Contactors		
CR09/4	1033-3333	2.5 - 4A
CR09/6	1033-3339	4 - 6A
CR09/10	1033-3321	7 - 10A
CR12/13	1033-3348	10 - 13A

**Our customers say
we're 'excellent'**

★ Trustpilot ★★★★★ [4.5/5] AS AT 1ST MAR 2025

CONTROL GEAR

Direct On Line Reversing Starters

- Weatherproof IP55
- Pressed steel complete with removable lid
- Standard coil voltages: 50/60Hz
- Built-in forward/stop reset/reverse pushbuttons
- Hand reset thermal overloads
- Number of phases: 3
- HP rating: 2 metric hp
- Pre-wired and tested prior to despatch

MCG Ref	Code	kW Rating	Voltage	Surface Mounting Type	Height	Width	Depth
DOL Reversing Starter with Isolator and 2.5-4A Overload							
3DL2EMI	1033-3075	1.5 kW	400V	3DR	184 mm	184 mm	149 mm
3DL1EGS	1033-3033	1.5 kW	415V	3DL	174 mm	104 mm	134 mm
3DR1EGI	1033-3171	1.5 kW	400V	3DR	184 mm	284 mm	149 mm



1033-3033

SWITCHGEAR

AC1 Enclosed Heating and Lighting Contactors

- Ideal for heating and lighting applications
- 220/240V 50Hz coil fitted as standard
- Robust RAL7035 finished IP55 pressed steel enclosure
- Top and bottom cable gland knockouts
- Designed for two wire control i.e. time switch, thermostat, sensor or other remote controls

MCG Ref	Code	kW Rating	Height	Width	Depth
110A AC1 Triple Pole Enclosed Heating and Lighting Contactor					
BCGHT6S	0013-4644	26 kW	305 mm	285 mm	159 mm
BCGHT3S	0013-4638	9kW	184 mm	184 mm	149 mm
25A AC1 Four Pole an Neutral Enclosed Heating and Lighting Contactor					
3ENC4/25N	2077-3264	6 kW	184 mm	184 mm	149 mm



0013-4638

METAL ENCLOSURES & ACCESSORIES

Sheet Steel Enclosures with Mounting Plates IP65

- Galvanised sheet steel enclosure with polyurethane gasket
- Recessed gland plate, top or bottom, and reversible door with T-bar lock
- KEMA Certification
- BS EN 60529

MCG Ref	Code	Height	Width	Depth
M32150	1434-9439	300 mm	200 mm	150 mm
M33150	1434-9442	300 mm	300 mm	150 mm
M43150	1434-9451	400 mm	300 mm	150 mm
M33200	1434-9445	300 mm	300 mm	200 mm
M34200	1434-9448	300 mm	400 mm	200 mm
M43200	1434-9454	400 mm	300 mm	200 mm
M44200	1434-9457	400 mm	400 mm	200 mm
M54200	1434-9460	500 mm	400 mm	200 mm
M64200	1367-5453	600 mm	400 mm	200 mm
M65200	1434-9466	600 mm	500 mm	200 mm
M66200	1434-9469	600 mm	600 mm	200 mm
M86200	1434-9472	800 mm	600 mm	200 mm

Includes:

- Zinc plated backplate [2 mm]
- Mounting kit
- Key



1434-9439

1367-5453

1434-9472



Check local branches & online for latest pricing

METAL ENCLOSURES & ACCESSORIES

Steel Enclosure with Mounting Plate IP66

- Galvanised sheet steel
- Supplied with Zinc plated metal mounting plate (2mm)
- Mounting kit and key included
- Epoxy powder coated RAL 7035
- Recessed gland plate, top or bottom
- Reversible door hanging
- Polyurethane gasket
- Standard T-bar lock
- Complies to IEC 60529



MCG Ref	Code	Height	Width	Depth
M108300	1434-9436	1000 mm	800 mm	300 mm

Replacement T-Bar Lock

- Designed for use with the MCG Industrial range of sheet steel enclosures
- Simple to use T-bar locking handle
- BS EN 60529



MCG Ref	Code
MLOCK	1367-5456

Stainless Steel Enclosures IP66

- AISI 304L Grade Stainless Steel
- Polyurethane Gasket
- Stainless Steel Lock
- Compliance to IEC 60529



Includes:

- Reversible Door
- Zinc Plated Mounting Plate included - 2mm [not fitted, supplied loose]
- Key

MCG Ref	Code	Height	Width	Depth
S32150	1367-5459	300 mm	200 mm	150 mm
S33150	1434-9475	300 mm	300 mm	150 mm
S43200	1434-9478	400 mm	300 mm	200 mm

PLASTIC ENCLOSURES & ACCESSORIES

Empty Enclosures IP66

- Screw-on flat lid
- Plain sides



MCG Ref	Code	Colour	Length	Width	Depth
Stainless Steel Screws					
005.PL BLACK	2094-6730	Black	100 mm	100 mm	50 mm
005.PL	1868-7337	Grey	100 mm	100 mm	50 mm
006.PL	2095-3093	Grey	100 mm	100 mm	70 mm
008.PL	1866-0130	Grey	110 mm	150 mm	70 mm
009.PL	1900-2097	Grey	145 mm	190 mm	72 mm
010.PL	1868-7352	Grey	190 mm	243 mm	90 mm
Nylon Screws					
012.A.PL	1829-8504	Grey	220 mm	300 mm	120 mm
014.A.PL	1868-7364	Grey	300 mm	376 mm	120 mm

Plastic Adaptable Box with Clear Lid IP66

- Blank modular sides
- Sealable
- UV stabilised



MCG Ref	Code	Colour	Length	Width	Depth
Clear Cover with Nylon Screws					
010.A.PK	1868-7346	Grey	190 mm	238 mm	90 mm

Plastic DIN Rail Enclosures IP65

- Manufactured from tough, flame retardant ABS
- Multiple knockouts for cable entry
- Snap closing top hinged, tinted front window
- Will fit a range of modular devices
- BS EN 60529



Includes:

- DIN rail

MCG Ref	Code	No. of Modules	Height	Width	Depth
940.02	1868-7433	2	156 mm	102 mm	100 mm
92.04	1868-7415	5	158 mm	118 mm	92 mm
92.08	1868-7418	8	158 mm	200 mm	92 mm
92.12	1868-7421	12	200 mm	250 mm	110 mm

Over 390 branches nationwide

There's always a branch near you



ACCESSORIES - PLASTIC GLANDS

Nylon Glands with Locknut IP68



- For use with round cable only
- Supplied with washer and locknut
- Operating temperature: -40 to 100°C [intermittent to 120°C]
- BS EN 62444

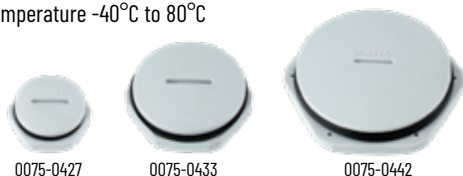


MCG Ref	Code	Thread Size	Colour	Cable Size Ø	Pack
M16GB	0070-2517	16 mm	Black	4 - 8 mm	10
M16G	0013-6681	16 mm	Grey	4 - 8 mm	10
M20GB	0070-2535	20 mm	Black	6 - 12 mm	10
M20G	0013-6687	20 mm	Grey	6 - 12 mm	10
M20GR	0070-2538	20 mm	Red	6 - 12 mm	10
M20GW	0070-2541	20 mm	White	6 - 12 mm	10
M20GSL	2293-1050	20 mm	Grey	6 - 12 mm	10
M20GSLB	2293-1053	20 mm	Black	6 - 12 mm	10
M20GSLW	2293-1056	20 mm	White	6 - 12 mm	10
M20GWL	2293-1059	20 mm	White	6 - 12 mm	10
M20GWLB	2293-1062	20 mm	Grey	10 - 14 mm	10
M20GWLW	2293-1065	20 mm	White	10 - 14 mm	10
M25GB	0070-2553	25 mm	Black	13 - 18 mm	10
M25G	0013-6699	25 mm	Grey	13 - 18 mm	10
M25GR	0070-2556	25 mm	Red	13 - 18 mm	10
M25GW	0070-2559	25 mm	White	13 - 18 mm	10
M32GB	0070-2571	32 mm	Black	16 - 21 mm	10
M32G	0013-6705	32 mm	Grey	16 - 21 mm	10
M32GR	0070-2574	32 mm	Red	16 - 21 mm	10
M32GW	0070-2577	32 mm	White	16 - 21 mm	10
M32GWL	2293-1068	32 mm	Grey	18 - 25 mm	10
M32GWLB	2293-1071	32 mm	Black	18 - 25 mm	10
M40G	0070-2589	40 mm	Grey	22 - 32 mm	1
M50G	0260-9725	50 mm	Grey	32 - 38 mm	1
M63G	0260-9731	63 mm	Grey	37 - 44 mm	1

Blanking Plugs IP68



- Nylon plastic construction
- Ambient temperature -40°C to 80°C



0075-0427

0075-0433

0075-0442

MCG Ref	Code	Thread Size	Colour	Pack
M20BP	0075-0427	20 mm	Grey	1
M25BP	0075-0430	25 mm	Grey	1
M32BP	0075-0433	32 mm	Grey	1
M40BP	0075-0436	40 mm	Grey	1
M50BP	0075-0439	50 mm	Grey	1
M63BP	0075-0442	63 mm	Grey	1



Check local branches & online for latest pricing

SWITCHGEAR ISOLATOR SWITCHES

Enclosed Rotary Isolators IP65



- Flame retardant ABS plastic
- Easy access and switch removal
- Current rating: AC21 [resistive loads]
- Padlockable in the Off position
- Cable entry: 20 mm[Ø] Knockouts
- Mounted: Surface
- BS EN 60947-3



MCG Ref	Code	Current Rating	Height	Width	Depth
3 Pole					
SMI20-3	0576-1585	20A	125 mm	100 mm	74 mm
SMI32-3	0433-2007	32A	125 mm	100 mm	74 mm
SMI40-3	1462-6486	40A	125 mm	100 mm	74 mm
SMI63-3	0433-2019	63A	175 mm	125 mm	90 mm
4 Pole					
SMI20-4	0576-1588	20A	125 mm	100 mm	74 mm
SMI32-4	0433-2013	32A	125 mm	100 mm	74 mm
SMI32-4L	1462-6471	32A	175 mm	125 mm	90 mm
SMI40-4	1462-6492	40A	125 mm	100 mm	74 mm
SMI63-4	0433-2025	63A	175 mm	125 mm	90 mm
SMI100-4	1462-6426	100A	280 mm	190 mm	130 mm

DC Enclosed Rotary Isolator IP66



- Easy access and switch removal
- Suitable for photovoltaic - isolators, inverter applications, DC solar pumps
- Padlockable in the Off position
- Cable entry: 20 mm[Ø] Knockouts
- Mounted: Surface
- BS EN 60947-3



MCG Ref	Code	Current Rating	Height	Width	Depth
4 Pole					
SMI16-4DC	2781-7849	20A	160 mm	100 mm	74 mm
SMI20-4DC	2781-7852	25A	160 mm	100 mm	74 mm
SMI25-4DC	2781-7855	16A	160 mm	100 mm	74 mm
SMI32-4DC	2781-7858	40A	160 mm	100 mm	74 mm

230V Fireman's Switch IP65



- Die-cast aluminium enclosure
- Side-operated handle
- Operates with fireman hook or axe - down for OFF
- Two handed switch ON
- 2 pole 230V AC22A
- 2 x M25 gland entries top and bottom
- IK09



MCG Ref	Code	Current Rating	Height	Width	Depth
2 Pole					
FMS 25/2	2296-2532	25A	130 mm	111 mm	60 mm

SWITCHGEAR - ROLLER DOOR SWITCHES

Roller Shutter Door Key Switches

- Tough aluminium enclosure
- Three position spring return to centre action
- Mounted: Surface
- BS EN 60947
- IP54



Includes:

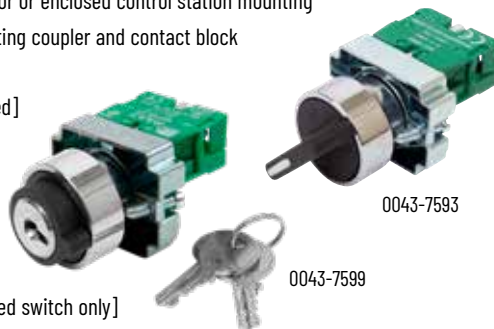
- Contact blocks
- 3 x Keys

MCG Ref	Code	Current Rating	Height	Width	Depth
ROLLER16A	1442-5999	16A	73.5 mm	73.5 mm	45 mm
ROLLER32A	1442-6005	32A	75 mm	75 mm	66 mm

SWITCHGEAR - STAY & KEY SWITCHES

10A Switches IP65

- Suitable for panel door or enclosed control station mounting
- Complete with mounting coupler and contact block
- Cut out: 22.5 mm[Ø]
- IP65 [when assembled]
- BS EN 60947-5-1



Includes:

- 2 x Keys [key operated switch only]

MCG Ref	Code	No. of Positions	Contact Configuration	Operation
Key Operated Switch				
S2PK 10	0043-7599	2	1 NO	Stay Put
Rotary Selector Switches				
S2P 10	0043-7593	2	1 NO	Stay Put
S3P 20	0043-7605	3	2 NO	Stay Put

CONTROL GEAR - PUSHBUTTON STATION & BUTTONS

Emergency Stop Twist Release Enclosed Pushbutton Stations IP65

- Snap closing tinted door
- Blank sides
- Surface mounting
- Pre-assembled complete with contact block
- Number of Ways: 1
- Contact Configuration: 1 NC



MCG Ref	Code	Operation	Height	Width	Depth
PBS1 ES/FLAP	0915-9670	Twist Release	156 mm	102 mm	100 mm
PBS1 ESK/FLAP	0915-9673	Key Release	151 mm	103 mm	104 mm

Made Up Pushbutton Stations IP65

MCG
INDUSTRIAL

- Pre-assembled pushbutton stations complete with contact block
- 10A at 230V AC, 3A at 24V DC
- Mounted: Surface
- BS EN 60947-5-1



Includes:

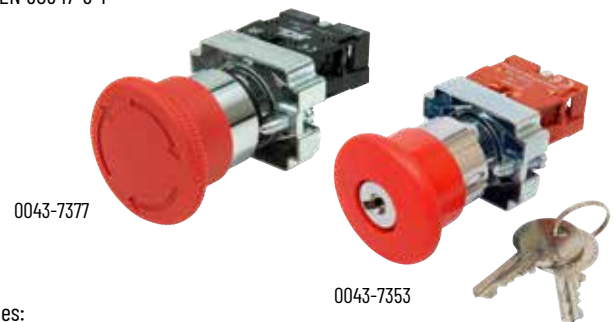
- 2 x Keys [key operated switch only]

MCG Ref	Code	Contact Configuration	Operation
Plastic			
PBS1 ES	0013-6954	1 NC	Emergency Stop, Twist Release
PBS1 ESK	0013-6960	1 NC	Emergency Stop, Key Release

10A Emergency Stop Pushbuttons IP65

MCG
INDUSTRIAL

- Suitable for panel door and enclosed control station mounting
- Mushroom head
- Complete with mounting coupler and contact block
- Cut out: 22.5 mm[Ø]
- IP65 [when assembled]
- BS EN 60947-5-1



Includes:

- 2 x Keys [0043-7353] only

MCG Ref	Code	Contact Configuration	Operation
ETR 01	0043-7377	1 NC	Twist Release
EKR 01	0043-7353	1 NC	Key Release
ETR 10	0733-3258	1 NO	Twist Release

Branch opening hours

Mon-Fri 7:30-5:30 Sat 8:30-12:00

[local exceptions may apply]

CONTROL GEAR - PUSHBUTTON STATION & BUTTONS

3 Way Up / Stop / Down Pushbutton Station IP65



- Compact dimensions
- Numerous cable entries
- Surface mounting
- Pre-assembled complete with contact blocks
- Number of Ways: 3
- Contact Configuration: 2 NO 1 NC



MCG Ref	Code	Operation	Height	Width	Depth
PBS3 USD	0013-7014	Momentary	134 mm	68 mm	51 mm

SWITCHGEAR - SWITCHED INTERLOCKS

110V Interlocked Switched Socket IP44



- Corrosion and impact-resistant thermoplastic
- Padlockable rotary switch
- Operating temperature: -25 to 40°C
- IIEC 60309-1, 2 and 4



MCG Ref	Code	Current Rating
2P+E 3 Pin		
CX163P110SIS	1453-9162	16A

230V Interlocked Switched Sockets IP44



- Corrosion and impact-resistant thermoplastic
- Padlockable rotary switch
- Operating temperature: -25 to 40°C
- IEC 60309-1, 2 and 4



MCG Ref	Code	Current Rating
2P+E 3 Pin		
CX163P240SIS	1453-9165	16A
CX323P240SIS	1453-9174	32A

415V Interlocked Switched Sockets IP44



- Corrosion and impact-resistant thermoplastic
- Padlockable rotary switch
- Operating temperature: -25 to 40°C
- IEC 60309-1, 2 and 4



MCG Ref	Code	Current Rating
3P+E 4 Pin		
CX164P415SIS	1453-9168	16A
CX324P415SIS	1453-9177	32A
3P+N+E 5 Pin		
CX165P415SIS	1453-9171	16A
CX325P415SIS	1453-9180	32A

10A Standard Pushbutton Switches IP65



- Suitable for panel door or enclosed control station mounting
- Switch operation: Momentary
- Complete with mounting coupler and contact block
- Cut out: 22.5 mm[Ø]
- IP65 [when assembled]
- BS EN 60947-5-1



0043-7587



0043-7395

MCG Ref	Code	Colour	Contact Configuration
GPB 10	0043-7395	Green	1 NO
RPB 01	0043-7587	Red	1 NC

CONTROL GEAR - PILOT LAMPS

LED Indicators IP65



- High-visibility LED
- Flame retardant ABS
- Vibration resistant
- Cut out: 22.5 mm[Ø]
- Ambient temperature: -5 to 40°C
- Lamp life: 30,000 hrs
- BS EN 60947



0055-6987



0055-6996

MCG Ref	Code	Colour	Voltage Rating
PL22-240G	0055-6987	Green	230V AC
PL22-240R	0055-6996	Red	230V AC



Check local branches & online for latest pricing

CABLE MANAGEMENT

Polypropylene Contractor Packs

- Self-extinguishing, low smoke and fume
- UV Stabilised
- Temperature range: 0 - 95°C
- IP51
- BS 4607

Pack contents:

- 10 m Conduit
- 10 x Glands and locknuts



MCG Ref	Code	Ø	Colour
N20/10MCP	0013-6879	20 mm	Black
N20/10MCPW	1728-0337	20 mm	White
N25/10MCP	0013-6885	25 mm	Black
N25/10MCPW	1728-0346	25 mm	White

PVC Covered Steel Contractor Pack

- Highly flexible galvanised steel conduit with a PVC coating
- Crush resistant
- Temperature range: -40 to 90°C
- BS EN 61386

Pack contents:

- 10 m Conduit
- 10 x Fixed glands



MCG Ref	Code	Ø
GSF20/10MCP	2199-3040	20 mm

PVC Covered Steel Contractor Pack

- Highly flexible galvanised steel conduit with a PVC coating
- Crush resistant
- Temperature range: -40 to 90°C
- BS EN 61386

Pack contents:

- 10 m Conduit
- 10 x Swivel glands



MCG Ref	Code	Ø
GSF20/10MCPS	2233-7452	20 mm

Flexible Conduit Clips

- Plated steel fixing p-clip with a PVC liner
- Temperature range: -25 to 90°C



MCG Ref	Code	Ø
PCLIP20	2793-5449	20 mm

PVC Covered Steel Contractor Pack

- Highly flexible galvanised steel conduit with a PVC coating
- Crush resistant
- Flammability to CEI 23-14/V-1971 with 10 second flame resistance
- Temperature range: -15 to 80°C
- IP55
- BS EN 61386

Pack contents:

- 10 m Conduit
- 10 x Fixed glands and collars
- 10 x Locknuts



MCG Ref	Code	Ø
GSF25/10MCP	2793-5431	25 mm

Steel Contractor Packs

- Highly flexible galvanised steel conduit
- Crush resistant
- Low fire hazard
- Temperature range: -50 to 300°C
- IP40
- BS EN 61386

Pack contents:

- 10 m Conduit
- 10 x Fixed glands and collars
- 10 x Locknuts



MCG Ref	Code	Ø
GSFB20/10MCP	2793-5434	20 mm
GSFB25/10MCP	2793-5437	25 mm

Liquid Tight PVC Covered Steel Flexible Conduit - GSFLT Range

- Liquid tight covered steel
- High flexibility
- Crush resistant
- Temperature range: -40 to 90°C
- IP Rating dependent on fittings used
- EN 61386



MCG Ref	Code	Ø	Length
GSFLT20/10M	2793-5443	20 mm	10 m

Liquid Tight Conduit Gland - GSFLT Range

- For GSFLT liquid tight PVC covered steel conduit
- Nickel plated brass
- IP68
- EN 61386

Includes:

- Locknut



MCG Ref	Code	Ø
Fixed		
GSFLT20	2793-5440	20 mm

SITE LIGHTING

LED Rechargeable Floodlights with Power Bank

- Tough polycarbonate housing and arm with strong magnetic body
- 50% and 25% Dimmable function
- Power bank function for your USB devices
- Run time: 3 hrs [12 hrs low power]
- Lumen outputs [10W]: 800 lm
[200 lm low power]
[20W]: 1,600 lm
[400 lm low power]
- Beam angle: 120°
- Colour temperature: Daylight 6500K
- Lamp life: 25,000 hrs
- IP54
- Guarantee: 1 Year

- Includes:
- Micro USB cable
 - Rechargeable battery: Li-Ion

MCG Ref	Code	Wattage	Run Time	Lumens
CXFLR10	2704-3093	10W	3 hrs	800 lm
CXFLR20	2704-3099	20W	3 hrs	1600 lm



Visit cef.co.uk for video demonstration **Power bank function**

The CEF Trade App

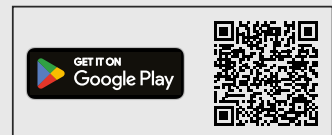
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