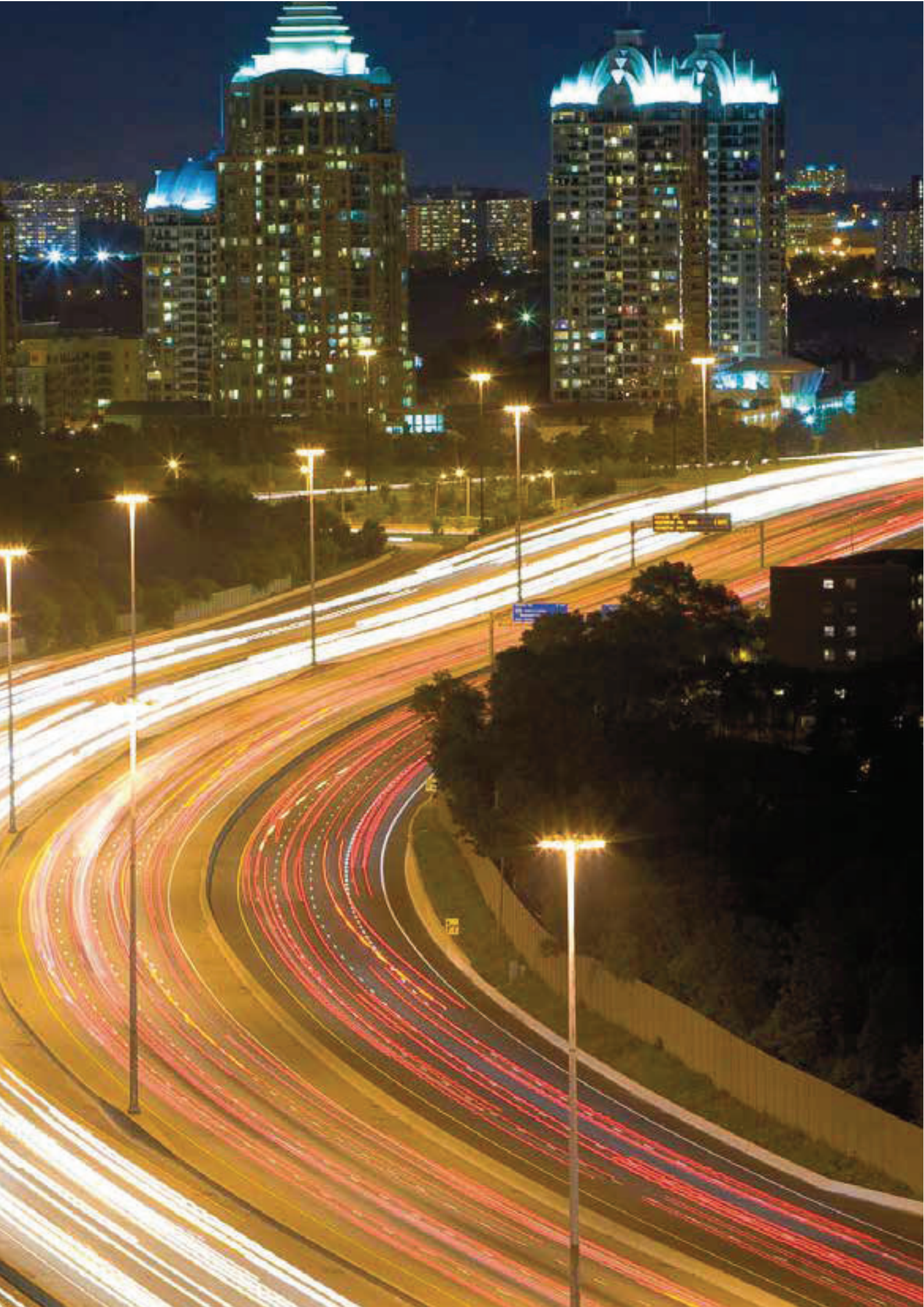


# ACCESSORIES

BEI stocks an extensive range of accessories available ex-stock for immediate delivery. These include; Cut Out Fuses, Feeder Pillars, In-Ground Distribution Units, Photocells, Lighting Controls and Column Keys.









Royce Thompson continue to lead the way with our range of Photo Electric Controls utilising the Patented ASIC device, which incorporates 'Oasis' embedded photo diode and 'state machine' with patented synchronous switching.



### Oasis 1000

The Oasis 1000 one part photocell is designed for street lighting applications where a high level of performance and reliability is required but with adherence to budgetary constraints.



### Oasis 2000

The Oasis 2000 premium one part photocell, with integral microprocessor based control, is the optimum photocell available for applications where switching accuracy, reliability and long service life are critical.



### Microstar 2000

The Microstar 2000 miniature photocell offers the same outstanding microprocessor controlled performance as our Oasis 2000 premium one part photocell, but in a compact, durable polycarbonate casing.



### RotaLoc Wall Bracket

Provides a robust mounting bracket for a RotaLoc NEMA base. Supplied as standard without RotaLoc NEMA base.



### P12RE

The P12RE remote detector photocell is specifically designed for street and amenity lighting applications requiring a high level of accuracy and reliability combined with low power consumption.



### P42E

The P42E remote detector photocell is specifically designed for street and amenity lighting applications requiring a high level of accuracy and reliability combined with low power consumption.



### ER4N

The ER4N remote detector photocell is specifically designed for street and amenity lighting applications requiring a high level of accuracy and reliability combined with low power consumption.



### Astro Nova City

The Astro Nova City astronomic time switch is perfect for lighting control applications where switching to a fixed time or astronomic time schedule is required.

# Photocells

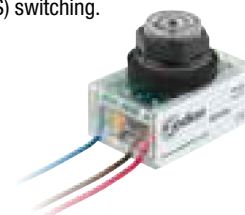
## Street lighting control

Designed to meet the ever-increasing demand for innovation, the Zodion range of photocells units combine load handling capability with advanced functionality. Demonstrating outstanding performance year in and year out, Zodion photocells react with great sensitivity to any light changes. Highly cost-effective and exceptionally efficient, Zodion photocells save money and precious resources through ultra-precise switching.



### SS3/SS6/SS9

Fully interchangeable with conventional all-night photocells and easily fitted, Lucy part-night photocells eliminate the need for all time clocks and other real-time devices. In the case of a power failure, the unit recalibrates itself automatically – no attention is needed. Lucy photocells are available with a standard NEMA base or a conduit mounting. Both versions are available set to GMT part-night switching or with automatic GMT/BST (DLS) switching.



### SS12A / SS12HT / SS12HD / SS12R

This range of highly effective miniature photocells includes a special lens arrangement developed to maximise acceptance angle, improving accuracy and consistency of switching. The range uses superior quality components throughout, and includes a predictive load transfer switching algorithm to minimise switching stresses. The range includes heavy-duty switching versions and units designed for long-life or operation at high temperatures.

# titan

## Street lighting cut outs

The Titan2 Cut out is supplied as standard with many class-leading features that make the installer's task considerably easier. Take for instance the cam lever handle that enables effortless release of the fuse carrier in one movement or the generous cabling space to terminate a wide variety of conductor types and sizes. Where dual or triple entries are required, a choice of either insulated or brass gland plates is available, the latter being specifically provided for the termination of SWA cables. High quality engineering thermoplastics make the Titan2 range the ideal choice to withstand heavy use in demanding locations.



12

# Fortress

## Feeder Pillar Shells

The Fortress pillar range from Lucy Zodion is the UK's most popular range of pillars for street lighting and exterior power applications. The range includes mini, slimline, single and double door. All of which are available in a range of materials and finishes to suit any application.



MINI SERIES	4810	4811	4812	4813	4814	4815	4816
Nominal Size in inches (WxD)	4x4	6x4	6x6	8x6	10x6	14x6	19x10
Height Above Ground	785	785	785	785	785	985	1000
Root Section (R)	300	300	300	300	300	300	300
Width (W)	113	163	163	213	265	365	503
Depth (D)	120	120	170	170	170	170	250
Door Opening Height (DH)	510	510	510	510	510	710	800
Working Depth (WD)	85	85	130	130	130	130	199
Backboard Size (WxH)	90x500	140x500	140x500	190x500	240x500	345x700	480x780
Weight (Kg)	11	14	16	19	22	32	47
SINGLE DOOR	05	06	08	09	10	12	
Height Above Ground	791	636	836	1088	1194	1294	
Root Section (R)	350	300	300	350	350	350	
Width (W)	310	400	600	661	800	1100	
Depth (D)	220	180	250	281	350	400	
Door Opening Height (DH)	585	410	610	860	907	1007	
Door Opening Width (DW)	200	300	500	550	700	1000	
Working Depth (WD)	170	155	225	225	325	375	
Backboard Size (WxH)	650x300	390x475	590x675	640x930	790x975	1080x1075	
Weight (Kg)	36	42.5	71.5	84	108	142	

DOUBLE DOOR	14	16	18	20	22	24	26	28	30
Height Above Ground	1300	1300	1300	1300	1600	1600	1600	1600	1600
Root Section (R)	380	380	380	380	380	380	380	380	380
Width (W)	1250	1500	1750	2000	1250	1500	1750	2000	2250
Depth (D)	450	450	450	450	450	450	450	450	450
Door Opening Height (DH)	980	980	980	980	1280	1280	1280	1280	1280
Door Opening Width (DW)	1148	1398	1648	1898	1148	1398	1648	1898	2148
Working Depth (WD)	375	375	375	375	375	375	375	375	375
Backboard Size (WxH)	1225x1085	1475x1085	1725x1085	1975x1085	1225x1385	1475x1385	1725x1385	1975x1385	2225x1385
Weight (Kg)	176	202	234	266	201	231	269	305	343

OPTIONS							
A	INTERNAL GLAND PLATE	E	HASP & STAPLE	I	LIGHTING KIT	PW	PRE-WIRED
B	IN FILL PANEL FOR ROOT SECTION (STANDARD COLOUR) BLACK	G	HEATER KIT	J	DOCUMENT POCKET	SL	SPECIAL LOCKS
D	YALE LOCK	H	13amp SOCKET KIT	SS	STAINLESS STEEL		



# Westminster

## In-Ground Distribution Unit

The NEW Westminster range of In-Ground distribution units from Lucy Zodion is the ideal solution when discreet, on-demand power is required for urban schemes, markets, shopping centres, stations, workshops and event spaces.



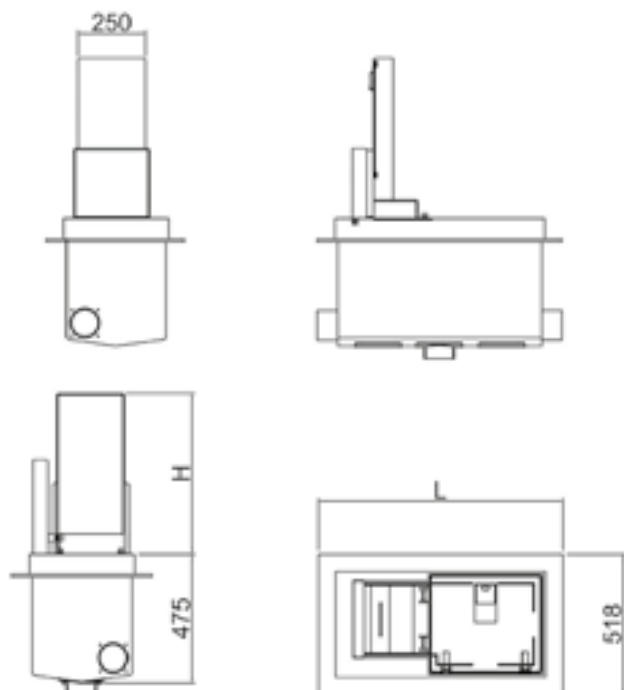
### SPECIFICATION

- Hot Dip Galvanised Steel construction (BS EN:1461)
- Lid lift assist
- Standard configurations: 2 / 3 / 4 / 5x outlets
- 110/240V AC variants
- 16A, 32A and 63A RCBO protected outlets
- Electrical components protected to IP67
- Positive drainage spigots
- 50mm recess in lid for paviour infill

### OPTIONS

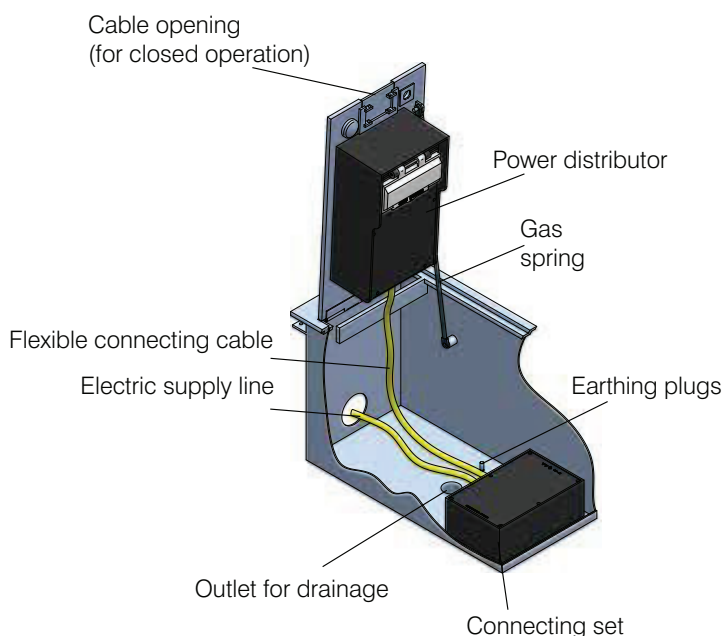
- Single-phase 110V AC
- 3-phase (415V AC)
- Lid safety disconnect
- Data / Water / Air Outlets

DIMENSIONS (mm)	OUTGOING WAYS	
	2-4	5
Length	905	1035
Width	518	518
Tube height	475	474
Raised Height	590	720
Raised Width	275	275



# Underfloor Distributors

Electrical power is quickly available anywhere and without time-consuming installation work! As with all of our products, we attach great importance to high-quality components and manufacturing. Only solid rubber distributors made in-house, with their outstanding material properties, are used.



## SPECIFICATION

- Sturdy, easy to use and safe in operation
- Can be walked or driven over even during operation
- Integrates perfectly into its surroundings with customisable filling options
- Secured against unauthorised opening (vandal-proof) and lockable
- Easy and quick opening and closing, supported by gas springs
- Frost-proof operation thanks to cover heating
- The solid rubber distributor guarantees optimum operating with no formation of condensation
- Resistant to environmental influences
- Stainless steel construction, all metal parts made from V2A with cathodic dip coating
- Visible reflectors on the opened cover system
- Distributor fastening on the underside of the cover



The CEL range of feeder pillars has been tried and tested in an extensive variety of applications and conditions to prove their durability against the elements and the rigours of all urban and rural environments. CEL provides one of the most comprehensive ranges of feeder pillars, both shells and pre-wired with distribution equipment, in the UK market, with a range of sizes and options to suit a wide variety of applications.



#### SPECIFICATION

- Constructed from 3mm steel plate hot dipped galvanised to BSEN ISO 1461
- Powder coated finish also available
- 12mm external grade plywood fully treated backboard
- Fitted with cast stainless steel block hinges
- Hinged door with IP55 seal for improved ingress protection
- Recessed Door
- Fitted with twin tri-head locks
- Alternative locks available
- Detachable root
- Heritage option available

BDP SERIES		External Dimensions (mm)					Backboard		Working Depth	Door Aperture		Weight
Ref		H	W	D	R	O/AH	H	W		H	W	Kg
BDP50		750	250	150	300	1050	650	230	130	550	144	24
BDP60		850	350	225	300	1050	750	330	205	650	244	26
BDP70		950	450	250	300	1250	850	430	230	750	344	47
BDP80		1050	550	275	300	1350	950	530	255	850	444	60
BDP90		1150	650	300	300	1450	1050	630	280	950	544	75
BDP100		1250	800	325	300	1550	1150	780	305	1050	694	102
BDP03		770	700	210	250	1020	685	685	190	600	594	61
FP2		710	450	250	300	1010	590	430	230	490	345	45

## Street Lighting Cut Outs

The Charles Endirect range of cut outs has been designed for strength, durability, ease of installation and to meet the full requirements of BS 7654. The range features a secure and quick release carrier to provide safe and easy access to fuses and outgoing terminals. Three sizes are available – miniature HLX25, standard FD150 and universal FD200, all of which are double pole with the FD200 series having capacity for 2 fuses with a 3 phase option. All of these cut outs accept fuses to IEC269-1 and BS88 pt 1 – AC19 Tag Type (LST).







Part No	Description	Details	Used on	Part No	Description	Details	Used on
6002	Small 6mm Tri Head Key		Bollards, Control Panels, Flasher Units etc...	6015	Thorn Type Off Set Pin Key		Thorn Type Offset Pin Door Locks
6020	Standard 8mm Tri Head Key		8mm Tri Head Screws, Bolts & Locks etc...	6028	Diamond Engineering Offset Subway Door Pin Key		Diamond Engineering Subway Doors
6004	Large 10mm Tri Head Key		10mm Tri Head Screws, Bolts & Locks etc...	6007	Drop Latch Key		Drop Latch Door Locks
6022	Small 6mm A/F Anti Vandal Key		6mm A/F Anti Vandal Bolts, Locks & Screws etc...	6024	Design Plan Type Screwdriver Key		Design Plan Type Screws
6036	Medium 8mm A/F Anti Vandal Key		8mm A/F Anti Vandal Bolts, Locks & Screws etc... PDE M8 A/V Screws	6008	Slotted Key for Elco Type Columns		Elco Type Column Door Locks
6021	Large 10mm A/F Anti Vandal Key		10mm A/F Anti Vandal Bolts, Locks & Screws etc... PDE A/V Pilar Locks	6006	Two Prong Spade Key		Revo Type Brass Head Bolt
6001	Lucy & GEC Type Key		1/4" Turn Lock Assemblies, Lucy & GEC Type Locks	6023	Stewart & Lloyd Type Key		Stewart & Lloyd Type Column Door Locks
6005	Tapered Square Drive Key (Also known as a Carriage) From 1/4" A/F (6mm) To 3/8" A/F (9mm)		Square Drive Locks or Slam Locks	6017	Two Prong Key		Two Prong Key Locks
6016	Shouldered Square Drive Key		Square Drive Locks	6061	1/2" Square Key		Square Door Locks

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