

unican digital locks see separate list for prices and discounts

5000 series



Extra Heavy Duty
Ansi 156.2 Grade 1 Certified
3 hour UL/ULC Fired Door rating
Complies with Americans with Disabilities Act
Internal drive parts in cast Stainless Steel
High Usage
Key Override as Standard
Choice of Best or Kaba Override Cylinders
Deadlocking Cylinder Latch
Lever Handle
Non handed
35 to 57mm (1 3/8" to 2 1/4") Door Thickness
70mm (2 3/4") Backset
Lifetime Satin and Bright Brass Finishes
Simple on-door code change

Satin Chrome - Best Cyl.
Bright Brass - Best Cyl.
Satin Chrome - Kaba Cyl.
Bright Brass - Kaba Cyl.

SU-5000B-SC
SU-5000B-PB
SU-5000K-SC
SU-5000K-PB

e-plex



Simple to install, use and maintain
Requires no wire through the door
100 Access Codes
Extensive Audit Trail
Programmable Passage Mode
Optional easy-to-use Microsoft Excel based software
Three year warranty from lock activation date
ANSI/BHMA grade 1 compliant
Satin Chrome, Satin and Bright Brass, Black and Duranodic finishes available
User access codes can be set from four to eight digits

Satin Chrome
Satin Brass
Bright Brass
Black
Duranodic

SU-EPLEX-SC
SU-EPLEX-SB
SU-EPLEX-PB
SU-EPLEX-BLK
SU-EPLEX-DUR

100/200 series



Light Commercial & Residential Lock
All Metal Cast Front
Force-proof Clutch Thumbturn
Optional Manual Deadbolt or Auto
Deadlocking Latch Option
35 to 54mm (1 3/8" to 2 1/8") Door Thickness
Backset 65mm (2 9/16") Out-swing Doors
Backset 64mm (2 1/2") In-swing Doors
Field Reversible Handing, Invert Lock for RH Doors
Satin Brass (SB) or Satin Chrome (SC)
Finish
Various Options inc Surface Strike, Panic Bar Release etc
Simple on-door code change

Springlatch SC (35 - 38mm doors)
Springlatch SC (44 - 54mm doors)
Springlatch SB (44 - 54mm doors)
Deadlocking Latch SC Key Bypass
Rim Deadbolt SC

SU-NL100-SC
SU-NL200-SC
SU-NL200-SB
SU-NLM200-SC
SU-DL200-SC

7000 series



Light Commercial & Residential Lock
All Metal Cast Front
Force-proof Clutch Thumbturn
Optional Manual Deadbolt or Auto
Deadlocking Latch
Optional Deadlocking Rim Night-latch
Backset 60 or 70mm (2 3/8" or 2 3/4")
35 to 57mm (1 3/8" to 2 1/4") Door Thickness
Non Handed
Satin Chrome and Bright Brass (Not 7006)
Optional Powder Paints
Simple on-door code change

Deadlocking Latch PB
Deadlocking Latch SC
Rim Deadlocking Latch Black
Rim Deadlocking Latch SC
7000 Series Latch Only SC

SU-7004-03
SU-7004-26D
SU-7006-19D
SU-7006-26D
SU-7000L-

1000 series

L1000



Heavy Duty - Ansi 156.2 Grade 1
High Usage
Optional Passage set
Optional Key Override
Optional Lockout
Deadlocking Cylinder Latch
Lever Handle
Factory Handed Non-Field Reversible
70mm (2 3/4") Backset
35 to 57mm (1 3/8" to 2 1/4") Door Thickness
Satin or Bright Chrome and Brass finishes
ADA Compliant
Simple on-door code change

LH Mechanical Pushbutton Lock SC
With Key Override SC
LH Passage Feature SC
LH Passage Feature with Key Override SC
RH Mechanical Pushbutton Lock SC
RH With Key Override SC
RH Passage Feature SC
RH Passage Feature with Key Override SC

SU-LL1011-26DLH
SU-LL1021-26D
SU-LL1031-26D
SU-LL1041-26D
SU-LR1011-26D
SU-LR1021-26D
SU-LR1031-26D
SU-LR1041-26D

E1000



Heavy Duty - Ansi 156.2 Grade 1
High Usage
Optional Key Override
Deadlocking Cylinder Latch
Knob Handle
Non-Handed Field Reversible
70mm (2 3/4") Backset
35 to 57mm (1 3/8" to 2 1/4") Door Thickness
Bright Brass and Satin Chrome finishes
Simple on-door code change

Mechanical Pushbutton Lock PB
Mechanical Pushbutton Lock SC
With Key Override Feature SC
Passage Feature SC
Passage Feature with Key Override PB
Passage Feature with Key Override SC
127mm Backset Latch Extension
95mm Backset Latch Extension
Wrap Around Plate SCP

SU-1011-03
SU-1011-26D
SU-1021-26D
SU-1031-26D
SU-1041-03
SU-1041-26D
SU-1000-19
SU-1000-21
SU-1000-23

scheduler

dadaluminium

aluminium

stainless steel

nylon

brass

less able

anti ligature

door controls

panic hardware

hinges

locks

access control

signage

fireseals

general ironmongery

domestic safety

mailboxes

trilogy DL3500 see separate list for prices and discounts



300 User codes: Master, Manager, Supervisor & Basic Users
Weatherproof and operate from -29° to +66° C
Keypad or Windows PC-Programmable
Real time clock enables up to 500 scheduled events
Automatic daylight savings adjustment
40,000 Event Audit Trail provides a printed time/date-stamped log of all activity
Audit Trail Polling to handheld infrared printer, PC or Data Transfer Module
Standalone access control system with long-life batteries and low battery alert
Exceptionally durable with strong clutch mechanism
"Quick Passage" Mode enabled with any authorized user codes and function code
Schedules Events: Code Disabled, Lock/Unlock, Relay Control

Satin Chrome - Left Hand
Satin Chrome - Right Hand

DL3500LH-26D
DL3500RH-26D

trilogy DL2700WP weatherproof



Weatherproof model has sealed membrane key-board for wet area mounting
UL & ULC listed
2-wire remote override
Keypad programmable
Key bypass - rekeyable
Visual & audible entry indicators
Extended 12 button metal keypad
Long life powered by 5x AA batteries
Individual, group, or total user lockouts
Non-handed & completely self contained
One time emergency access service code
Super heavy-duty lock & trim with clutch mechanism
Grade 1 lockset, meets BHMA requirements
Master & Management codes can set entry allowance from 5 to 20 seconds

Satin Chrome

DL2700WP-26D

lockey digital locks see separate list for prices and discounts

1150 mortice latch



features

handed units, reversible latch, protective clutch mechanism, suitable for rebated doors, suits 35-55mm thick doors, passage set facility

specification

outside operation	code & lever handle
inside operation	passage set option
no. of codes	one (prefixed 'C')
combinations	several thousand
code length	4 - 6 digits
holdback	passage set facility
latch	10mm mortice auto deadbolt
finishes	satin chrome only
operation	mechanical retraction of bolt
	non-sequential code

Satin Chrome - LH
Satin Chrome - RH
Satin Chrome - back to back

1150LSC
1150RSC
1150DSSC

2200 rim deadbolt



Surface mounted internal sliding bar
Can be installed as close to the edge of door as required

Satin Chrome
Bright Brass
Antique Brass
Antique Copper
Jet Black

2200SC
2200BB
2200AB
2200AC
2200JB

2230NL front body only



Adapted to use together with specified rim night latches and internal fire exit hardware (not supplied)
Will suit narrow stile doors
Option with key bypass

Satin Chrome
Bright Brass
Antique Brass
Antique Copper
Jet Black

2230NLSC
2230NLBB
2230NLAB
2230NLAC
2230NLJB

2430 & 2435 mortice latch



Internal handle
Latch bolt 60mm back set, with anti thrust pin
Non-Holdback 2430
With Holdback 2435

Satin Chrome
Bright Brass
Satin Chrome
Bright Brass
Antique Brass
Jet Black

2430SC
2430BB
2435SC
2435BB
2435AB
2435JB

2435KD & KA with key bypass



Internal handle
Latch bolt 70mm back set, with anti thrust pin
Satin Chrome and Bright Brass finishes
Key Bypass
Hold back facility
2435KD - Keyed Different
2435KA - Keyed Alike

Satin Chrome - Key Bypass
Bright Brass - Key Bypass
Satin Chrome - Keyed Alike
Bright Brass - Keyed Alike

2435KDSC
2435KDBB
2435KASC
2435KABB

2500 hook bolt



For sliding doors
Surface mounted hook bolt
For wooden, aluminium & UPVC
Option with key bypass
Satin Chrome finish only

Satin Chrome
Satin Chrome - Key Bypass
Satin Chrome - Keyed Alike

2500SC
2500KDSC
2500KASC

boxed digital locks

2000 & 2100 mortice latch



Satin Chrome and Polished Brass finishes
 Non-Holdback 2000
 With Holdback 2100

Note: also available pre-packed
 please prefix code with 'AP' when
 ordering and add £1.00 to list price

Non-Holdback SC
 Non-Holdback PB
 With Holdback SC
 With Holdback PB

2000-SC	44.55
2000-PB	44.55
2100-SC	44.55
2100-PB	44.55

codelock digital locks see separate list for prices and discounts

CL100 series codelock



Easy to fit, simple installation
 Easy to change entry code
 Choice of 3 sizes of latch
 Silver Grey and Polished Brass finishes
 Surface Deadbolt 100
 Mortice Latch 150
 Mortice Latch with Hold Open 155
 Mortice Latch with Back to Back Keypads 190BB

Surface Deadbolt SG	100-SG
Mortice Latch Non-Holdback SG	150-SG
Mortice Latch Non-Holdback PB	150-PB
Mortice Latch With Holdback SG	155-SG
Mortice Latch With Holdback PB	155-PB
Mortice Latch - Back to Back SG	190-SG

CL200 series codelock



PVD, low maintenance weather resistant finish
 Latchbolt always locks when the door is closed
 Convenient lever handle on back-plate
 Key override option available (also keyed alike)
 Stainless Steel and Polished Brass PVD finishes
 Surface Deadbolt 200
 Mortice Bolt 210
 Mortice Latch 250
 Mortice Latch With Holdback 255
 Mortice Latch with Back to Back Keypads 290BB

Surface Deadbolt SS	200-SS
Mortice Deadbolt SS	210-SS
Mortice Deadbolt PB	210-PB
Mortice Latch Non-Holdback SS	250-SS
Mortice Latch Non-Holdback PB	250-PB
Mortice Latch With Holdback SS	255-SS
Mortice Latch With Holdback PB	255-PB
Mortice Latch - Back to Back SS	290-SS

CL500 series codelock



Heavy duty high traffic applications
 PVD Stainless Steel and Polished Brass finishes
 Full size lever handles
 Outside lever has slipping clutch to avoid damage to the mechanism if forced.
 Easy code change as often as required
 Code free option available on both Mortice Lock and Mortice Latch functions.
 520 & 525 models have safety feature allowing inside lever to always retract the deadbolt and latchbolt.
 Back to back - to provide coded access in both directions available for all variants

Plates Only SS (utilising existing lock or latch)	500-SS
Plates Only PB (utilising existing lock or latch)	500-PB
Plates Only - code free access SS (utilising existing lock or latch)	505-SS
Plates Only - code free access PB (utilising existing lock or latch)	505-PB
Coded Front Plate Panic Kit SS	500PK-SS
Coded Front Plate Panic Kit SS (with code free entry option)	505PK-SS
Mortice Latch SS	510-SS
Mortice Latch PB	510-PB
Mortice Latch - code free access SS	515-SS
Mortice Latch - code free access PB	515-PB
Mortice Lock SS	520-SS
Mortice Lock PB	520-PB
Mortice Lock - code free access SS	525-SS
Mortice Lock - code free access PB	525-PB

CL2000 series codelock



The Codelocks keyless electronic locks represent a major step forward in entry control. Based on Piezo technology, these products offer an exceptional battery life of 500,000 operations from the 4x1.5v AA cells@2900mAh. The entry level CL2000 is a stylish design incorporating twin LED lamps within the button housing. With fast, easy programming of up to 90 different user codes via the keypad, the CL2000 is ideal for a wide range of light duty entry control applications in health, educational, commercial and residential environments.

Electronic functionality provides major benefits over mechanical locks, such as programming at the keypad, multiple codes, one-time user codes, remote release, automatic fire alarm release, and incorrect code alarm. The non volatile memory retains settings when batteries are changed.

Programme commands include:

- set new user code
- suspend and restore individual user codes
- suspend, restore and delete all user codes
- set one-time user code
- set and cancel code free mode
- change master code

key features

New Piezo Technology

Over 500,000 operations from 4x AA cells

PVD, weather resistant, low maintenance finish

Connections for remote release by reception desk button

Connections for release by alarm system

Code free entry mechanically by key or electronically from keypad

Allows up to 90 user codes 4, 5 or 6 digits long

Tamper alarm and low battery warning

Mortice Latch SS

Mortice Latch PB

2010-SS

2010-PB

CL4000 series codelock



CL4000 is a medium duty electronic keyless lock offering all the functions of the CL2000, but with the benefit of full size lever handles which allow it to be used as the primary lock on doors where a knob operated lock would not be suitable.

CL4000 is a stylish, contemporary design programmable at the keypad with a range of commands which makes it particularly suitable for medium duty use in health, educational, commercial and residential environments.

Electronic functionality provides major benefits over mechanical locks, such as programming at the keypad, multiple codes, one-time user codes, remote release, automatic fire alarm release, and incorrect code alarm. The non volatile memory retains settings when batteries are changed.

Programme commands include:

- set new user code
- suspend and restore individual user codes
- suspend, restore and delete all user codes
- set one-time user code
- set and cancel code free mode
- change master code

key features

New Piezo Technology

Over 500,000 operations from 4x AA cells

PVD, weather resistant, low maintenance finish

Connections for remote release by reception desk button

Connections for release by alarm system

Code free entry mechanically by key or electronically from keypad

Allows up to 90 user codes 4, 5 or 6 digits long

Tamper alarm and low battery warning

Mortice Latch SS

Mortice Latch PB

Mortice Lock SS

Mortice Lock PB

4010-SS

4010-PB

4020-SS

4020-PB

CL5000 series codelock



This is a heavy duty keyless electronic digital lock with full size lever handles, allowing use as the primary lock on most doors, particularly in high traffic situations.

The 5000 model is a stylish, contemporary design, ideal for a wide range of heavy duty entry control applications.

The Piezo actuator, used for the first time in a stand alone electronic lock provides a battery life of over 500,000 operations (approximately ten times more than a typical electronic push button lock).

Programme commands include:

- set new user code
- suspend and restore individual user codes
- suspend, restore and delete all user codes
- set one-time user code
- set and cancel code free mode
- change master code

key features

New Piezo Technology

Over 500,000 operations from 4x AA cells

PVD, weather resistant, low maintenance finishes

Stainless Steel, Polished Brass and Black Chrome finishes

Connections for remote release by reception desk button

Connections for release by alarm system

Code free entry mechanically by key or electronically from keypad

Allows up to 90 user codes 4, 5 or 6 digits long

Tamper alarm and low battery warning

Back to back keypads available to provide coded access in both directions

Mortice Latch SS

Mortice Latch PB

Mortice Latch BC

Mortice Lock SS

Mortice Lock PB

Mortice Latch BC

Mortice Latch Back to Back SS

Mortice Latch Back to Back PB

Mortice Latch Back to Back BC

Mortice Lock Back to Back SS

Mortice Lock Back to Back PB

Mortice Lock Back to Back BC

5010-SS

5010-PB

5010-BC

5020-SS

5020-PB

5020-BC

5010BB-SS

5010BB-PB

5010BB-BC

5020BB-SS

5020BB-PB

5020BB-BC

scheduler

duraluminium

aluminium

stainless steel

nylon

brass

less able

anti ligature

door controls

panic hardware

hinges

locks

access control

signage

fireseals

general ironmongery

domestic safety

mailboxes

Many of the products within this section feature technical information, operational details and dimensions. However, separate data sheets can be obtained for most items upon request.

electromagnetic locks

description

a complete range of face to face magnetic locks suitable for most surface mounted and morticed applications

construction

unit body is constructed from high quality extruded aluminium with stainless steel armature

features include

holding force up to 600kg
12 or 24V DC - site selectable

slimline magnet surface mount
slimline magnet mortice mount
slimline magnet mortice mount - monitored
slimline magnet surface mount
slimline magnet surface mount - monitored
double slimline magnet surface mount
double slimline magnet surface mount - monitored
standard magnet surface mount
standard magnet surface mount - monitored
double standard magnet surface mount
double standard magnet surface mount - monitored

technical information

series	dimensions (mm)	voltage	current	holding force
EM150	L166 x H38 x W22	12/24V DC	460mA (+/- 2.5% @ 13.5V)	150kg
EM301	L228 x H38 x W27	12/24V DC	500mA @ 12V, 125mA @ 24V	300kg
EM300	L250 x H47 x W26	12/24V DC	430mA (+/- 2.5% @ 13.5V)	300kg
EM300D	L500 x H47 x W26	12/24V DC	430mA (+/- 2.5% @ 13.5V) x2	300kg (x2)
EM600	L266 x H73 x W40	12/24V DC	500mA @ 12V, 250mA @ 24V	600kg
EM600D	L532 x H73 x W40	12/24V DC	1000mA @ 12V, 500mA @ 24V	600kg (x2)

EM150S	54.65
EM301M	59.46
EM301MM	55.49
EM300S	46.51
EM300SM	55.49
EM300DS	97.88
EM300DSM	121.50
EM600S	59.40
EM600SM	70.20
EM600DS	128.25
EM600DSM	144.45



accessories

a complete range of brackets for inward opening, outward opening and glass doors for use with the electromagnetic locks



L bracket for 300 series magnets
L bracket for 600 series magnets
ZL bracket for 300 series magnets
ZL bracket for 600 series magnets
glass door bracket for 300 series magnets
glass door bracket for 600 series magnets
semi flush mounting bracket for 300 series armature
surface mounting bracket for 300 series armature
F section bracket for 300 series armature
F section bracket for 600 series armature
ZL bracket for 150 series magnet
glass door bracket for 150 series magnet
ZL bracket with rounded cover to suit 300 series
L bracket with rounded cover for to suit 300 series
ZL bracket with rounded cover to suit 600 series
L bracket with rounded cover for to suit 600 series

EM300L	16.07
EM600L	17.68
EM300ZL	27.32
EM600ZL	32.14
EM300G	25.71
EM600G	32.14
EM300SF	14.46
EM300SM	20.89
EM300F	37.13
EM600F	39.96
EM150ZL	22.50
EM150G	19.29
EM300ZLC	39.15
EM300LC	25.65
EM600ZLC	41.85
EM600LC	28.35

high quality electromagnetic locks

description

a complete range of IP rated, external, face to face magnetic locks suitable for most surface mounted and morticed applications

construction

unit body is constructed from a single piece steel block with stainless steel armature

features include

external applications
holding force up to 500kg
12V DC

all Ultra magnetic locks are fail safe
inward & outward opening door applications
surface mount and mortice applications

slimline magnet surface mount
slimline magnet surface mount - monitored
slimline magnet mortice mount
slimline magnet mortice mount - monitored
standard magnet surface mount
standard magnet surface mount - monitored
standard magnet mortice mount
standard magnet mortice mount - monitored

technical information

series	dimensions (mm)	voltage	current	holding force
EM201	L170 x H37 x W28	12V DC	250mA	200kg
EM202	L200 x H37 x W28	12V DC	250mA	200kg
EM350	L215 x H55 x W28	12V DC	300mA	350kg
EM500	L230 x H65 x W35	12V DC	420mA	500kg

EM201



EM202



EM201	166.31
EM201M	176.79
EM202	166.31
EM202M	176.79
EM350	180.99
EM350M	192.86
EM500	208.93
EM500M	225.00

accessories

a complete range of brackets for inward opening, outward opening and glass doors for use with this range of high quality electromagnetic locks



quick mount bracket to suit 200 series magnets
L bracket for 200 series magnets
L bracket for 350 and 500 series magnets
ZL bracket for 200 series magnets
ZL bracket for 350 series magnets
ZL bracket for 500 series magnets

EM200QMB	17.12
EM200L	17.12
EM350L	17.12
EM200ZL	61.15
EM350ZL	61.15
EM500ZL	61.15

EM350 & EM350M and EM500 & EM500M have universal mounting applications - the unique ability to be mounted from either the front or base elevations

electric strikes for latch locks

ES1FL



description

fail secure mortice electric strike with fixed keep

specification

operating voltage 8 - 16V AC/DC
 consumption 650mA AC
 220mA 12V DC
 holding force 300kg
 monitoring optional
 operation fail secure
 handed both
 dimensions 160 x 25 x 31mm
 jaw depth 6mm

8 - 16V AC/DC
 12V DC
 AC/DC with monitoring

ES1FL1 32.96
 ES1FL2 32.96
 ES1FL3 71.20

ES2FL



description

fail secure mortice electric strike with adjustable keep

specification

operating voltage 8 - 16V AC/DC
 consumption 650mA AC
 220mA 12V DC
 holding force 300kg
 monitoring optional
 operation fail secure
 handed both
 dimensions 110 x 25 x 31mm
 jaw depth 6mm

8 - 16V AC/DC
 12V DC
 AC/DC with monitoring

ES2FL1 36.20
 ES2FL2 36.20
 ES2FL3 78.00

ES1FO



description

fail safe mortice electric strike with fixed keep

specification

operating voltage 12V DC
 consumption 170mA
 holding force 300kg
 monitoring optional
 operation fail safe
 handed both
 dimensions 160 x 25 x 31mm
 jaw depth 9mm

12V DC
 with monitoring

ES1FO1 58.00
 ES1FO2 86.00

ES2FO



description

fail safe mortice electric strike with adjustable keep

specification

operating voltage 12V DC
 consumption 170mA
 holding force 300kg
 monitoring optional
 operation fail safe
 handed both
 dimensions 110 x 25 x 31mm
 jaw depth 6mm

12V DC
 with monitoring

ES2FO1 82.00
 ES2FO2 86.00

ES3FL



description

fail secure mortice electric strike with adjustable keep
 lever to change strike to permanently open mode

specification

operating voltage 12V DC
 consumption 220mA
 holding force 300kg
 monitoring no
 operation fail secure
 handed both
 dimensions 110 x 24 x 31mm
 jaw depth 6mm

12V DC

ES3FL1 48.00

rim cases

ESRCO1



description

rim fixing conversion for outward opening doors

ESRCO1 10.40

ESRCI1



description

rim fixing conversion for inward opening doors

ESRCI1 10.40

electric strikes for u-pvc doors



description

fail secure electric strike for U-PVC doors with long faceplate to accommodate deadbolt and adjustable keep

specification

operating voltage 8 - 16V AC/DC
 consumption 650mA
 holding force 300kg
 monitoring optional
 operation fail secure
 handed left & right
 dimensions 225 x 26 x 31mm
 jaw depth 6mm

unmonitored left hand
 unmonitored right hand
 with monitoring left hand
 with monitoring right hand

ESPVC1FL1L 47.49
 ESPVC1FL1R 47.49
 ESPVC1FL2L 73.00
 ESPVC1FL2R 73.00



description

fail safe electric strike for U-PVC doors with long faceplate to accommodate deadbolt and adjustable keep

specification

operating voltage 12V DC
 consumption 170mA
 holding force 300kg
 monitoring optional
 operation fail safe
 handed left & right
 dimensions 225 x 26 x 31mm
 jaw depth 6mm

unmonitored left hand
 unmonitored right hand
 with monitoring left hand
 with monitoring right hand

ESPVC2FO1L 78.00
 ESPVC2FO1R 78.00
 ESPVC2FO2L 98.00
 ESPVC2FO2R 98.00

scheduler

duraluminium

aluminium

stainless steel

nylon

brass

less able

anti ligature

door controls

panic hardware

hinges

locks

access control

signage

fireseals

general ironmongery

domestic safety

mailboxes

ansi electric strikes for american style locks

ES4FL



description

adjustable ansi strike with auxiliary lever ramps, for use with locksets with a throw of up to 16mm

specification

operating voltage 12V DC
consumption 220mA
holding force 300kg
monitoring optional
operation fail secure
handed universal
dimensions 175 x 32 x 40mm
jaw depth 13mm

unmonitored
with monitoring

ES4FL1
ES4FL2

52.97
90.48

ES4FO



description

adjustable ansi strike, for use with locksets with a throw of up to 16mm

specification

operating voltage 12V DC
consumption 170mA
holding force 300kg
monitoring optional
operation fail safe
handed universal
dimensions 175 x 32 x 40mm
jaw depth 13mm

unmonitored
with monitoring

ES4FO1
ES4FO2

78.57
90.48

ES5FO



description

fixed keep ansi strike available with short or long face plates, for use with latches with a throw of up to 16mm

specification

operating voltage 12V DC
consumption 170mA
holding force 300kg
monitoring no
operation fail safe
handed universal
dimensions (SFP) 123 x 32 x 40mm
dimensions (LFP) 222 x 36 x 40mm
jaw depth 13mm

with short face plate
with long face plate

ES5FOS
ES5FOL

62.00
62.00

ES5FL



description

ansi strike available with short or long face plates, for use with latches with a throw of up to 16mm

specification

operating voltage 12V DC
consumption 220mA
holding force 300kg
monitoring no
operation fail secure
handed universal
dimensions (SFP) 123 x 32 x 40mm
dimensions (LFP) 222 x 36 x 40mm
jaw depth 13mm

with short face plate
with long face plate

ES5FLS
ES5FLL

85.00
85.00

ES6FL



description

ansi strike with adjustable keep and short face plate, for use with latches with a throw of up to 16mm

specification

operating voltage 12V DC
consumption 220mA DC
600mA AC
holding force 300kg
monitoring optional
operation fail secure
handed universal
dimensions (SFP) 123 x 31 x 40mm
dimensions (LFP) 222 x 38 x 40mm
jaw depth 13mm

12V DC unmonitored
12V DC with monitoring
AC/DC with long face plate
AC/DC with short face plate

ES6FL1
ES6FL2
ES6FL3
ES6FL4

62.00
75.00
62.00
75.00

ES6FO



description

ansi strike with adjustable keep and short face plate, for use with latches with a throw of up to 16mm

specification

operating voltage 12V DC
consumption 170mA
holding force 300kg
monitoring optional
operation fail safe
handed universal
dimensions 123 x 31 x 40mm
jaw depth 13mm

unmonitored
with monitoring

ES6FO1
ES6FO2

79.00
96.00

ES7FL



description

ansi strike with adjustable keep and long face plate, for use with latches with a throw of up to 16mm

specification

operating voltage 12V DC
consumption 220mA
holding force 300kg
monitoring optional
operation fail secure
handed universal
dimensions 200 x 37 x 40mm
jaw depth 13mm

unmonitored
with monitoring

ES7FL1
ES7FL2

62.00
79.00

ES7FO



description

ansi strike with adjustable keep and short face plate, for use with latches with a throw of up to 16mm

specification

operating voltage 12V DC
consumption 170mA
holding force 300kg
monitoring optional
operation fail safe
handed universal
dimensions 200 x 37 x 40mm
jaw depth 13mm

unmonitored
with monitoring

ES7FO1
ES7FO2

79.00
96.00

scheduler

dual aluminium

aluminium

stainless steel

nylon

brass

less able

anti ligature

door controls

panic hardware

hinges

locks

access control

signage

fireseals

general ironmongery

domestic safety

mailboxes

heavy duty electric strike

ES8FL



description

heavy duty stainless steel electric strike for use with surface mounted rim exit devices

specification

operating voltage 12V AC/DC
consumption 280mA DC
700mA AC
holding force 900kg
monitoring no
operation fail secure
handed please specify
dimensions 229 x 44 x 53mm
jaw depth 34mm

fail safe panic device strike 12V DC
fail safe panic device strike 12V AC

ES8FL1 231.33
ES8FL2 231.33

micro ansi electric strike

ES9M



description

fail secure compact ansi strike

specification

operating voltage 12 - 24V AC/DC
consumption 450 - 900mA
holding force 500kg
monitoring optional
operation optional
handed universal
dimensions 70 x 28 x 26mm
jaw depth 12mm

12 - 24V AC/DC
12V DC (450mA)
12V DC fail safe (450mA)

ES9M1 177.99
ES9M2 142.39
ES9M3 185.41

mini ansi electric strike

ES10M



description

fail secure mini ansi electric strike

specification

operating voltage 12 - 24V DC
consumption 450 - 900mA
holding force 500kg
monitoring optional
operation optional
handed universal
dimensions 123 x 31 x 26mm
jaw depth 11mm

12 - 24V AC/DC
12V DC (450mA)
12V DC (450mA) fail safe

ES10M1 198.76
ES10M2 163.16
ES10M3 206.17

cabinet locks

ESC



description

fail secure and fail safe cabinet locks for securing cupboards, lockers, filing cabinets etc.

specification

operating voltage 12V AC/DC
consumption 340mA
holding force 200kg
monitoring optional
operation fail secure (C1)
fail safe (C3)

fail secure - unmonitored
fail secure - monitored
fail safe - unmonitored
fail safe - monitored

ESC1 38.00
ESC2 48.00
ESC3 33.00
ESC4 43.00

shear magnets

ESM1



monitored

ESM1 283.34

description

standard shear magnet 1136kg holding force - monitored

specification

holding force 1136kg
operating voltage 12V DC
current 180mA
monitoring via. control board
time delay 0 - 6 seconds
MOV surge protection on control board
finish satin anodised aluminium
dimensions 165 x 21 x 31mm

ESM2



monitored

ESM2 330.00

description

high security shear magnet 1360kg holding force - monitored

specification

holding force 1360kg
operating voltage 12V DC
current 340mA
monitoring via. control board
time delay 0 - 6 seconds
MOV surge protection on control board
finish black satin finish
dimensions 190 x 25 x 31mm

ESL1



self-aligning

ESL1 382.50

description

self-aligning shear lock, low current draw, no special alignment circuits, 2m cable from lock supplied, nickel finish, modern design, easy to install, fully repairable

specification

holding force up to 500kg
operating voltage 12 - 24V DC
current 1600mA @ 12V max
monitor output voltage free contact
pull in distance 4mm from lock
dimensions lock: L270 x W35 x D30mm
armature: L220 x W37 x D25mm

solenoid bolts

ESB1



monitored

ESB1

157.14

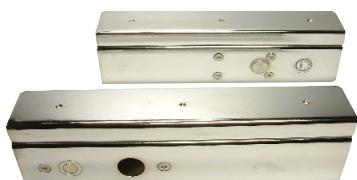
description

fail safe electric drop bolt

specification

operating voltage	12V DC
operation	fail safe
current	290mA
monitoring	yes
time delay	0 - 9 seconds
finish	bright chrome
dimensions	203 x 33 x 44mm

ESB2



monitored

ESB2

292.86

description

fail safe electric drop bolt for glass doors

specification

operating voltage	12V DC
operation	fail safe
current	290mA
monitoring	yes
time delay	0 - 9 seconds
finish	bright chrome
dimensions	222 x 64 x 40mm

stand-alone programmable readers

This range of intelligent readers offers a low cost, reliable and secure access control solution to stand-alone applications. Depending upon the application our extensive range includes readers suitable for both internal and external environments.

Features include:

Easy Installation
 Easily Programmed
 LED Indicators
 User Definable Lock Times
 Tamper Facility

KP-01



reader type
 operating voltage
 housing
 average current
 LED's
 audible signals
 operating temperature
 operating humidity
 dimensions (mm)
 cable
 IP rating
 number of users
 outputs

standalone 250 user keypad
 12/24V AC/DC
 zinc alloy keys and housing
 100mA max
 3
 1 internal buzzer
 -30°C to +50°C
 0 - 95% (non-condensing)
 L115 x W85 x D14
 1 metre and sealed
 IP67 for main keypad
 250, 1 - 8 digits
 (non-volatile memory)
 relay 1=5A, relay 2=1A
 (both com/no/nc)

vandal-proof zinc alloy standalone keypad

KP-01

182.08

KP-02



reader type
 operating voltage
 housing
 average current
 LED's
 audible signals
 operating temperature
 operating humidity
 dimensions (mm)
 IP rating
 TX format
 tamper protection

vandal-proof keypad
 12V DC
 zinc alloy keys and housing
 70mA max
 3
 1 internal buzzer
 -30°C to +50°C
 0 - 95% (non-condensing)
 L115 x W85 x D14
 IP65
 26 bit Weigand or clock
 and data, up to 8 digits
 yes

vandal-proof zinc alloy standalone keypad

KP-02

146.72

KP-03



reader type
 operating voltage
 housing
 average current
 LED's
 audible signals
 operating temperature
 operating humidity
 dimensions (mm)
 IP rating
 number of users
 taoutputs

vandal-proof standalone keypad
 12/24V AC/DC
 zinc alloy keys and housing
 200mA max
 3
 1 internal buzzer
 -30°C to +50°C
 0 - 95% (non-condensing)
 L115 x W85 x D14
 IP65
 60, 1 - 8 digits
 (non-volatile memory)
 relay 1=5A, relay 2=1A
 (both com/no/nc)

vandal-proof zinc alloy keypad

KP-03

191.72

KP-04



reader type
 operating voltage
 power consumption
 outputs
 reads
 operating frequency
 as standalone:
 as slave:
 exit button
 visible signals (LEDs)
 audible signals
 security lockout

multi-function proximity/pin reader/controller
 10/16V DC
 average 60mA
 2 programmable transistors
 50mA sink capability
 EN4100/4102 compatible tags (cards/key fobs)
 125kHz
 programmable duration of pulse (1-99 sec) or latch mode
 26, 34, 42 & 66 bit Weigand with four further sub-options.
 Magstripe communications interface
 2 programmable inputs
 1 red, 2 green and 1 yellow
 1 internal buzzer
 30 sec dissuasive effect after 10 consecutive invalid codes
 -25°C to +60°C
 4
 L150 x W46 x D23
 150
 120
 IP65

multi-function proximity/pin reader/controller

KP-04

101.40

PR-01



reader type

operating voltage
operating frequency
read range
visible signals

audible signals
exit button
operating temperature
operating humidity
dimensions (mm)
IP rating
number of users

output modes

vandal resistant standalone proximity reader
12V AC/DC
125kHz
8cm
1 red LED (free of potential)
1 bi-colour LED (red/green)
1 yellow LED
1 internal buzzer
1 external push button option
-30°C to +50°C
0 - 95% (non-condensing)
L105 x W85 x D40
IP65
250
(non-volatile memory)
programmable duration of pulse (1-99 seconds) or latched mode

vandal-resistant standalone proximity reader **PR-01** 210.06

PR-02



reader type

operating voltage
power consumption
reads

operating frequency
read range
outputs

visible signals

operating temperature
operating humidity
dimensions (mm)
IP rating

vandal resistant proximity reader for use with host systems
12V DC
100mA maximum
EM4102 compatible tags (cards/key fobs)
125kHz
8cm
26 bit Weigand or clock and data
1 red LED (free of potential)
1 bi-colour LED (red/green)
1 yellow LED
-30°C to +50°C
0 - 95% (non-condensing)
L105 x W85 x D40
IP65

vandal-resistant proximity reader **PR-02** 181.51

PR-03



reader type

operating voltage
power consumption
reads

read range
output modes
visible signals (LEDs)
audible signals
operating temperature
operating humidity
dimensions (mm)
IP rating

Weigand 26 output solution for access control host systems
12V DC
standby: 60mA +/- 5%
EM4102 compatible tags (cards/key fobs)
up to 70cm
Weigand 26
1 red, 1 yellow, 1 green
1 internal buzzer
-15°C to +60°C
0 - 95% (non-condensing)
L100 x W40 x D17
IP65

Weigand output proximity reader **PR-03** 57.20

PR-MF



reader type
housing
format
LED's
operating frequency
reader range
operating voltage
power consumption

proximity contactless Mifare high impact ABS plastic
26 bit Weigand
3
13,56MHz
8cm
8 - 15V DC
70 mA

contactless mifare reader **PR-MF** 205.50

PR-FP



reader type

housing
format
LED's
operating frequency
reader range
operating voltage
power consumption

contactless Mifare & fingerprint
high impact ABS plastic
26 bit Weigand
3
13,56MHz
8cm
8 - 15V DC
70 mA

contactless mifare reader & fingerprint **PR-FP** 900.00

cards & tags



KP-FOB



KP-CAR



KP-TRA

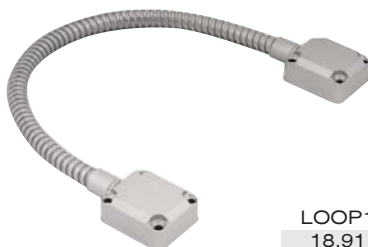
proximity keyfob EM4102 compatible
ISO thickness EM4102 proximity card
clamshell card EM4102 proximity card
RF transmitter 868MHz
(868MHz on request)

KP-FOB 3.15
KP-ISO 2.70
KP-CAR 2.40
KP-TRA 30.06

door loops

LOOP1

high security door loop
stronger door loop for more secure applications
carries cables from door frame to the door to supply electric strikes, etc.



LOOP1
18.91

LOOP2

standard door loop
carries cables from door frame to the door to supply electric strikes, etc.



LOOP2
11.92

stand-alone intelligent locksets

SILS - Stand-Alone Intelligent Locksets - available in a range of card technologies offering a flexible access control solution without compromising your security needs

features include

easy, fast & simple installation
 easy to use application software
 choice of reader technology
 satin brass, satin chrome or satin silver finishes available
 200 events per door audit trail
 up to 255 buildings
 with up to 255 floors per building
 with up to 255 doors per floor
 no need to hard-wire the building
 cost effective access control solution



01

for hotel use

specially designed for hotel use
 available in proximity insertion (SSL-01), Mifare - internal use (SMF-01),
 Mifare - external use (SMF-01EX) or magnetic stripe (SML-01) **P.O.A.**

02

for commercial applications

specially designed for commercial applications
 available in proximity insertion (SSL-02), Mifare - internal use (SMF-02)
 or Mifare - external use (SMF-02EX) **P.O.A.**

external reader

RD



energy saving switch

ES



for up to 2000 users

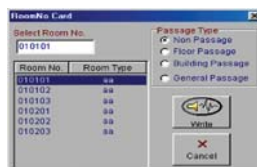
The SPL-RD is an RFID card reader which comes with a host controller. It has a 2000 card capacity and is suitable for controlling external doors **P.O.A.**

The SPL-ES is an energy saving switch for use with the hotel access cards. Once the card is inserted into the unit, power to the room is enabled. Once removed power is switched off after 10 seconds **P.O.A.**

cards



software



software runs under Windows 2000 or Windows XP

card encoder

ENC



for programming cards

Card encoders are available for each of the reader technologies. The unit is connected to a PC via the USB port. Cards are placed into the unit and programmed via the software.

Mifare insert chip card	SMF-CARD	1.30
proximity card	SSL-CARD	2.60
magnetic stripe card	SML-CARD	1.30

for hotel use	SOFT-01	780.00
for commercial use	SOFT-02	780.00

Mifare encoder for SMFs	SMF-ENC	P.O.A
proximity encoder for SSLs	SSL-ENC	P.O.A
mag stripe encoder for SMFs	SML-ENC	P.O.A

smart code entry lockset

Stand-alone and battery operated, this stand-alone intelligent smart code entry lockset provides the ideal solution when considering cardless/tagless applications.



media type	push button codes
power	4x AA batteries
emergency use	yes: key override feature
low battery indicator	yes
number of users	250
number of operations	30,000 per power pack
use	commercial
finishes	satin chrome, satin brass
management system	not required
holding strength	1000kg
strict user control	yes, master code protected

commercial application code entry lockset	SCE-01	156.00
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request to exit (RTE) buttons & switches

RTE-1



stainless steel RTE button narrow style including back box

RTE-2



stainless steel RTE button, 1 gang

RTE-3



stainless steel illuminated RTE button, 1 gang

RTE-4



high impact RTE button

RTE-5



plastic RTE button

RTE-6



Double Pole BG1D Spare Glass BGGD

'PRESS TO EXIT' button
 'PRESS TO EXIT' button
 'PRESS TO EXIT' button
 domed door release button

RTE-1	31.97
RTE-2	31.97
RTE-3	42.86
RTE-4	42.00

plastic 'PRESS TO EXIT' switch
 'BREAK GLASS TO EXIT' double pole
 'BREAK GLASS TO EXIT' spare glass

RTE-5	10.35
RTE-6	16.65
RTE-6G	6.00

telephone entry systems

TES-1



description

Video entry system with 2-way voice communication.
 Simple installation and up to 100m range.
 Additional RCM (remote communication module) can be added to a second access point (i.e. second door/gate).
 System incorporates a camera and monitor.

application

One way entry system applications where visual identification is needed.
 System can be extended to allow x2 entry points.

technical information

operating voltage(s)
 camera view angle
 camera light sensitivity
 voice transmission
 operating temperature

dimensions (mm)

net weight (approx.)
 wiring

monitor: 240V 50Hz AC camera: 10.5V
 92° diagonal
 approx. 0.5 lux @ 40cm
 2 way communication
 monitor: 0° - 40° (32°F - 104°F)
 camera: -10°C - +50°C (14°F - 122°F)
 monitor: 190W x 213H x 86D
 camera: 99W x 151H x 68D
 monitor: 1.6kg camera: 426g
 minimum requirements: telecom solid core
 0.65mm cable. 2 core.
 maximum distance: 100m. NEVER double-up
 cores between equipment.

colour image

TES-1

575.17

TES-2



description

Hands free video entry system with 2-way voice communication.
 Simple installation and up to 100m range.

Tamper switch in the camera alerts user of anybody tampering or dismantling the camera station

application

One way entry system applications where visual identification is needed.
 System can be extended to allow x2 entry points.

technical information

operating voltage
 power consumption
 camera lens
 camera light sensitivity
 light source
 operating temperature
 camera
 net weight (approx.)
 wiring
 dimensions (mm)

features

220 - 240V 50Hz AC at handset
 2.5w
 f3.6 78° adjustable
 0.1 lux
 x6 infra-red LEDs
 -10°C - +50°C
 CMOS
 handset: 1kg camera: 400g
 4 core telecom solid core cable
 handset: 290W x 210H x 50D
 camera: 160W x 160H x 40D
 tamper switch in camera
 camera is complete with rain hood

black and white image

TES-2

507.14

TES-3



description

Video entry system with 2-way voice communication.
 Simple installation and up to 100m range.
 This model has the ability to capture images either automatically on visitor call or manual record up to 64 images.
 Additional RCM (remote communication module) can be added to a second access point (i.e. second door/gate).

application

One way entry system applications where visual identification is needed.
 System can be extended to allow x2 entry points as well as up to 3 slave handsets.

technical information

operating voltage
 power consumption
 camera light sensitivity
 voice transmission
 operating temperature

net weight (approx.)
 wiring
 dimensions (mm)

240V.50Hz AC for monitor, 10.5V for camera
 92° diagonal
 approx 0.5 lux @ 40cm
 2 way communication
 0°C - +40°C for monitor
 -10°C - +50°C for camera
 monitor: 1.6kg camera: 426g
 camera to monitor 2 wire, 100m TIV 0.65mm
 monitor: 190W x 213H x 86D
 camera: 99W x 151H x 68D

black and white image capture

TES-3

615.52

real time security

digital video recorder

description

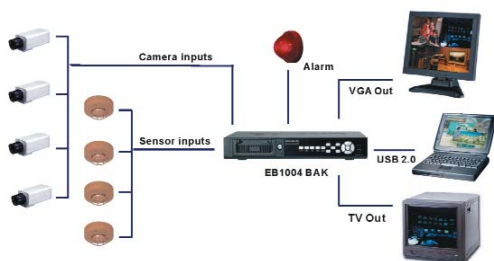
non PC stand-alone DVR (just like a normal VCR)
 4 channel inputs, 1 composite & VGA output
 front panel buttons & OSD control
 real time display & recording
 USB 2.0, easy to back-up to PC
 sensor & relay control
 auto recycle recording - no need to change tapes
 supports 2 hard drives
 removable HDD bay
 supports video format: NTSC & PAL

applications include

shops, supermarkets, schools, educational institutions, museums,
 hospitals, railway stations, petrol stations, car parks, factories,
 warehouses, community centres, residential areas

specification

4 composite video inputs (BNC connector)
 1 composite & VGA output
 Video compression: MPEG
 Video format: NTSC and PAL
 Resolution: 720 x 480, 360 x 240 (Quad mode)
 Display frame rate (Quad mode): 30/25 fps (NTSC/PAL) per channel,
 total 120/100 fps (NTSC/PAL)
 Recording frame rate (Quad mode): 30/25 fps (NTSC/PAL) per
 channel, total 120/100 fps (NTSC/PAL)
 Recording modes: schedule recording (00:00~23:59 selectable)
 Event recording: recording automatically when sensor triggered
 Auto recycle when disk is full
 Playback: - realtime playback: immediate access playback
 - video search by date/time/event
 I/O:
 - 4 sensor inputs and 1 relay output control
 - relay output controls alarm, lock, light, or other devices
 - 1 USB 2.0 port



digital video recorder

DVR1

770.85

access control systems

system

Integrates access control and alarm monitoring into an elegant building management and security system, aimed to effectively cover the competitive sector of small and medium sized access control systems market. Its modern architecture was specifically designed to take advantage of Microsoft Windows XP and works reliably under Windows 98, ME, NT4 and 2000 operating systems.

optimum system capacity:

up to 99 system operators with individually definable privileges
 up to 32 NC100 controllers
 up to 64 access points
 up to 256 inputs/256 outputs
 up to 16 networks including direct, TCP/IP, dial-up and wireless
 up to 2000 cards per controller

software



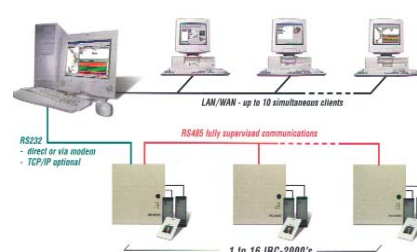
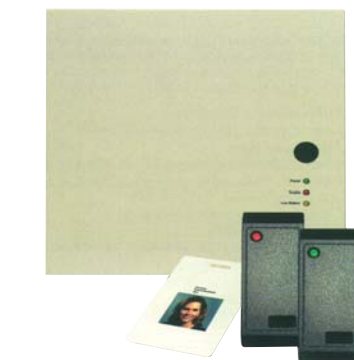
Advance Client Server design with up to 10 simultaneous users
 over TCP/IP

main features:

up to 64 reader capacity
 up to 2000 card holders
 40 holiday schedules
 16 schedules with 128 time zones
 high security mode
 lock/unlock modes
 multiple cards per user
 timed true or global anti-pass-back
 remote sites
 customised reports
 time and attendance reports
 photo ID option

SOFTWARE
 225.00

NC-100 controllers



Powerful flash firmware technology
 Supports 2 card readers each with keypad
 1400 off-line transaction
 Supports fully supervised communication via. both RS-232 and RS-485
 Each NC-100 has 8 fully supervised programmable inputs
 (4 state monitoring alarm)
 Each NC-100 has 8 programmable outputs
 (4 relays and 4-voltage output)
 User selectable communication speed up to 56.6K baud rate
 Door held open alarm and warning
 2000 access levels per controller
 Remote site dial-up capability by schedule
 TCP/IP ready controllers
 12V DC at 2A power supply per controller
 Battery back-up

NC-100
 787.50

automatic door operators

2005

key features

The 2005 is a Low Energy operator intended for light duty swing doors. This really is a truly innovative design which has many features including battery back-up in event of Power failure. The ability to select Push & Go or Low Energy operation mode. The Low Energy facility makes the 2005 Sprint particularly suitable in Hospitals, County Councils, Borough Councils, Nursing Homes and Public Buildings where Elderly and Disabled access is required.

A particular safety feature of the 2005 Sprint ensures that if it meets an obstruction on its closing cycle it will immediately re-open before automatically closing slowly whilst searching for obstruction. On the opening cycle the reverse occurs.

Prices upon application

technical information

dimensions
 maximum range
 operation
 box/housing
 opening system
 closing system
 opening speed
 closing speed
 power supply
 power input
 motor
 emergency power supply
 electric lock power supply
 anti-crush device
 limit-switch system
 adjustments
 power supply for access.
 controls

push and go
 low energy

L450 x H80 x W90mm
 80kg
 continuous duty
 black ABS
 motor driven
 by motor
 1.5 to 3 seconds
 set at 70% of full speed for opening
 230V~/50Hz
 0.2A max.
 12V
 yes
 1.2A
 standard
 automatic with encoder
 automatic closing/speed of movement
 24V~/0.5A
 enabling of automatic closing, opening, closing,
 safety reverse, stop, reset
 can be selected with dip switch
 can be selected with dip switch



2006

key features

The 2006 is a robust low Energy operator for swing doors. The 2006 is for doors up to 100kg, which are subjected to continuous use and is particularly suitable for use in Hospitals, County Councils, Nursing Homes and Public Buildings where elderly and disabled access is required.

With its geared motor the opening-closing speed adjustments are under constant control with an anti-crush feature for maximum safety. With motor driven opening and spring operated closing, the 2006 can be used for Fire Exit doors and is ideal for installations requiring gentle and easy movement rather than great force.

Prices upon application

technical information

dimensions
 maximum range
 operation
 box/housing
 opening system
 closing system
 opening speed
 closing speed
 power supply
 power input
 motor
 emergency power supply
 electric lock power supply
 anti-crush device
 limit-switch system
 adjustments
 power supply for access.
 controls
 push and go
 low energy

L560 x H127 x W116mm
 100kg
 continuous duty
 box extruded aluminium
 motor driven
 by spring
 3 to 5 seconds
 4 to 8 seconds (adjustable)
 230V~/50Hz
 1A max.
 24V
 -
 1.2A
 yes
 during opening
 automatic closing/speed of movement
 24V~/0.5A
 opening
 yes
 yes



2009

key features

Regulation of opening and closing speeds
 Regulation of acceleration and decelerations
 Safety sensor inhibiting distance in opening mode
 Pushing thrust limitation
 Wind stop force intensity
 Push and go activation distance
 Intensity of final thrust on closing phase to ensure electric lock is latched
 Activation of the functions can be selected via the on board 3 way switch on the lateral side of the operator, manual key switch or via a digital selector
 Programming the functions and parameters can be done by the on board dip switch or via the digital function selector
 The regulation of the opening angle (maximum 95°) must be adjusted at the initial installation of the operator
 In a power fail situation it can be opened by hand and closed by spring
 Door stand open
 One or two way traffic
 Night lock
 Synchronisation of two operators
 Cyclic opening and closing

Prices upon application

The new 2009 Silent Runner Automatic Swing Door Operator is designed for continuous use and is safe, sensitive, silent and reliable. This operator can be programmed to suit all applications: as an automatic low energy operator where elderly and disabled people use the doors frequently or a high volume automatic commercial operator on a busy airport - it also has the built in intelligence to install a full range of extra safety sensors if required.

Achieving compliance with the Disability Discrimination Act 1995 (DDA) and the European Directive the state of the art control panel makes the 2009 Silent Runner one of the safest and most sensitive automatic swing door operators on the market today.

technical information

dimensions
 weight of operation
 opening system
 closing system
 drive
 synchronisation
 maximum opening
 power requirements
 protection
 opening time adjustment
 separate Inputs

output
 power failure
 push & go
 adjustments
 release time

L 545 x H107 x W100mm
 12kg
 manual open by hand
 by spring
 for one door
 two operators
 95°
 230V AC/50Hz;
 IP22
 0-20 sec pause
 for motion detectors, presence sensors
 and photocells
 DC for auxiliary sensors and electric lock
 doors close by spring
 automatic opening by pushing
 via control unit or digital selector
 0.5 sec for lock before opening of door

