

Proud Southern African distributors of **DETEX** alarmed panic hardware since 2001

DETEX

V40 SERIES SELF- LATCHING HEAVY PUSH-BARS ALARMED PANIC & EXIT HARDWARE FOR EMERGENCY EXIT DOORS

The **DETEX V40** series are aesthetically pleasing heavy-duty surface mounted 'touch bar' panic devices that can withstand 600 Kg static pull-force from outside, and meet the SA requirement for 'operation initiated by body weight' in buildings with a designed occupancy of 25 or more persons.

Pushing the bar will unlock the door, allowing escape, and simultaneously sound a loud 100 dB alarm, enabling an immediate reaction. When used with an appropriate dual-action door closer (NOT included), this latching bar will re-lock the door automatically, to prevent unauthorised entry from outside. The heavy duty stainless-steel latch is mechanically deadlocked inside the stainless steel striker to prevent forcible entry (and electronically monitored against tampering on most models).

STANDARD FEATURES ON ALL **DETEX V40 SERIES** MODELS

- **DETEX** limited repair-or-replace warranty against defects in material and workmanship: **10 years on mechanical and 3 years on electronic components.** For further warranty details go to www.detex.com or ask us.
- Fast, easy, secure installation using **patented back plate & hard plastic strike locator (paperless-template)** - prevents mistakes in alignment with door and frame.
- **Escape is never prevented** regardless of the status of the alarm or the power.
- Rugged, durable, aesthetically pleasing, USA design & manufacture.
- **Stainless steel heavy-duty 20mm self-latching and deadlocking latch-bolt.**
- Discourages theft & unauthorised use of emergency doors.
- Low profile offers minimal obstruction into door opening.
- **Automatic re-locking** whenever door is closed.
- Prevents unauthorised access from outside.
- Heavy-duty ribbed aluminium rail extrusion.
- Reversible for left or right-hand use.
- Angled end-cap deflects damage.



FEATURES OF ALARMED **V40 SERIES** MODELS

- Loud 100dB internal piezo alarm
- Visual and audible 'alarm armed' confirmation
- Electronics contained inside tamper resistant housing
- Alarm is armed or disarmed from inside by turning the key

ORDERING OPTIONS FOR ALL **V40 SERIES** MODELS:

- **Double door applications** - extra hardware required for the fixed leaf
- **Standard** size for openings **minimum 865 wide** (some models can be shortened – ask us)
- **Long** model for doors 1100mm wide and upwards
- **Dogging** (hold-back) of the latch-bolt by key – must be stipulated when ordering
- **Key bypass** for the alarm is available in standard (all keyed different), keyed-alike (all keyed to the same key), and master-keyed (each unit with its own different keys and a master key to fit all. **CISA ASTRAL TEKNO S01** or **CISA C3000 T06** high security cylinders optional at extra cost.
- **External key by-pass** for authorised entry from outside without sounding alarm. **CISA ASTRAL TEKNO S01** or **CISA C3000 T06** high security cylinders optional at extra cost.
- **Door loops** 420 mm long in stainless steel available for cable concealment

DETEX[®]

V40 SERIES ARMED LATCHING PUSH-BARS PANIC & EXIT HARDWARE FOR FIRE & EMERGENCY EXIT DOORS

FEATURES OF SOME OF THE MORE POPULAR MODELS:

- **DETEX V40 x EB:** ELECTRONICALLY MONITORED LATCH BOLT WITH INTERNAL BATTERY OPERATED ALARM. Internal battery only – no external power or wiring required - uses one standard PP3 type 9 volt battery (Duracell MN1604 or Rayovac A1604) to power the alarm. Low battery warning. Alarm is armed / disarmed by key from inside. Delayed arming feature. Manual or automatic re-arming when door closes.
UL listed Grade 1 Panic hardware, UBC97 Standard 7-2 and UL10C for positive pressure, ANSI/BHMA certified A156.3-2001 Grade 1, meets requirements of EC standard BS EN 1125: 1997/A1: 2001
- **DETEX V40 x EB x W WEATHERISED FOR EXTERNAL USE: ELECTRONICALLY MONITORED LATCH BOLT WITH INTERNAL BATTERY OPERATED ALARM.** Weatherproof – tested to US Military specifications, MIL STD 810F: Method 506.4 (Driving rain), Method 509.4 (Salt fog). Internal battery only – no external power or wiring required - uses one standard PP3 type 9 volt battery (Duracell MN1604 or Rayovac A1604) to power the alarm. Low battery warning. Alarm is armed / disarmed by key from inside. Delayed arming feature. Manual or automatic re-arming when door closes. Remote alarm bypass capability (Ex-factory only). Remote signal capability.
UL listed Grade 1 Panic hardware, UBC97 Standard 7-2 and UL10C for positive pressure, ANSI/BHMA certified A156.3-2001 Grade 1, meets requirements of EC standard BS EN 1125: 1997/A1: 2001
- **DETEX V40 x EI: FOR ELECTRONIC INTEGRATION.** Ideal for integration into fire and other systems. Simple plug on-off header type terminal strip. Alarm requires external 12-24 volts AC or regulated DC power. Remote monitoring of pushpad, latchbolt, and authorised (optional) key access from outside without sounding the alarm. Alarm is armed / disarmed by key from inside. Remote alarm-bypass capability. Weatherised version for outdoor use is an option at extra cost.
UL listed Grade 1 Panic hardware, UBC97 Standard 7-2 and UL10C for positive pressure, ANSI/BHMA certified A156.3-2001 Grade 1, meets requirements of EC standard BS EN 1125: 1997/A1: 2001
- **DETEX V40 x EX: REQUEST TO EXIT SWITCHING.** EX switching monitors depression of the pushpad via a SPDT form C switch to switch external alarms and devices. Can switch 12-24 volts AC or DC. Ex- Factory only – not a stock item.
UL listed Grade 1 Panic hardware, UBC97 Standard 7-2 and UL10C for positive pressure, ANSI/BHMA certified
- **DETEX V40 x EE: 15 SECONDS DELAYED EGRESS.** (Permission required from local authority for delayed escape). Ideal for integration into fire and other systems – the 15 second delay can be overridden by the fire system. Visual and audible arming and alarm status indicators. Requires external source of 24 volts DC filtered and regulated. Remote monitoring of alarm status, pushpad and latchbolt are possible. Authorised access by key from outside without sounding the alarm - is an option. Alarm and delay are armed / disarmed by key from inside. Remote bypass capability for the alarm and the delay.
UL listed Grade 1 Panic hardware, UBC97 Standard 7-2 and UL10C for positive pressure, ANSI/BHMA certified A156.3-2001 Grade 1, meets requirements of EC standard BS EN 1125: 1997/A1: 2001
- **DETEX V4001 x ER** - Electronic latch retraction – uses 24 volts AC / DC. Momentary or continuous holdback of the latch and the pushbar, using continuous duty electronics. (i.e. Door can be held unlocked during working hours, and locked automatically after hours, or opened momentarily using any type of finger, face, iris or tag reader. In the absence of power, the door remains locked from outside, whereas escape is always possible from inside. Remote monitoring capability.
- **DETEX V40 x ED:** Electronic Dogging. Latch can be held in the open position and released electronically. Ex- Factory only – not a stock item.

DETEX V40 series alarmed touch bars are ideal for banks, office and apartment buildings, shops, supermarkets, boardrooms, factories or any premises where the fire escapes are likely to be abused in order to pilfer equipment, information and high value items or to endanger lives. They are easily & securely fitted using only standard carpenter's tools. Outside key by-pass cylinder/s and extra hardware for double-doors must be specified and ordered as extra items.