

The Trent is a heavy duty lockable handle trim, enabling operational changes from electronic access control to mechanical code access, or free access at timings of your preference.

The Trent is an optional feature to Slimline single-point and multi-point access control systems. Key cylinders disable the Slimline electronic deadlock, enabling the Trent mechanical digital code, or free-entry to be selected.



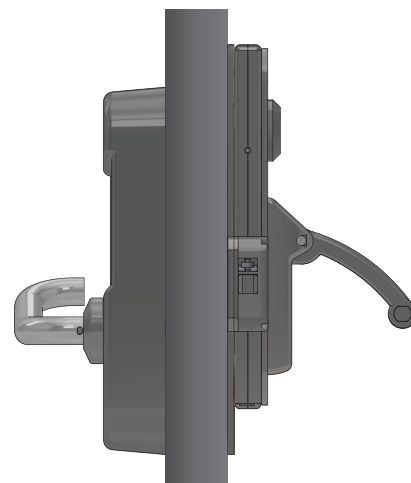
TRENT

## FEATURES

- Entry modes at timings of your preference
  - Electronic access control
  - Mechanical code access
  - Free access
- Automatic relocking after door closure when in code access mode
- Anti-vandal clutch mechanism in external lever handle, protects against abuse
- Stainless steel main casing for hostile environments and durability
- Cycle tested to over 1,000,000 cycles
- Supplied with pre-installed cylinders (keyed alike)
- 8 mm square spindle drive compatible with Surelock McGill systems
- Robust through-bolt mounting kits available
- Combination code length of 1-13 characters, with over 8,000 combinations
- Compatible with most Surelock Panic & Emergency Escape systems and maintaining the UL 305 certification and CE mark under BS EN 179, BS EN 1125

## BENEFITS

- Key controlled switching between modes of entry, at timings of your preference
- Code easily set and reset via code change tool without removing lock from door
- Enables life-safety escape at all times
- Ideal enhancement for Slimline access control systems to grant keyless entry
- Engineered for longevity and trouble-free service
- Certified to a range of international standards (see Product Performance Chart)



TRENT LOCKABLE HANDLE WITH ACCESS CONTROL SLIMLINE

## OPTIONAL ENHANCEMENTS

- Request to Exit (REX)
- Breakdome over thumbturn and lever handle to control exit
- Infinite 'iRestraint' restrains bolts throughout their opening travel
- Choice of exit device operators
- 24V DC fail secure, 12V DC or 24V DC fail safe

## PRODUCT PERFORMANCE CHART

☐ Indicates product has been certified, or tested & approved as part of a complete doorset assembly. Product certification is subject to the chosen lock configuration, for full details please contact the sales office.

| SECURITY |     |     |     |     |     |     |     |                |         |   |   |   |            |         | SAFETY | BALLISTIC | BLAST  | FIRE | CORROSION | CYCLES       |                     |        |          |       |  |  |  |
|----------|-----|-----|-----|-----|-----|-----|-----|----------------|---------|---|---|---|------------|---------|--------|-----------|--------|------|-----------|--------------|---------------------|--------|----------|-------|--|--|--|
| LPS 1175 |     |     |     |     |     |     |     | LPS 1673 (AR.) |         |   |   |   | FEBR (min) | EN 1627 |        |           |        |      |           |              | STS 202             | PAS 24 | LPS 2081 |       |  |  |  |
| Issue 7  | SR1 | SR2 | SR3 | SR4 | SR5 | SR6 | SR7 |                |         |   |   |   |            |         |        |           |        |      |           |              |                     |        |          | SR8   |  |  |  |
| Issue 8  | A   | B   | C   | D   | E   | F   | G   | H              | TIME    | A | B | C | D          | 60      | RC6    | BR6       | PAS 24 | SRB  | EN 1125   | EN1522 FB1-7 | ISO 16933 EXV 15/25 | UL 10C | GR5      | 1 MIL |  |  |  |
| 20 MIN   |     |     |     |     |     |     |     |                | 300 SEC |   |   |   |            |         | 15 MIN |           |        |      |           |              |                     |        |          |       |  |  |  |
| 10 MIN   |     |     |     |     |     |     |     |                | 240 SEC |   |   |   |            |         | 5 MIN  |           |        |      |           |              |                     |        |          |       |  |  |  |
| 5 MIN    |     |     |     |     |     |     |     |                | 180 SEC |   |   |   |            | 3 MIN   |        |           |        |      |           |              |                     |        |          |       |  |  |  |
| 3 MIN    |     |     |     |     |     |     |     |                | 120 SEC |   |   |   |            | 1 MIN   |        |           |        |      |           |              |                     |        |          |       |  |  |  |
| 1 MIN    |     |     |     |     |     |     |     |                | 60 SEC  |   |   |   |            | 30 SEC  |        |           |        |      |           |              |                     |        |          |       |  |  |  |
| 30 SEC   |     |     |     |     |     |     |     |                | 30 SEC  |   |   |   |            | 5       |        |           |        |      |           |              |                     |        |          |       |  |  |  |
| 30 SEC   |     |     |     |     |     |     |     |                | 30 SEC  |   |   |   |            | 5       |        |           |        |      |           |              |                     |        |          |       |  |  |  |
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| 30 SEC   |     |     |     |     |     |     |     | </             |         |   |   |   |            |         |        |           |        |      |           |              |                     |        |          |       |  |  |  |

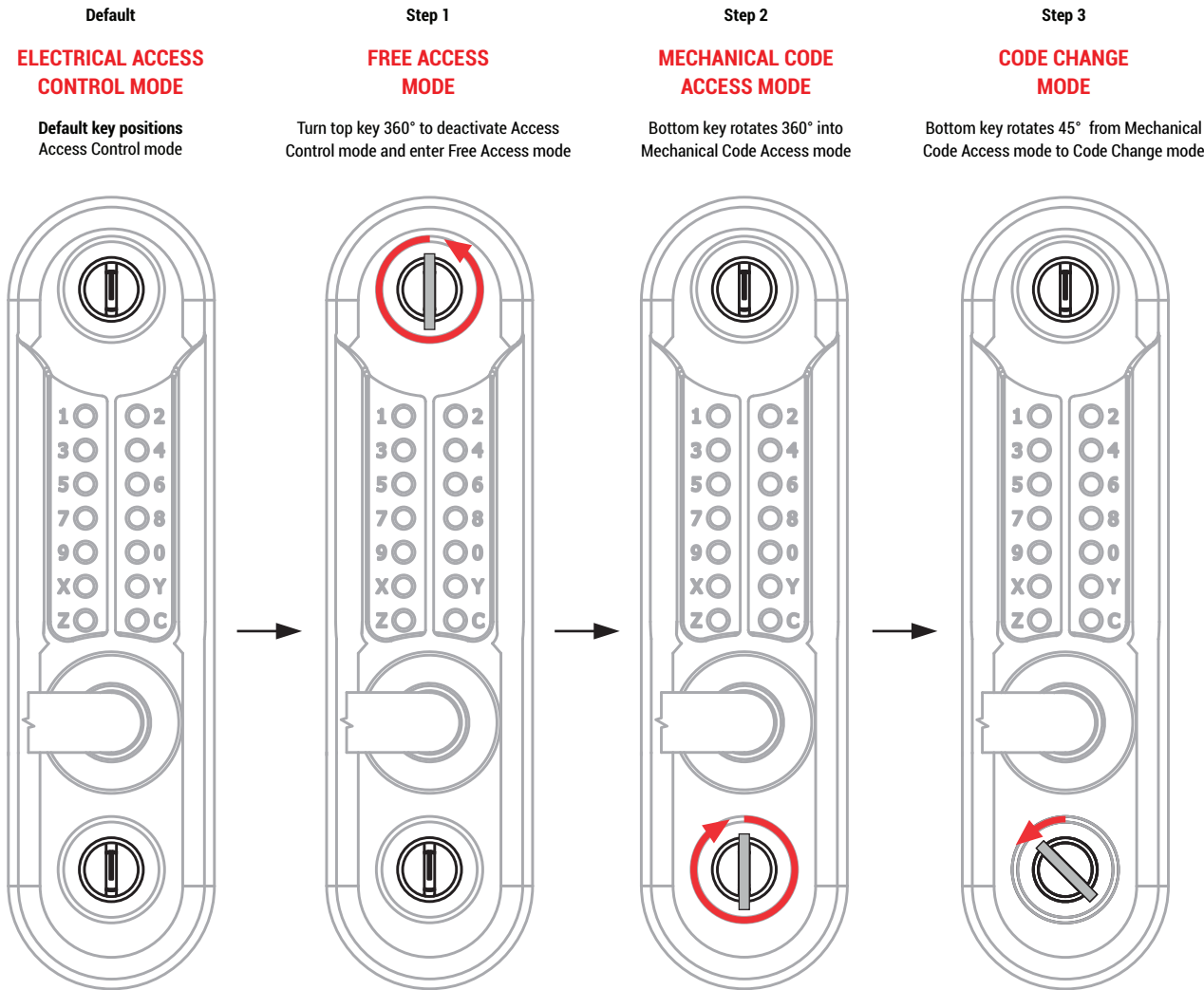
METHOD OF ENTRY

|                                            |                                                                                               |
|--------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>ELECTRONIC ACCESS CONTROL (PRIMARY)</b> | Provided by the Slimline access control system and lever handle (mechanical keypad disabled)  |
| <b>MECHANICAL CODE ACCESS</b>              | Provided by the Trent digital keypad and lever handle (Slimline electronic deadlock disabled) |
| <b>FREE ACCESS</b>                         | Lever handle allows entry at all times                                                        |

EXIT FUNCTIONS

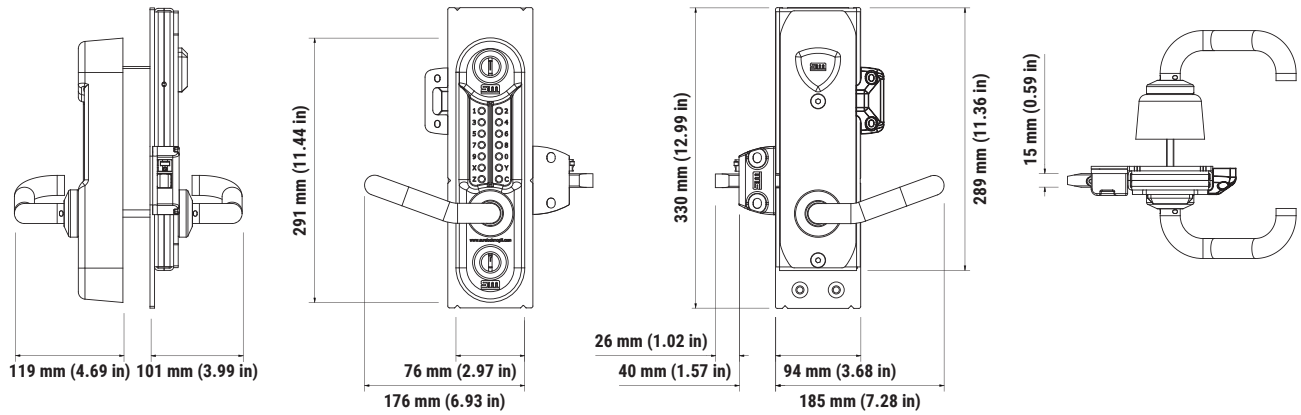
|                                 |                          |
|---------------------------------|--------------------------|
| <b>PANIC BAR</b>                | Life-safety panic egress |
| <b>EMERGENCY – PUSH PAD</b>     | Single operation egress  |
| <b>EMERGENCY – LEVER HANDLE</b> | Single operation egress  |

TRENT KEY POSITIONS\*

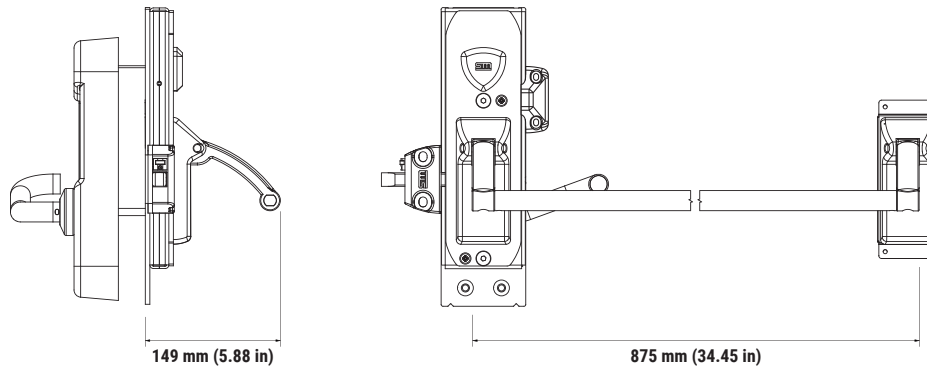


\* All key positions and directions are based on a left hand handle package. Key direction is reversed for a right handed package.

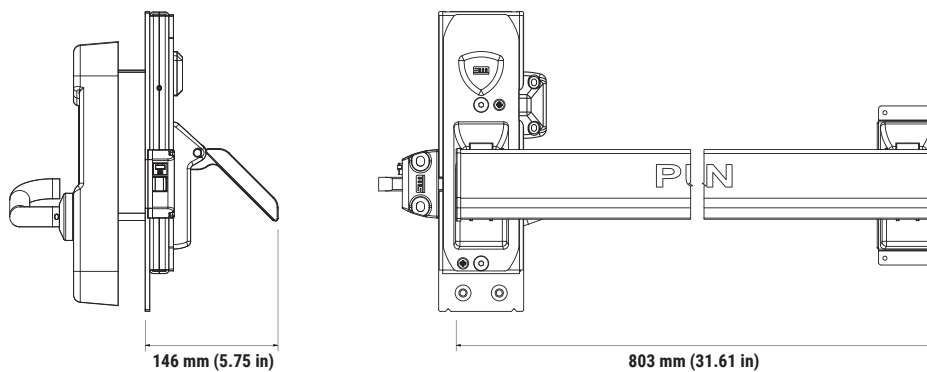
## TRENT - LOCKABLE HANDLE TRIM TECHNICAL DRAWINGS



## TRENT - LOCKABLE HANDLE TRIM WITH LEVER HANDLE



## TRENT - LOCKABLE HANDLE TRIM WITH PANIC BAR



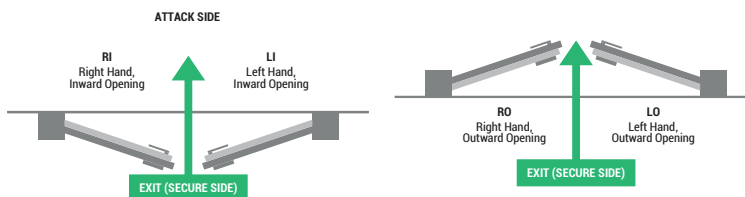
## TRENT - LOCKABLE HANDLE TRIM WITH PANIC BLADE

## ORDERING CODES

A Slimline access control lock follows the usual Slimline structured ordering code that covers the chosen methods of entry, securing and exit, followed by enhancements to further customise the device. The 'Trent' lockable handle trim requires option code 'Q18' to be appended, as follows.

### EXAMPLE ORDER CODE:

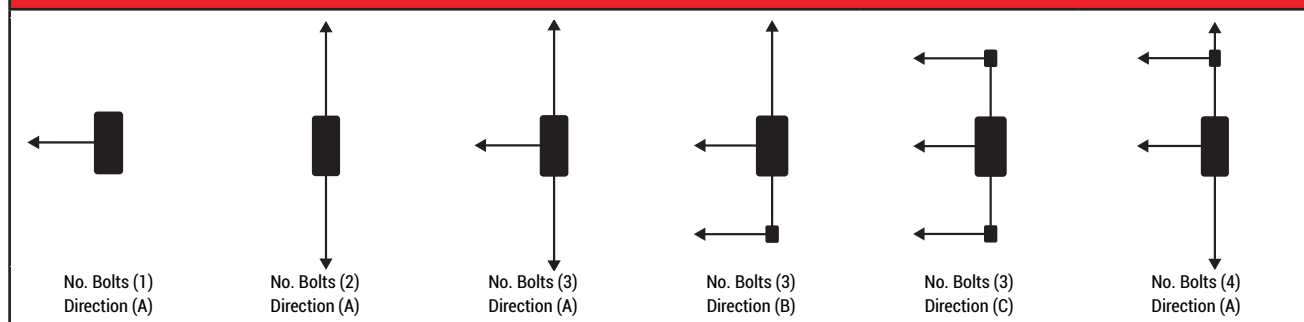
SL1A-AMLE-AA-LMLE-LO-Q18



| PRODUCT        |                           |       | ENTRY           |                | SECURING          |                                 | EXIT      |                                   | ENHANCEMENTS                     |                         |                         |  |
|----------------|---------------------------|-------|-----------------|----------------|-------------------|---------------------------------|-----------|-----------------------------------|----------------------------------|-------------------------|-------------------------|--|
| RANGE          |                           | BOLTS | UNLOCKING       |                | UPON DOOR CLOSURE |                                 | UNLOCKING |                                   | Q18                              | Trent                   |                         |  |
| SL             | Surface                   | 1-7   | A               | Access control | AA                | Auto bolting / Auto deadlocking | L         | Single Handed / Panic - Emergency | K04                              | Thumbturn and Breakdome |                         |  |
| BOLT DIRECTION |                           |       | BOLT RETRACTION |                |                   |                                 |           | A                                 | Access control                   |                         | Thumbturn and Breakdome |  |
| A-E            | See table below           |       | M               | Manual         |                   |                                 |           | BOLT RETRACTION                   |                                  |                         |                         |  |
|                |                           |       | OPERATOR        |                |                   |                                 |           | M                                 | Manual                           |                         |                         |  |
|                |                           |       | LE              |                |                   |                                 |           | Lever handle (Tubular ergonomic)  | OPERATOR                         |                         |                         |  |
|                |                           |       |                 |                |                   |                                 |           | LE                                | Lever handle (Tubular ergonomic) |                         |                         |  |
|                |                           |       |                 |                |                   |                                 |           | PB                                | Panic bar (Blade aluminium)      |                         |                         |  |
|                |                           |       |                 |                | PP                | Push pad                        |           |                                   |                                  |                         |                         |  |
| PE             | Panic bar (Tubular st/st) |       |                 |                |                   |                                 |           |                                   |                                  |                         |                         |  |

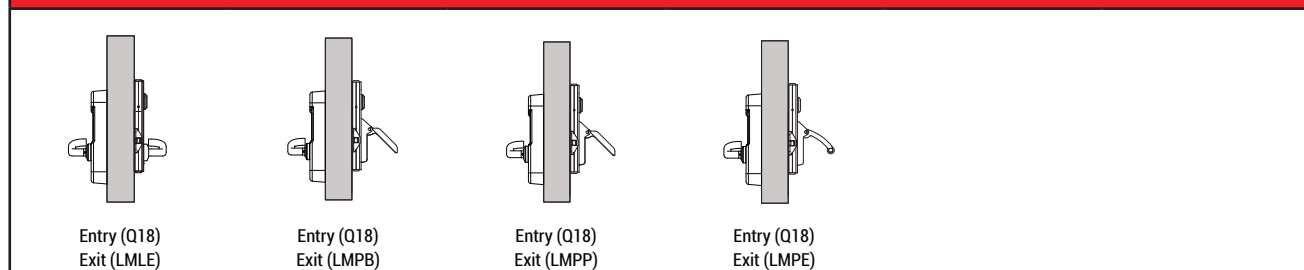
### EXAMPLE BOLT DIRECTIONS

See coding chart above for reference



### EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference



For further ENTRY and EXIT methods & a full range of enhancements please contact our sales office.

## SLIMLINE ACCESS CONTROL POWER CONSUMPTION

| SYSTEM                    | VOLTAGE | POWER CONSUMPTION PER SOLENOID | CURRENT DRAW PER SOLENOID | RECOMMENDED POWER SUPPLY |               |
|---------------------------|---------|--------------------------------|---------------------------|--------------------------|---------------|
|                           |         |                                |                           | SINGLE SOLENOID          | TWIN SOLENOID |
| 12 V – Energise to unlock | 12 V    | 10 W                           | 0.8 A                     | 12 V 1.5 A               | 12 V 2.0 A    |
| 24 V – Energise to unlock | 24 V    | 10 W                           | 0.4 A                     | 24 V 1.0 A               | 24 V 1.5 A    |
| 12 V – Energise to lock   | 12 V    | 10 W                           | 0.8 A                     | 12 V 1.5 A               | 12 V 2.0 A    |
| 24 V – Energise to lock   | 24 V    | 10 W                           | 0.4 A                     | 24 V 1.0 A               | 24 V 1.5 A    |