

Type A - Electro-Mechanical Power Assisted Operator

REL.9130 and REL.9140 Series An Overview

This Relcross solution is a universal mains powered automatic door operator. When installed correctly with all necessary safety equipment **REL.9130** and **REL.9140** series operators are fully compliant with the requirements of the Equality Act.

The **REL.9130** and **REL.9140** series allow safe and easy access for all users and are designed primarily with slow moving traffic in mind - taking into account the needs of the disabled, wheelchair users, the elderly or infirm and those carrying heavy loads.



REL.9130



This state-of-the-art solution is suitable for interior and exterior doors. **REL.9130** and **REL.9140** operators are non-handed and suit both pull side and push side applications respectively.

The many standard features include a "push and go" facility and an automatic safety stop (or obstacle detection) mechanism, that is activated immediately if the door makes contact with an obstacle.

Additional features such as power boost, adjustable spring closing force and adjustable latching position facilitate precise door control in all conditions. Integral ports are provided for additional activation and sensor units. Accessories such as electric strikes, access control systems, electrified locks and card readers may be easily retro-fitted.

Standard Features and Benefits

- **Mains Power** - Requires no supplementary power source
- **Switchable Push and Go** - For automation without additional activation devices
- **Power Boost** - Ensuring positive latching
- **Adjustable Spring Closing Force** - To accommodate multi-site conditions
- **Safety Stop** - Providing built-in obstacle detection
- **Adjustable Latching Position** - For precise door control
- **Integral 'Ports'** - For additional activation and sensor units

Minimum door widths*	660mm (push) & 760mm (pull)
Maximum door width	1200mm
Maximum door weight	80 kilos
Opening system	Electromechanical
Closing system	Spring controlled
Opening speed	Adjustable
Closing speed	Adjustable
Hold open time	Up to 30 seconds
Power requirement	230/250V AC single phase 50/60Hz
Transformer output	24V ac/dc
Fire certification	120 minutes

*Door Widths

Although this operator suits doors as narrow as 660mm it should be borne in mind that, in order to accommodate wheelchair access, the minimum effective clear width through a doorway (per BS 8300:2001 part 6.4.1) is 800mm (850mm preferred).

Mains Power & Other Connections

Power is fed directly to the back of the unit where hollow metal frames allow or, alternatively, via the cover end caps where the operator is fixed to a solid frame.

When using this operator with door mounted safety sensors, power transfer devices (either surface mounted or concealed) must be introduced (see Access Control Brochure).