

**STANDARD FEATURES INCLUDED IN THE CONTROL PANEL**

**Control Features**

- 110V/230VAC Door detector supply
- Alarm supply 12Vdc 1A/hr
- Standard adhesive component labels
- Dewhurst EnBuzz interface
- Dual illumination
- Non-adjustable Thermostat
- Phase failure / phase reversal protection
- Motor thermistor protection
- Door open & door close push indicator outputs
- Alarm Filtering in compliance with EN81-28:2018
- Emergency electrical operation
- ECO mode car light & fan turn off
- Door Nudging
- Advance door opening
- Relevelling
- Volt-free Lift in/out of service & Lift alarm contacts
- Top of Car Termination Box (Including serial Car Module)
- Low Smoke Zero Halogen cable
- Miniature Circuit Breaker protection

**The following assumptions will be made unless specifically stated otherwise.**

- Lift counterweighted at 50%.
- Gear efficiency approximately 70%.
- Well efficiency approximately 80%.
- No compensation ropes fitted.

Maximum acceleration & jerk rates  
Please specify if alternate values are required

Lift speed (m/s)	Accel rate (m/s <sup>2</sup> )	Jerk rate (m/s <sup>3</sup> )
< 1.0	0.4	0.6
1.0 - 1.5	0.7	0.75
1.6 - 2.4	0.8	0.9
2.5 - 2.9	0.9	1.0
3.0 - 4.9	1.0	1.25
5.0 - 5.9	1.2	1.5
> 5.9	1.2	1.8

**Standard Ethos Microprocessor features**

- Service control / Car preference
- 90% load weighing
- 110% load weighing
- Emergency recall to fire floor (selected via Ethos MMI), doors dwell closed
- Fire alarm recall to fire floor (selected via Ethos MMI), doors park open (default)
- Homing (floor selected via Ethos MMI)
- Anti nuisance
- Door disable switch
- Prepare to test switch
- Double journey timer
- English language Colour touch screen MMI
- Facility for inserting car & landing calls via Ethos MMI
- Floor position, car direction, doors status & lift status graphical display
- Digital trip counter
- Door nudging buzzer output
- No Entry Indicator Output

**Call pushes**

- 24Vdc 3 wire Car & Landing call pushes.
- Maximum power rating for each call push 1W

**Controller Mechanics – Non MRL**

- Wall/floor mounted cabinet, powder coated mild steel
- Dimensions: Height 1200 - 1800mm, Width 800mm, Depth 400mm
- DBR resistors (where required) mounted on the top of the cabinet
- Centre opening doors.
- IP22 rating

**Controller Mechanics - MRL**

Refer to MRL ED5 forms for available controller mechanical options.

**Compliance details**

Products are manufactured within a system certified to BS EN ISO9001:2000