

D A T A S H E E T

Swing Door operator UWD2200 / KONE SWD

General:

- **Application;** single and double swing doors, for in- and outside use. Suitable for new and existing standard doors and larger, heavier doors
- **Construction;** universal, for left and right hinged doors (DIN L/R). The electro-mechanical swing door operator is able to fit on both sides of the door in pushing, pulling and balance (space saver) construction
- **Emergency exit route;** in pulling construction the swing door can be equipped with a break out system. This allows for the door to open in the opposite way from its normal opening direction
- **Door weight;** dependent on circumstances and door width
- **Functions;** free programmable
- **Power failure;** the door operator is manual to use (if not locked) as a normal spring closer. All pre-programmed values are stored in the computer
- **Emergency power supply;** optional it is possible to connect an UPS with a back-up time from about 1 till 1,5 hour. The UPS will be installed outside the door operator.
Dimensions: 230 x 285 x 86 mm.
- **Safety;** all safety features contribute to a safe use of the complete door and meet all valid guidelines
- **Cover;** standard in aluminium design: silver anodized, mill finished or coated in RAL colour
- **Certification;** all KONE swing door operators are TÜV approved and meets all the international CE standards and safeties.

Function description:

- **Basic unit;** electro mechanical door operator with design cover. The door opens on motor power and closes on spring power with motor help
- **Control unit;** a self monitoring computer
- **Door moving;** opening and closing speed, opening time and opening width are easy programmable with an automatically self learning cycle
- **Line power;** 230V, 50 Hz, 2 Amp, 1 phase. Nominal power 80 W.
- **Comfortable use;** low noise, energy saving and low costs of maintenance
- **Operating functions;** automatic, pulse open/close, manual, push and go, wind stack
- **Push and Go;** after opened manually for a few cm., the motor takes over the opening cycle
- **Wind stack;** this function prevents the door from being opened by high wind force. In case of high wind force, the motor will keep the door in closed position
- **Operation;** selection in manual operated activators (push buttons and switches), motion detectors, safety sensors, remote control, entrance control system and program selector button with led indication, surface mounted or built in cover
- **Motion detectors and safety sensors;** 1 and 2 way radar detectors, infrared motion detectors and safety sensors, photo cells
- **Program selector button;** selector button for the functions automatic open and close, open position and manual use (normal spring closer)
- **Optional modules;** to activate several functions:
 - Master slave configuration: sequential opening / closing
 - Fire alarm; intercom; access systems, etc.

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Safety facilities (standard* or optional):

- **Electronic safety reverse***; pre-programmed in the control unit, during opening and closing direction
- **Swing area safety***: several possibilities, the area inside the swing area is always monitored. The door moving will be stopped by opening and reverse by closing
- **Photo cell safety**: mounted in the door opening. Guarded and tested, prior to every door closing cycle. The control unit tests with every door cycle the function of the photo cells
- **Finger trap safety**; synthetic safety strip between door panel and frame, adjustable to avoid fingers getting stuck
- **Low energy application**; for elderly houses or equal:
 - Adjustable obstacle safety: Open and close direction
 - Adjustable motor force: For safe speed in open and close direction
- **Locking**: several electrical and manual possibilities
- **Indication**; Optical and acoustical indication for function and status of unit.