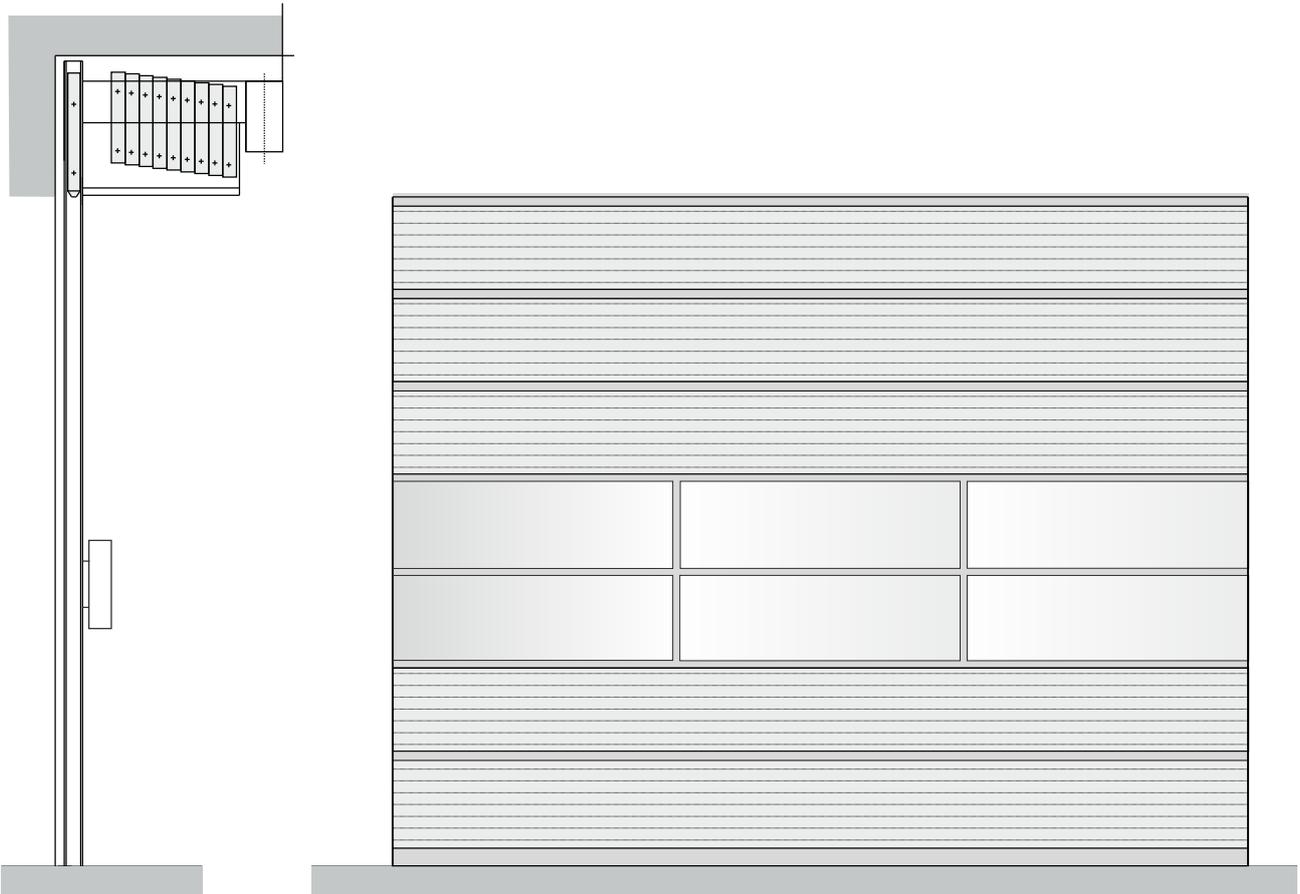Butzbach GmbH
Industrietore
Weiherstraße 16
89293 Kellmünz (Germany)
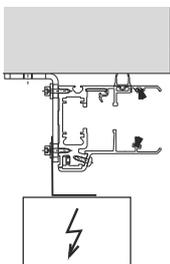
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BUTZBACH
DOORS+FAÇADES

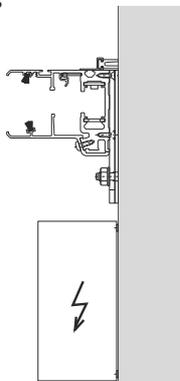INTELLIGENT | PROFESSIONELL | SOLIDE

Technical Data
SPACELITE® HT 40

Mounting and Fixing Modes

Assembly behind the reveal

Assembly within the reveal

Technical Data

Door panel depth (mm)	40
Max. door width (mm)	5500
Required lintel height (mm)*	750/ 780/ 890
Door operation in dead man's mode	■
Vision element (panel) in acrylic glass	●
Double glazed panel - insulated glazing	●
Vision element (oval window)	●
Anti-drop device	■
Overload protection (drive unit)	●
Door operation in self-holding circuit	●
Safety edge control	●
High opening speed	●
Aluminium profiles colour coated	●
Aluminium profiles anodised	●

■ = standard equipment
● = available

* Please contact us, if the required lintel height is not available. We can offer other technical solutions. For large door height dimensions the lintel height can exceed the above given value.

We have detailed technical drawings with the necessary installation dimensions for each door type at your disposal.

Version of 02.02.2012 · Subject to technical alterations.

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DOORS+FAÇADES

Technical Data
SPACELITE® HT 40

Mains connection	(supplied by contractor) 400 V/ 50 Hz, pre-fuse 10 A three-phase current automation. **Doors with frequency converter:** 230 V/ 50 Hz, 16 A one-phase current automation. Make sure the residual current-operated circuit breaker (type B) is designed for both: Residual alternating current and residual pulsating direct current with a residual current 300 mA. **Note!** The operator is responsible for the door inspection according to VDE 0100-610 or IEC 60364-6-61 respectively.Three-phase current connection: Apply a »clockwise rotating field«.
Drive unit	Electrically driven, final position switch-off, thermal overload protection, protection class IP54 (option: IP65), power: 0.85 kW to 1.8 kW (depending on door size + equipment). Option: Mechanical overload protection.
Control voltage.	24 V DC
Control system.	located inside the plastic housing (w182 x h254 x d90 mm), protection class IP 54; optional: fast opening with a frequency converter included (housing dimensions: approx. w180 x h790 xd150 mm), attached to the door track at operation height. Standard: Door opens in self-holding circuit/ closes in dead-man's mode, option: automatic mode, door opens /closes in self-holding circuit. Connection clamps and a 24 VDC power supply to connect a photo eye for passage control, are included. Two adjustable output relays for a potential-free indication door open/ door closed state, to trigger traffic lights and signal indicators or the courtyard-light function are provided. Operating states and malfunctions are indicated via LEDs or numerical codes.
Door panels	Twin-walled fibreglass panels, colour shades: brilliant, emerald-green, sapphire-blue (option). Aluminium profiles (blank, optional RAL colour-coated or anodised according to DIN 17611), rubber sealings; side profiles including guide rollers. Light transmission up to 78 % (dependent on colour and thermal insulation). U_p-value for the twin-walled fibreglass panels: 2.5 W/m^{2}K, optional 1.7 W/m^{2}K or 1.4 W/m^{2}K. Option: Oval window. **Note!** Due to the laws of physics, twin-walled fibreglass panels are not diffusion-proof.
Double glazed panel . . .	This option is available for door widths of max. 5000 mm. Aluminium side profiles are visible from the exterior (blank, option: colour coated or anodised according to DIN 17611); interior: Glazing bead profiles and hand guard profiles made of PVC (similar to colour 7047 grey). Insulated glazing: (U_g-value approx. 1.1 W/m^{2}K) made of 2x4 mm tempered safety glass, overall size 24 mm, depending on the door width, maximum two vertical transoms may be installed. Outdoor installation upon request.
Vision panel (option) . . .	Double glazed panel (5mm + 3mm) incl. aluminium side-profiles (blank, option: colour coated or anodised according to DIN 17611), reinforcement for widths > 4,55 m; depending on the door width: installation of up to three transoms, trimmed edges. Upon request other filling materials (e.g. polycarbonate, perforated sheets)
Tracks	Aluminium profiles, solid (blank, optional RAL colour coated or anodised according to DIN 17611), detachable track covers, integrated safety rails for the anti-drop device. On the drive-unit side: Cable duct (plastic, RAL 7035 light grey), options: Automatic mode with cable guide, heating integrated in guide profiles.
Cassettes.	Made of galvanised steel; drive unit on right-hand side (optional: on left-hand side); drive tube, safety rail.
Door speed.	Opening/closing up to 20 cm/s (depends on size and equipment), option: opening speed up to 40 cm/s.
Door sealing	Between the door panels: rubber seals, between the door panels and tracks: brush profiles, towards lintel and reveal: with rubber seal lips, towards the floor with a double rubber-profile.
Safety	Anti-drop device TÜV-tested (German technical surveillance agency), complying with regulations of German employer's liability insurance association. Mechanical elements integrated inside the tracks. Option: Operation in self-holding circuit with opto-electronical sensor as safety edge control, self-monitored.
Emergency operation . . .	Mechanical via attachable crank handle or optional via hoist chain.