



Modernization Electronics Kit



KLEEMANN

Your 1st Choice in Lifts



GENIUS20

MODERNIZATION SOLUTION GENIUS20

KLEEMANN Modernization offers you customized, reliable and compatible solutions. From full or partial modernization to components' replacement and special solutions, KLEEMANN Modernization upgrades the user's experience affecting both the aesthetic and the mechanical part of the elevator.

Improve your lift's safety, performance and reliability with KLEEMANN GENIUS20

- **VERSATILITY.** No need to change other parts. Genius20 is compatible with most machines and doors of the market*.
- **SAFETY.** Upgrade to all the newest Safety Standards.
- **ENERGY EFFICIENCY.** Genius20 with VVVF reduces your energy consumption compared to layout without inverter. To minimize your energy consumption combine it with our stand by mode and regeneration drive.
- **SMOOTH** and **PRECISE** ride. Genius20 offers you maximum comfort and an excellent ride quality.
- **ADVANCED CONNECTIVITY** with BMS and IoT solutions
- **COMPLETE** electronics kit. Renew your elevator with KLEEMANN Genius20.
- **FLEXIBILITY.** Genius20 solution for various MRL models.*



KLEEMANN also offers modernization solutions in order to upgrade hydraulic lifts that combine both:

- Energy Saving
- Excellent Ride Quality

Our team of experts can help you find the best solution to modernize your elevator.

* CONTACT US AT modernisation@kleemannlifts.com

KLEEMANN Genius20 Specs

| | |
|-------------------------------------|---------------------------------|
| Number Of Stops | 2-48 |
| Speed (m/s) | Up to 3.0 |
| Traction Manufacturer Compatibility | with most motors of the market* |
| Type of Valve's Block | with most valves of the market* |
| Call's Automation | All Options |
| Lift Automation | All Options |
| Standard | All Options |
| Safety Standards | All Options |
| Number of COP (s) | Up to 2 |
| Entrances Served | Up to 3 |
| Car Door Compatibility | Automatic, Folding Bus |
| Short Flooring (mm) | 300 |
| Common DC | + Positive |
| Voltage Of Button Panels (V) | 24 |
| Double Selective | Yes |



| | |
|--------------------------------|----------------------------------|
| Power Of Controller | Up To 55kw |
| Lift's Automation | All Options |
| Start-Up | All Options |
| Emergency Evacuation | All Options |
| Relevelling | All Options |
| Button Panels Direction Arrows | All Options |
| Fireman Service | All Options |
| Inverter Type | Zetadyn, STEP & Fuji Frenic LM2A |



OPERATING PANELS

Refresh the aesthetics of your elevator



DKC
Surface Mounted

Dimensions
(W) 200 mm x
(D) 24 mm (H) 1000 mm

HALO SC600
Car Operating
Panels

Dimensions
(W) 225 mm x
(D) 14 mm (H) 1900 mm

AKC-BES
Flush Mounted

Dimensions
(W) 200 mm x
(H) 1900 mm



AKL 001 AKL 002 AKL 101 AKL 003



AKL 102 AKL 005

Dimensions
(W) 85 mm x (H) 265 mm



AKL 241 AKL 242

Dimensions
(W) 210 mm x (H) 250 mm

Colors may differ slightly from those shown in the brochure, owing to the limitations of the printing process. Pictures of the materials illustrate detailed part of each material and not its rendering on the cabin surface.

OPERATING PANELS

Refresh the aesthetics of your elevator



FTL 101 FTL 102
Slim Slim

Dimensions
(W) 108 mm x (D) 10 mm x (H) 230 mm

FTL 001 FTL 002
Slim Slim

HALO SL621 HALO SL630
DIMENSIONS WITH DISPLAY (W) 95 mm x (D) 14 mm x (H) 335 mm
DIMENSIONS WITHOUT DISPLAY (W) 95 mm x (D) 14 mm x (H) 225 mm

INDICATORS & BUTTONS



FTHL Inox Slim
Dimensions
(W) 230 mm x (D) 10 mm x (H) 108 mm

HALO SH600
Dimensions
(W) 335 mm x (D) 14 mm x (H) 95 mm

Card reader

Secret code



MT-42
Dimensions
(W) 39 mm x (Y) 39 mm

RT-42 Antivandal
Dimensions
ø 30 mm

B37Q
Dimensions
(W) 37 mm x (H) 37 mm

B37R
Dimensions
ø 37 mm

H40Q
Dimensions
(W) 40 mm x (Y) 40 mm

AUTOMATIC / FOLDING DOORS

Comply with the latest safety standards



Central Full Glass



Bus FD320

MOTORS & POWER UNITS

Improve your riding quality



Geared



Gearless



kleemannlifts.com

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