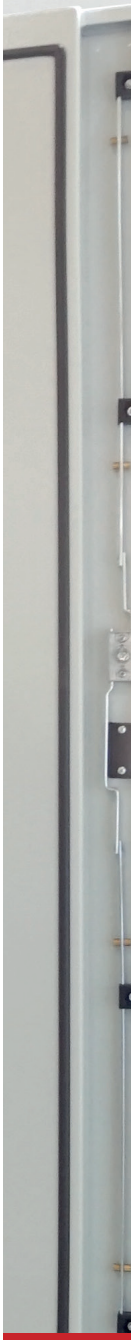


FREE-CAB-SAFETY

Douple walled aluminium
control cabinet
Protection class IP66

LUKA
YOUR SAFE CONNECTION

FREE-CAB-SAFETY
Maximum Protection

The FREE-CAB-SAFETY offers optimum safety for your systems.
Extend the lifetime of your investments by using the right kind of Protection!

Resistant, sturdy, Impermeable. This distinguishes the FREE-CAB-SAFETY. Made of 2mm Almg3 aluminum - for high corrosion protection.

Special profile technology and double-walled construction - guarantees enormous robustness. Unique RC2 certified 4-point locking system - complete protection against external influences.

ADVANTAGES

- Protection class IP66 acc. to EN 60529
- Impact strength IK10acc. IEC 60068-2-75
- High vandalism protection by RC2 locking system
- Typproofed acc. DIN EN 62208
- Construction material AlMg3
- Coated internal ans external corrosionpro-tection class C3 acc. DIN EN ISO12944
- Circulated foamed PU-sealing with special UV-resistance UL 94-V0
- Adapter plate in the sidewalls for easy ad-ditional mounting of ventilation system

VERSATILE

STURDY

MODULAR

Almost all extreme environmental and conditions can be realized with the FREE CAB SAFETY. Whether tropical heat, freezing cold or application in the sandy desert.
With the FREE CAB SAFETY you can realize your projects even in the most adverse conditions. The double wall system and therewith associated natural convection reduces the necessary cooling capacity.
Filter fans, heaters or air conditioners can be easily integrated.

OPERATIONAL AREAS

- Energy supply
- Railway signaling systems
- Measuring and control technology
- Traffic guidance systems
- Low and medium-voltage switchgears
- E-Mobility
- Smart Grid
- Renewable enery
- Telecommunication

FREE-CAB-SAFETY
Details and Functions

The FREE-CAB-SAFETY can be indicidually designed according tp your requirements.

Discover your new possibilities!

A PU-foam seal in combination with a unique 4-point locking system ensures the appropriate compression and seals the housing perfectly, so that the IP66 degree of protection is achieved. Other installations can be flexibly fixed to the vertical and horizontal system profiles. Further system profiles can be easily and conveniently ordered and subsequently retrofitted.

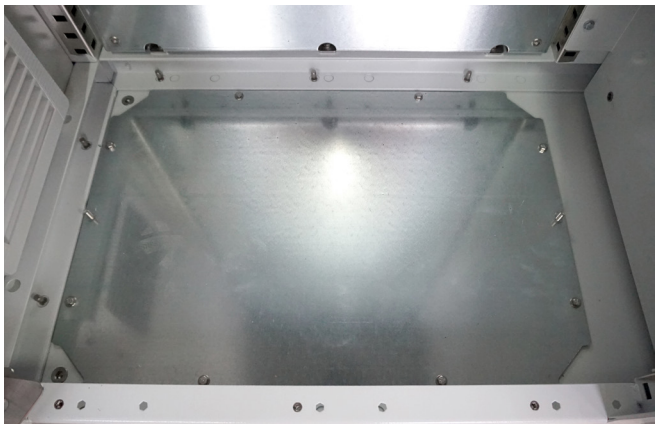
All doors are prepared for the individual assembly of accessories

- Laptoptable
- Circuit diagramm bag
- Additional profiles

Adapter plates in the side walls and in the sub-roof make it easy to retrofit aeration systems.

Choose from various climate packages your individual solution. Whether filter fan, air conditioner or heat exchanger.

We will be happy to advise you on a concept that is perfect for you.



The floor is covered by a flange plate of sendzimir - galvanized sheet steel. This offers the possibility of installing various cable entry systems.

The 25 mm base allows installation on a foundation or on a concrete base.

All standard RAL colours are available at no extra charge.

FREE-CAB-SAFETY
STANDARD SINGLE CABINET

Height (mm)	Width (mm)	Depth (mm)
1200	800	500
1200	1200	500
1200	1600	500
1200	1800	500
1200	2000	500
1500	800	500
1500	1200	500
1500	1600	500
1500	1800	500
1500	2000	500
1800	800	500
1800	1200	500
1800	1600	500
1800	1800	500
1800	2000	500

Characteristics of standard design:

- Douple-walled aluminium housing
- Raw material Almg3
- Basic frame made of aluminium profiles
- Cabinet frame inside with vertical and horizontal system profiles
- Exteriour and interior coated RAL70035, coarse structure
- Protection class IP66 according to EN60529
- Impact resistance IK10 according to IEC 60068-2-75
- Type test according to DIN EN 62208
- 4-Point locking system, RC2
- Floor closed with cover plate
- Standard base frame made of aluminium, Height 25mm
- Door, icl. Door lock made of V2A with latching function 90° / 120
- Tinned grounding straps on each door (conection of body/ frame)
- Standard rain shelter, under-roff prepared for crane eyes, crane eyes loosely attached
- Swivel lever prepared for profile half cylinder
- 1-leaf door, door hinged right
- 2-leaf door with removable center bar
- Foamed PU seal with special UV compatibility and UL 94-V0
- Sub-roof and side walls with adapter plates prepared for retrofitting of active ventilation systems
- Doors prepared for individual installation of supplies
- Mounting plate made of galvanized steel 2,5mm with mounting aid
- Ventilation membranes mounted in the under-roof

FREE-CAB-SAFETY-EVU
STANDARD CONTROL CABINET
with Energy-supply-Compartment

Heigth (mm)	Width (mm)	Depth (mm)	EVU (mm)
1200	1600	500	600/800
1200	1800	500	600/800
1200	2000	500	600/800
1200	2300	500	600/800
1200	2600	500	600/800
1500	1600	500	600/800
1500	1800	500	600/800
1500	2000	500	600/800
1500	2300	500	600/800
1500	2600	500	600/800
1800	1600	500	600/800
1800	1800	500	600/800
1800	2000	500	600/800
1800	2300	500	600/800
1800	2600	500	600/800

Characteristics of standard design - EVU:

- Douple-walled aluminium housing
- Raw material Almg3
- Basic frame made of aluminium profiles
- Cabinet frame inside with vertical and horizontal system profiles
- Exteriour and interior coated RAL70035, coarse structure
- Protection class IP66 according to EN60529
- Impact resistance IK10 according to IEC 60068-2-75
- Type test according to DIN EN 62208
- 4-Point locking system, RC2
- Floor closed with cover plate
- Standard base frame made of aluminium, Height 25mm
- Door, icl. Door lock made of V2A with latching function 90° / 120
- Tinned grounding straps on each door (conection of body/ frame)
- Standard rain shelter, under-roff prepared for crane eyes, crane eyes loosely attached
- Swivel lever prepared for profile half cylinder
- Swivel lever prepared or two profiles hald cylinder at the Energy-supply-Compartment
- 1-leaf door, door hinged right
- 2-leaf door with removable center bar
- Foamed PU seal with special UV compatibility and UL 94-V0
- Sub-roof and side walls with adapter plates prepared for retrofitting of active ventilation systems
- Doors prepared for individual installation of supplies
- Mounting plate made of galvanized steel 2,5mm with mounting aid
- Ventilation membranes mounted in the under-roof
- Center bar with partition wall between control and ener-gysupply unit