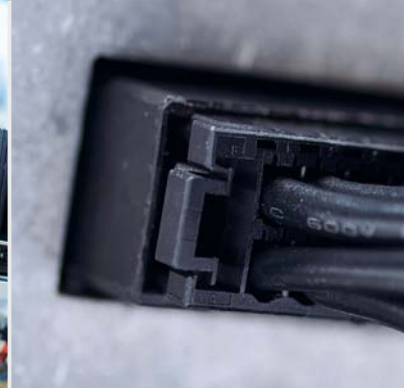


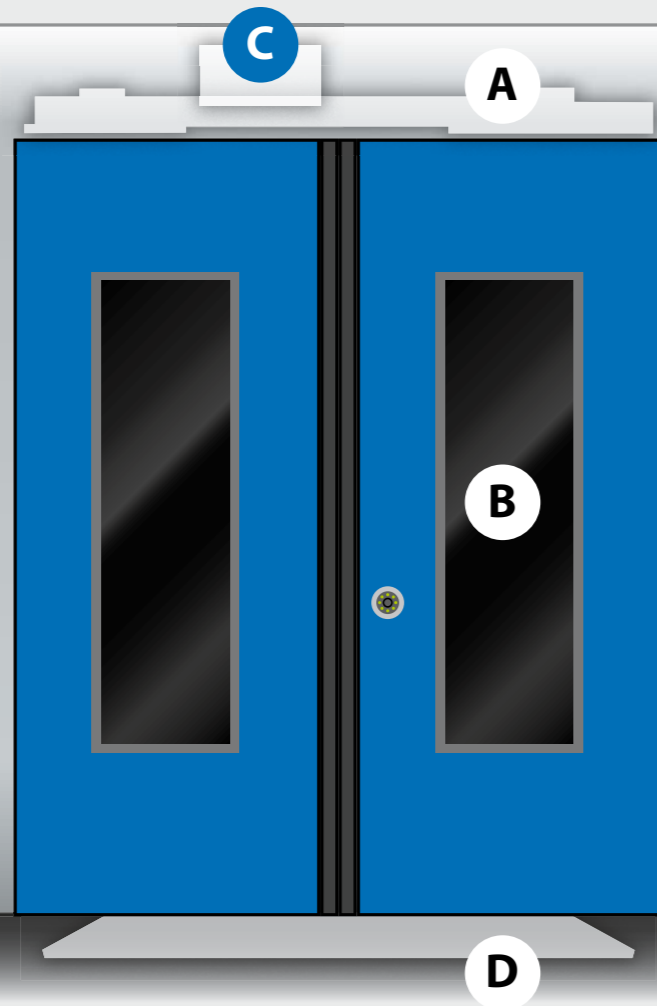
IFE FLEX CONTROL

lea[door]ship



**SMALL, UNIVERSAL, RELIABLE:
IFE FLEX CONTROL**

IFE FLEX CONTROL THE FUTURE HAS ARRIVED



A

IFE E4 Door Drive Unit

Smaller, lighter, stronger. Compact design, reduced to the essentials, mature and proven technology along with easy installation and reduced maintenance effort are setting new standards.

B

IFE AN/AI Door Leaves

Maximum passenger comfort. The new door leaves stand out thanks to a sound insulation value which is improved by a factor of 3 to 4, to a heat transfer coefficient reduction of up to 50% and to a weight reduction.

C

IFE FLEX Control

Small, universal, reliable. The new door control unit features a compact design and a smart all-voltage energy supply with adaptive operating modes, reducing the total power loss by 25%.

D

IFE X4 Sliding Step

Minimal installation space – maximum function. The step is designed to reduce weight, number of components and installation height. The simplified guiding system prevents jamming or sluggish movement.

IFE FLEX
CONTROL
IN DETAIL



IFE FLEX CONTROL IN DETAIL



1 HIGH INTEGRATION OF FUNCTIONS, NO INTERNAL PLUG CONNECTIONS

Thanks to the reduction of internal interfaces and the use of new, highly stable external connectors, the traditionally high level of previous IFE control equipment has been further increased. A consistent reduction of electrical losses also contributes to this improvement.



2 OPTIMIZED INTEGRATION OF COMMONLY USED INTERFACES

Market requirements are met by CAN, Ethernet and a service interface as standard features. All further currently used data bus connections are optionally available. There is also an optional service module with a USB interface that displays the currently active diagnosis code on an LED display.



3 INCREASED SAFETY FOR THE PASSENGERS

The IFE FLEX control supervises a multitude of input and output surveillance functions, substantially contributing to passenger safety. The standard access system as a whole already fulfills the SIL2 level according to EN50129.



4 INDEPENDENCE OF VOLTAGE AND SMALL NUMBER OF DIFFERENT PARTS

The universal door control works with all external voltages between 24 and 110 VDC while its internal operational voltage across the whole access system is set to 24 V. This allows for identical electric and electronic components to be used, thus reducing the number of different parts.



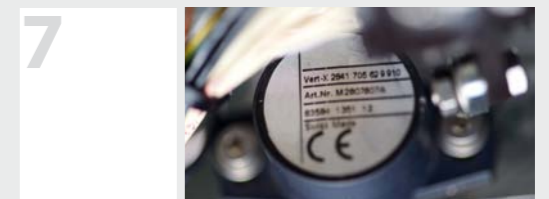
5 SUSTAINABILITY THANKS TO REDUCED ENERGY CONSUMPTION

The FLEX control reduces the overall energy loss by a quarter thanks to its intelligent control of the energy supply to the connected components, adapting their operational modes to the operational situation of the moment.



6 SEAMLESS INTEGRATION INTO ALL IFE ACCESS SYSTEMS

The FLEX control is the optimal solution for all current IFE access systems. It goes without saying that previously supplied access systems can also be equipped with the latest generation control system. This integration is made possible thanks to a 20% height reduction and a 50% weight reduction compared to the previous generation.



7 THE FUTURE HAS ARRIVED

The FLEX control handles a wide range of motor technologies and diagnoses inputs and outputs. The improved sensor technology makes condition-based maintenance become a reality.