LÜTZE AUTOMATION powered by Amphenol



PRODUCT FOCUS

LÜTZE Cyber Security Box

Lock physical interfaces – only allow authorized access.

Unsecured Ethernet and USB ports on machines are direct attack vectors – for malware, unauthorized manipulation and data leakage. From 2027, protection against manipulation becomes mandatory for new machines: **Failure to address unsecured access points in the risk assessment jeopardises conformity and leaves unnecessary attack surfaces open.** The LÜTZE Cyber Security Box locks these access points by default and releases them only after authorised access – for new installations as well as for retrofitting existing plants.

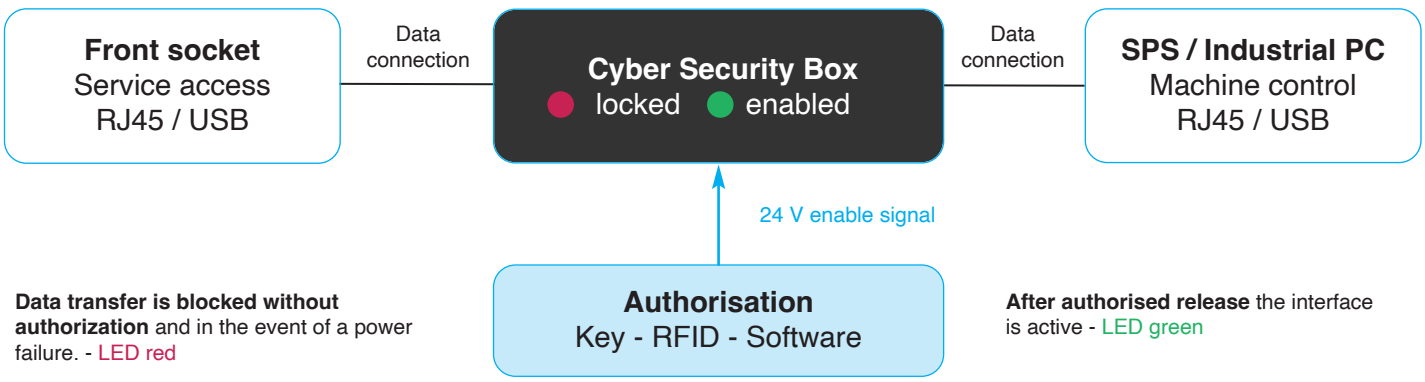


January 2027
EU Machinery Regulation
Protection against manipulation – including via interfaces

December 2027
Cyber Resilience Act
Secure default configuration, minimal attack surface

NIS-2
Operators
Cyber risk management, including existing plants

HOW IT WORKS



Data transfer is blocked without authorization and in the event of a power failure. - LED red

After authorised release the interface is active - LED green

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YOUR BENEFITS

Locked by default
The interface is locked on delivery and after every power failure.

Easy to retrofit
Installed between controller and front socket. With key switch or RFID, no change to the control software.

Free choice of authorisation
Key switch, RFID or password-protected software – via a 24 V release signal.

Compact mounting
Slim housing for DIN rail (two orientations) or screw mounting.

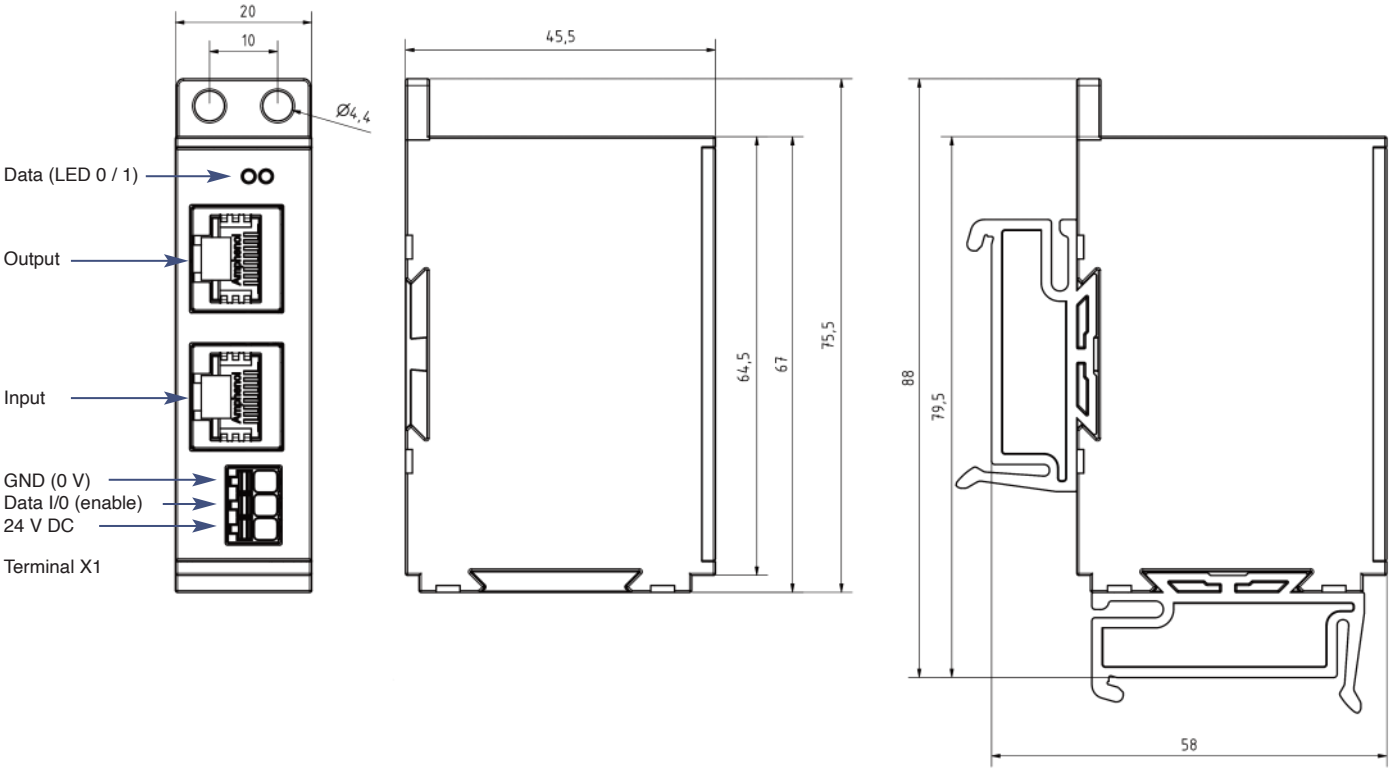
TECHNICAL DATA

Variants	RJ45 (Ethernet) · USB
Supply	24 V DC (19,2 – 30 V) (acc. to DIN EN 61131-2)
Temperature	–25 … +60 °C
Connection	Spring terminals 0,14 – 1,5 mm²
Dimensions	W × H × D: 20 × 75,5 × 45,5 mm
Mounting	DIN rail (2 orientations) or 2 × M4
Status display	LED red / green
Accessories	Matching interface sockets
Order no.	RJ45: 490300 · USB: 490301

The Cyber Security Box is one part of your security concept, e.g. according to IEC 62443 (series of standards for industrial IT security). It replaces neither the risk assessment nor network protection. Installation in a lockable control cabinet is recommended.

TECHNICAL DRAWING

Shown: RJ45 (Ethernet) variant, Dimensions in mm



Front view | Side view | With DIN rail adapter, both orientations

Width	Height	Depth	Fixing
20 mm	**75,5 mm**	**45,5 mm**	**2 x M4**
Hole spacing 10 mm	Housing without mounting tab 67 mm	without DIN rail adapter	Holes Ø 4,4 mm, alternatively DIN rail

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