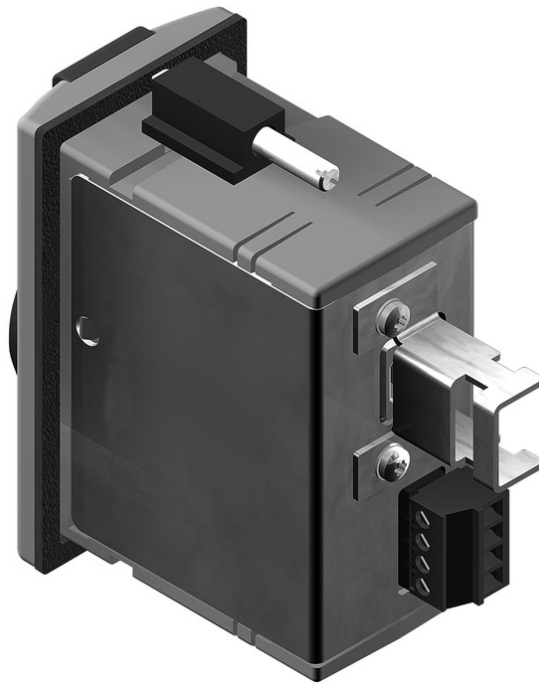


ITEM 098513 EKS-A-IUXA-G01-ST01/04

Description	Technical data	Accessories	Downloads
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Features

- › Electronic-Key adapter with USB interface
- › read/write system
- › Power supply via USB interface
- › Electronic-Key adapter and electronics in one housing
- › Reliable retention of the Electronic-Key, even if there is heavy vibration
- › Transfers the data from the Electronic-Key to a control system for processing
- › Connection to PC
- › Virtual serial COM port
- › Open communication commands at the lowest level
- › 3964R protocol
- › Interfacing to the user software via ActiveX[®] module in Windows[®] possible
- › Version FSA (For Safety Applications)

Approvals



Mechanical values and environment

Housing material	PA6-GF30 gray
Ambient temperature	0 ... 55 °C
Degree of protection	IP67 in installed state (only access side)
Mounting cut-out according to DIN 43700	33 x 68 mm
Installation position	On the front
	USB interface
Connection	USB full speed type B
Cable length	USBmax.3 m

Electrical connection ratings

Current consumption	max.100 mA
Utilization category according to EN 60947-5-1	
	AC-15 24V 50mA
	AC-12 24V 50mA
	DC-12 24V 50mA
Utilization category according to EN 60947-5-2	
	DC-13 24V 50mA
Switching voltage	24 ... 30 V
Switching current	1 ... 10 ... 50 mA
Connection cross-section	0,14 ... 1,5 mm ²
Discrepancy time	Difference time between outputs (LB first) 200 ms ^[1]
LED indicator	
	Green Operational
	Yellow Key in operating distance

Interface, bus

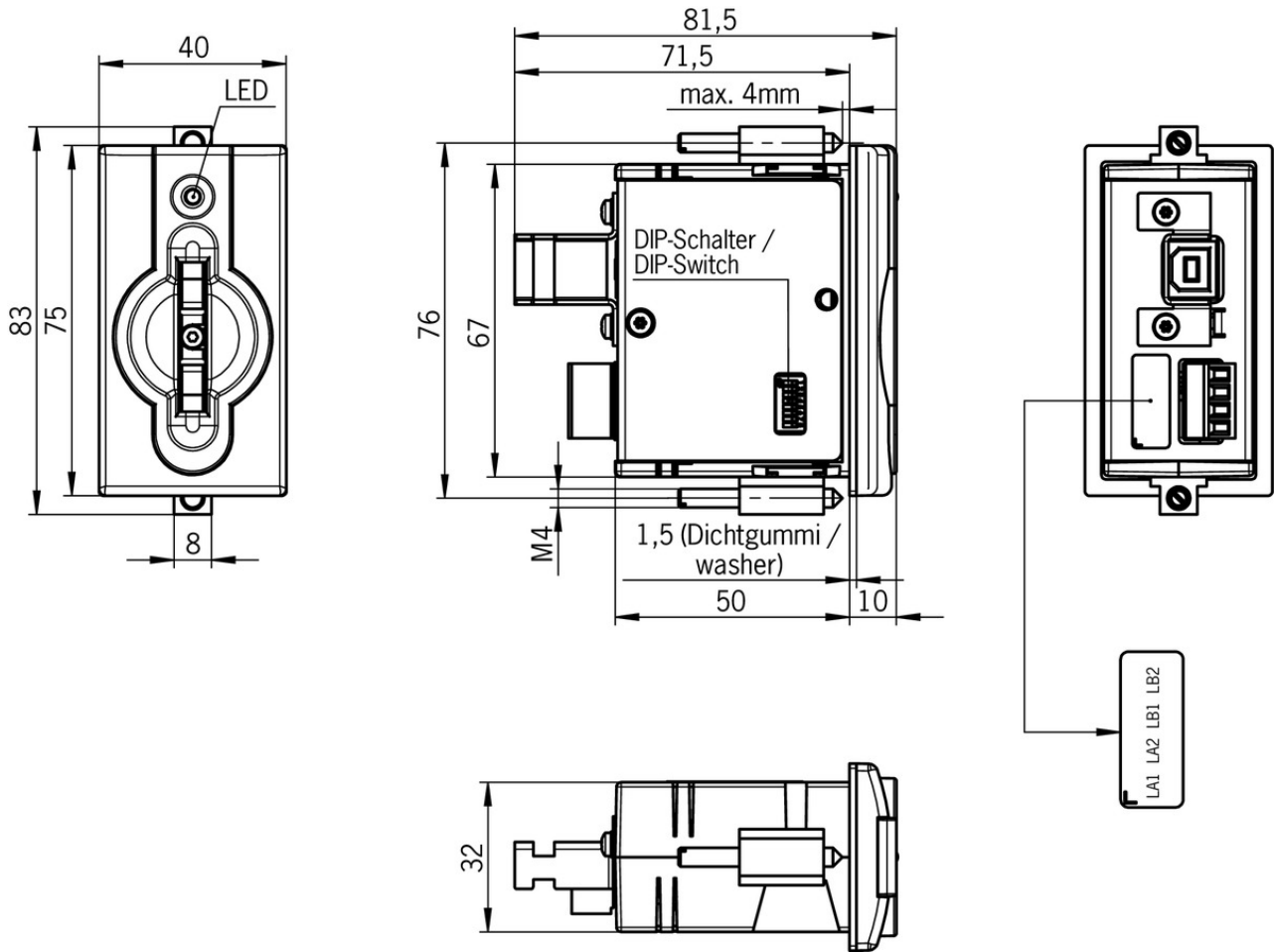
	USB interface
Data protocol	3964R via USB
Data rate	9,6 ... 28,8 kbit/s

Miscellaneous

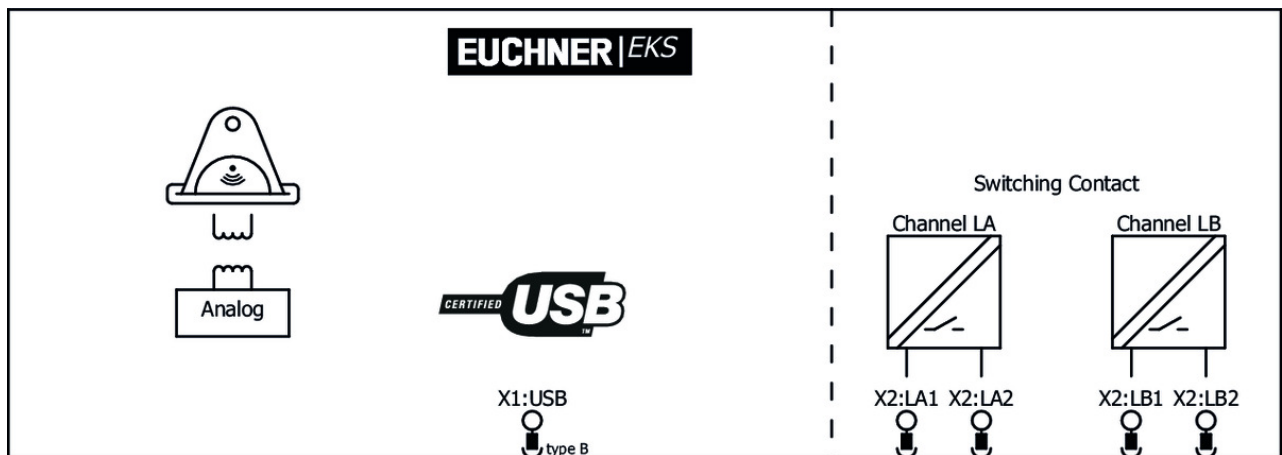
Additional feature	
	Resistance in switched-on state in Ohm 35
	Capacitive load per output in µFmax.1

[1] If access on the interface takes place during the insertion or removal of the Electronic-Key, the simultaneity time can be more than 200 ms.

Dimension drawing



Block diagram



✓ Electronic-Key read/write



084735 EKS-A-K1BKWT32-EU

✓ Features

- › Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)



091045 EKS-A-K1BUWT32-EU

✓ Features

- › Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)



094839 EKS-A-K1GNWT32-EU

✓ Features

- › Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)



094840 EKS-A-K1YEWT32-EU

✓ Features

- › Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)



077859 EKS-A-K1RDWT32-EU

✓ Features

- › Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)



123097 EKS-A-K1WHWT32-EU

✓ Features

- › Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)



123098 EKS-A-K1OGWT32-EU

✓ Features

- › Memory 116 bytes E²PROM (programmable) plus 8 bytes ROM (serial number)
-

Software

✓ ActiveX® module - serial communication




098708 ANWPG EKS ACTIVEX-MODULE CD-ROM

✓ Features

- › Protocol driver software for integrating the EKS Electronic-Key adapters with serial or USB interface into a PC application in Windows
-









Instructions

Handbuch EKS Schlüsselaufnahme USB & USB FSA

	Doc. no.	Version	Language	Download
Handbuch EKS Schlüsselaufnahme USB & USB FSA	094485	04-11/13		 2.6 MB
Manual EKS Electronic-Key adapter USB & USB FSA	094485	04-11/13		 2.8 MB





Catalogs

Electronic-Key-System EKS Electronic-Key-System EKS Electronic-Key-System EKS Electronic-Key-System EKS



	Doc. no.	Version	Language	Download
Electronic-Key-System EKS	086808	14-04/17		 3.2 MB
Electronic-Key-System EKS	092953	14-04/17		 3.2 MB
Electronic-Key-System EKS	114432	14-04/17		 3.2 MB
Electronic-Key-System EKS	086809	14-04/17		 3.2 MB

Application example



Definition der Schlüsselstruktur auf einem EKS-Schlüssel

	Doc. no.	Version	Language	Download
Definition der Schlüsselstruktur auf einem EKS-Schlüssel	AP000169-1	02-09/15		 0.5 MB
Definition of the Electronic-Key structure on an EKS Key	AP000169-1	02-09/15		 0.4 MB





EKS mit Datenschnittstelle: Weitergabe von Informationen an Maschinenbauer

	Doc. no.	Version	Language	Download
EKS mit Datenschnittstelle: Weitergabe von Informationen an Maschinenbauer	AP000169-6	02-09/15		 0.2 MB





EUCHNER EKS FSA Research Report

	Doc. no.	Version	Language	Download
EUCHNER EKS FSA Research Report	AP000169-IFA	01-09/15		 0.3 MB

Einrichten der EKM Software als Programmierplatz







	Doc. no.	Version	Language	Download
Einrichten der EKM Software als Programmierplatz	AP000169-2	02-09/15		 1.0 MB
Setting up the EKM software as a programming station	AP000169-2	02-09/15		 0.9 MB

Übersicht über EKS-Applikationen

	Doc. no.	Version	Language	Download
Übersicht über EKS-Applikationen	AP000169	02-09/15		 0.5 MB
Overview of EKS applications	AP000169	02-09/15		 0.3 MB

Declaration of conformity

 EU-Konformitätserklärung

	Doc. no.	Version	Language	Download
EU-Konformitätserklärung	2093140	07-01/17		 0.3 MB
Declaración UE de conformidad				
Déclaration UE de conformité				
Dichiarazione di conformità				
EU declaration of conformity				

CAD data

CAD data for this item on TraceParts