

EKS-A-APRA-G08 (Order no. 113645)

Interface adapter EKS Light FSA modular (supports all operating states)

- ▶ Interface adapter with 4-bit parallel interface
- ▶ Use in conjunction with Electronic-Key adapter FHM
- ▶ A complete read-only system consists of an Electronic-Key adapter FHM and a modular interface adapter
- ▶ Simple connection
- ▶ Read-only system
- ▶ Internal evaluation of the data from the Electronic-Key
- ▶ Output of the access level via 4-bit parallel interface
- ▶ Has all operating states
- ▶ Connection to PLC
- ▶ Version FSA (For Safety Applications)



Technical data

Approvals



Operating and display elements

LED display

green	operational
yellow	Key in the actuating range
red	Error

Electrical connection values

Connection cross section 0.14 ... 2.5 mm²

Power supply

Operating voltage DC 9 ... 24 ... 28 V DC
 (This device is intended to be used with a Class 2 power source in accordance with UL1310.)

Current consumption max. 70 mA

Interface and signaling

Switching voltage $U_B - 2 \dots U_B$ V
 (High signal)

Switching current 1 ... 10 ... 50 mA
 (High signal)

Parameters for floating semiconductor switching contact LA

Utilization category	DC-12	24V 50mA
	AC-15	24V 50mA
	DC-13	24V 50mA
	AC-12	24V 50mA

Switching voltage 0 ... 24 ... 30 V

Switching current	1 ... 10 ... 50 mA in event of short circuit the output is shut down (Function description of the overload protection in the Electronic-Key adapter manual, order No. 110845)
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Mechanical values and environment

Connection type	plug-in screw terminal
Number of read heads	max. 1
Storage temperature	-25 ... 70 °C
Mounting type	Mounting rail TH 35 (EN IEC 60715)
Ambient temperature	0 ... 55 °C
Material	
	Housing PA6.6, gray

Miscellaneous

	Parameters for floating semiconductor switching contact LA
Additional feature	max. 1 Capacitive load on output in μF 35 Resistance in switched-on state in ohm

Interface

	Interface and signaling
Date interface	4-bit parallel plus strobe, binary coded via High/Low level