



MCI16-EVK communication interface is dedicated to integration of RACS 5 system with an elevator system supervised by KONE Group Controller (KGC). The access to elevators is managed by MCI16-EVK access controllers and their access terminals (MCT, PRT or Wiegand). Terminals can be installed both at the entry to elevator car (DOP – Door Operated Point) and inside the car (COP – Car Operated Point). The access controller identifies users who read their credentials at terminals and sends call requests to KGC. The call includes information on user's access rights to specific floors. When the call is received then KGC dispatches one of elevators to the floor where

user is located. User with rights to multiple floors can select particular floor from elevator panel. The access control system can call specific type of elevator (e.g. freight, passenger, special). This call type can be statically invoked on the level of call point (terminal) and user (e.g. for handicapped person) or selected dynamically at the terminal using function key or identification type (e.g. short or long card reading). The integration requires single MCI16-EVK interface regardless of the number of applied MCI16-EVK access controllers. MCI16-EVK must be operated in LAN with access controllers and KGC.

Features:

- communication interface for KGC elevator system
- MC16 series hardware module
- configuration with file on memory card
- 18 VAC/12 VDC/24 VDC power supply
- connection of 7 Ah battery
- power output 1.0 A
- power output 0.2 A
- RS485 communication interface
- connection of 4 Wiegand terminals (DO, D1, BUZZ, LED)
- connection of 4 PRT series terminals (RACS CLK/DTA)
- connection of 16 MCT series terminals (RS485)
- DIN rail installation
- CE mark

Ordering guide	
<i>Item</i>	<i>Description</i>
MC116-EVK	Communication interface dedicated to integration between RACS 5 access system and elevator system managed by KONE Group Controller (KGC)

Legal Notice

This document is not intended to be a technical specification of the product and has informative character only. The Manufactures of product reserves right to change its characteristic without notice. The product features listed in this document refer to the entire series and depends on particular product version, configuration and additional equipment.

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