

EZK – smart door handle  
for hotels



## EZK electronic access control: User-friendly and cost-effective

EZK by FSB is the persuasive answer to traditionally mechanical or unsightly “box-type” closing systems. At first glance there’s little to tell EZK hardware apart from straightforward lever handle furniture. Used in combination with attractive FSB door levers, it blends in ideally with hotel architecture.

What makes EZK so compelling for hotel guests is its great convenience: passive transponder technology renders the insertion of keys or the manual releasing of bolts to open doors obsolete. The virtually silent mechatronics under the handle rose allow the door to be opened instantaneously. EZK faithfully delivers the “suite function”: it is possible, for instance, to provide access to two separate rooms from a single point – an ideal solution for families. Or else one room can have another one added by awarding extended access authorisations.

Where the hotelier is concerned, EZK opens up the option of responding with no fuss, risk or expense to keys mislaid or pocketed by mistake, access simply being blocked by means of the software. The “Hotel Function” software interface makes for troublefree link-ups with the “Fidelio”, “Protel” and “Hotline” hotel booking systems. Additionally available is a “time function” that automatically deletes access authorisation after a defined time.

It also goes without saying that EZK can be effortlessly retrofitted to existing doors as and when required.





2505 Design 1005



2515 Design 1015



2516 Design 1016



2523\* Design 1023



2535 Design 1035



2576 Design 1076



2577 Design 1077



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2607 Design 1107



2608 Design 1108



2619 Design 1119



2644 Design 1144



2646 Design 1146







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2660 Design 1160

25..

26..

-  Aluminium
-  AluGrey
-  Stainless steel
-  Bronze\*

#### Planning merits of EZK

- self-supporting closing system with no on-site preparations for power supply and no connections to external interfaces
- simple and flexible applications, suits all EPC locks as laid down in DIN
- matching member of the FSB range of door and window hardware and products for the interior design of buildings, with unitary finishes in Aluminium, Alu-Grey, Stainless steel and Bronze
- suitable for internal doors in glass, timber and steel
- only solution marketed for wholly glazed doors
- available with 16 different "designer handles" to suit any setting
- external points of access safeguarded with BlueChip system components
- very convenient operation, exceedingly guest and customer-friendly
- interfaces to PMS software solutions including Protel
- flexible, user-driven back-office and back-of-the-house solutions with the aid of BlueChip system components
- low servicing costs relative to operating cycles (long battery life)
- effortlessly retrofitted to existing doors, easy to fit
- single-source product involving one interlocutor

## Secure and flexible safeguard for inside and out

Besides its multifarious merits with regard to lost keys, EZK is a system solution that, amongst other things, enables processes and work routines in hotels to be organised more efficiently and hence economically. Depending on the booking category involved, separate access authorisations can be awarded to guests for exclusive hotel areas (wellness, spa) just as they can to external service providers (laundries) that may, for instance, regularly require a means of access from outside to the washing store.

Proven BlueChip technology facilitates easy integration of BlueChip profile cylinders into the EZK hardware system, furthermore. These cylinders allow locks to be operated – as in mechanical closing systems – by inserting and rotating a key. Thus it is likewise possible to integrate all FSB fittings – including, for instance, FSB security hardware or armoured roses in combination with no-frills FSB door pulls – into a fully-fledged electronic access control system serving to safeguard external points of access.

BlueChip cylinders guarantee security-level protection – notably at external points of access – in compliance with DIN 18 257 and VDS Security Class B assuming all the hardware elements involved have been tested and certificated to DIN EN 1906 – which is certainly the case with the whole range of FSB security fittings. Convenience and security-driven solutions can be put to effect in combination with wall scanners and e-openers or motor-operated closing elements.

EZK guarantees fine visuals and a living-room feel whilst also embodying a modular organisation concept that is precisely tailored to the aspirations and needs of users as well as being readily adaptable or expandable.





The baserose houses a mechatronically controlled coupling element that allows the door to be opened upon positive identification (1).

A connection with the handle rose, the heart of the EZK system solution, is established by means of a cable run within the lock mortise (2).

The electronics have been designed to fit into a europrofile cylinder. The module is inserted into the lock and secured from the other side (3).

**“Simple is better than complicated.”**

That’s the dictum of Dieter Rams, former designer-in-chief at Braun AG.

Or – in other words: technology should serve people in the first instance – and not the other way round.

We at FSB felt that there was a case for looking into the merits of electronic access control systems not only on aesthetic grounds but also and in particular taking account of user-driven and hence ergonomic factors.

**More ergonomic, rapid and straightforward**

We set ourselves the goal of easing and accelerating this routine, of heeding the inherently human need for simplification: we directly connected the process of electronic identification with a mechatronic module squeezed into the handle rose.

Forming the heart of this masterpiece of precision mechanics is an electronically-controlled coupling element that ensures immediate operation of the lock via the door handle upon positive identification being forthcoming.

**Unitary closing concept for internal and external doors**

EZK is just the thing for major buildings and, specifically, hotels, where levels of public traffic are increasingly lending prominence to aspects of organisational security as opposed to “high-profile” anti-burglary measures. Of particular significance for hoteliers – besides the hardware’s aesthetic appeal – is the great convenience of operation of EZK, since access identification takes place without contact and hence quite effortlessly.

Also available are a plethora of interfaces for hotel booking systems as well as modules for the capture of time or staff-related data. Moreover, combining the system with BlueChip cylinders allows time/cost-cutting organisational solutions to be devised for staff areas or external points of access.

Further information is to be found in our EZK system brochure, which we will be pleased to send you, and at [www.fsb.de/ezk](http://www.fsb.de/ezk)

For the purpose of planning an EZK hardware system solution, please contact our Sales Organisation offices (cf. [www.fsb.de/contact](http://www.fsb.de/contact)) – or our central interlocutors:

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## Reference projects

EZK by FSB is to be found in a great many hotels that have made a name for themselves by dint of superlative service and well-conceived fitments. Be it in a prime-site congress hotel for business and fair-trade travellers or an idyllically located health mecca, EZK's inward and, indeed, outward strengths are very compelling.

Planning and installation are single-source – performed by FSB, one of the most celebrated brands known to the project building sector.

We will be pleased to inform you in detail about projects completed to date and the multifarious options that make EZK right for your own hotel. Why not get in touch!



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