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A PROMISE IS A PROMISE



FAMILY BUSINESS SINCE 1919 Reliability, a vision, a sense of responsibility

towards business partners and employees as well as sustainable management have been the hallmarks of our family business for over a hundred years.



CLEAN PRODUCTION

Today, we produce almost entirely without oil and water. Our ongoing investments in dry processing machines bring us ever closer to comprehensive clean production.



QUALITY PRODUCTS

EVVA stands for the highest quality. This is made possible by our pioneering spirit, professionalism and decades of expertise in the development and manufacture of mechanical and electronic access systems.



INTERNATIONALLY
STANDARDISED AND PATENTED

Our products are legally protected by patents worldwide and comply with internationally valid and necessary standards.



INDIVIDUAL SOLUTIONS

We have cylinders for every conceivable locking situation. In addition, we also offer a wide range of options that make our cylinders even more secure and versatile. Special designs are also possible in certain cases.



TECHNICAL SUPPORT AND PROJECT SUPPORT

We support you in the acquisition of new projects or the planning of an access system. Furthermore, our employees in the technical offices will be happy to answer your questions about our products at any time.



THERE FOR YOU PERSONALLY

Personal contact with you is important to us. That's why our EVVA consultants, who we regularly train at our EVVA Academy, are also very important to us. We are happy to help.



PARTNER PORTAL

Our Partner portal provides all you need as an EVVA Partner for your daily business: Price lists, catalogues, data sheets and the option to sign up to training sessions.

We are not only happy to assist you personally at every stage in the planning of your project, we also have numerous services available, both online and offline, which you can use to successfully master every project.

Use the PDF version of this catalogue and use the links to directly view our offers and get support.

EVVA and EVVA partners implement project after project professionally and quickly. Here is an overview of our most important services and resources.

Are you an EVVA partner but don't have access to the EVVA Partner Portal yet? Please contact your EVVA consultant.

START

Contact/Contact person

We will be happy to help you personally

(iiiii)

Training

We prepare you for every project



Services*

Be on the safe side - with the help of experts



Apps/Tools

Reach your goals faster with the right software



Documents/Links

Useful documents on the topic

* Detailed information on EVVA services and making appointments with the EVVA Technical Office. For contact details, see EVVA price list The most important prerequisite for mutual success is well-trained staff.

Visit the EVVA Academy on our website, or contact us at academy@evva.com



Your EVVA consultant

For unusual or large projects, please contact your EVVA consultant. For contacts, see price list.



Planning and project planning EVVA service*

On-site needs assessment, building regulations, customer requirements, project planning.

Product code: D.PRJ.M.TAP

Technical support upon consultation, see price list for contact details.





THE PROJECT

Include the project's requirements and plan correctly



Access system product training

Everything about the product: System and product features, USP & Market placement, adjustments of modular design systems.



Individual profile product training

In-depth training for individual profiles focusing on coding and pinning.



AccessDesigner training

Configure products, create lock chart, order master key system - all in one software package. Training materials can be found in the EVVA Partner portal.



Project checklist

For electronic projects, the **project checklist** helps to check the Xesar system requirements and plan an installation.

The document is available in the Partner portal. Our technical office helps in difficult cases. For contacts, see price list.



Product code check, creation of lock chart and ordering of systems with AccessDesigner

The AccessDesigner allows you to configure EVVA cylinders and create order-ready lock charts.

You can download the AccessDesigner software package from the Partner portal.



Building inspection EVVA service*

Detailed recording of the technical installation conditions on site.

Product code: D.PRJ.M.TAP

Technical support upon consultation, see price list for contact details.



Use product code correctly

Easy to learn with our instructions, explanatory sheet and explanatory video for download from the EVVA Partner portal.



Creating lock charts

Documents for creating lock charts can be found in the EVVA Partner portal. Our in-house service assists in difficult cases. For contacts, see price list.









INSTALLATION SITUATION

Record the installation situation and the products that are required for it



CONFIGURING

Configure products correctly and define them ready to order



LOCKING CHART

Assigning keys with locking authorisations to cylinders

The most important prerequisite for mutual success is well-trained staff.

Visit our EVVA Academy.
Or contact us at academy@evva.com

JOINT PROJECTS



Order a master key system with the AccessDesigner

Order a master key system with the AccessDesigner

The AccessDesigner software package can be downloaded from the EVVA Partner portal.



Production and delivery status

Find out more about the status of your orders in the EVVA Partner portal under My orders



System manual

Instructions for correct installation, commissioning, use and maintenance of the system.



Contact for orders

We are happy to help you with any questions you may have about orders. You can find the contact in the price



Assembly instructions

Assembly instructions for adapting cylinders can be found in the Partner portal.



Commissioning EVVA service*

Assembly support, software configuration, programming of door components, authorisation of ID media and user training.

Product code: D.TU.G.TAP

Technical support upon consultation, see price list for contact details.









ORDERING

Order securely, correctly and quickly. Best done online.



ASSEMBLY

Trained staff, technical documentation, expert software



COMMISSIONING

So that everything proceeds satisfactorily from the very first moment.

Repeat orders

Re-ordering of cylinders and keys is also possible in the EVVA Partner portal under Order online.



Repairs EVVA service*

Analysis and/or repair of cylinder locks with corresponding key. **Product code**: D.REP.E.BEGR,
D.REP.E.BEKL, D.REP.E.BE15

Technical support upon consultation, see price list for contact details.



Present better

Informative presentations, latest price lists. Can be found in the EVVA Partner portal



Promotional material

Give the customer something to work with – the promotional material catalogue shows our advertising material and demo equipment.

Can be found in the Partner portal



Quotations

Get your current EVVA quotation from the in-house service, see price list for contact details.



After the project is before the project





MAINTENANCEMaintenance of the system for reliable operation.

* Detailed information on EVVA services and making appointments with the EVVA Technical Office. For contact details, see EVVA price list.



THE NEXT PROJECTThe more compelling presentation. The winning quotation.

SUCCESSFUL COLLABORATION WORLDWIDE REFERENCES

We have already successfully equipped hundreds of thousands of buildings with EVVA access systems with you, our global partners. The result is tens of thousands of people who can rely on EVVA every day. You can also do this: you can rely on us. We provide you with high-quality products, state-of-the-art technology with long patent protection periods, as well as project planning assistance and technical support from EVVA consultants and our technical offices if required.

High-quality EVVA products within an access system - masterfully planned by you, our partner - and then efficiently installed on site.



Port of Hamburg, DE



Residential facility B.R.O.T., AT



Rietpark, CH



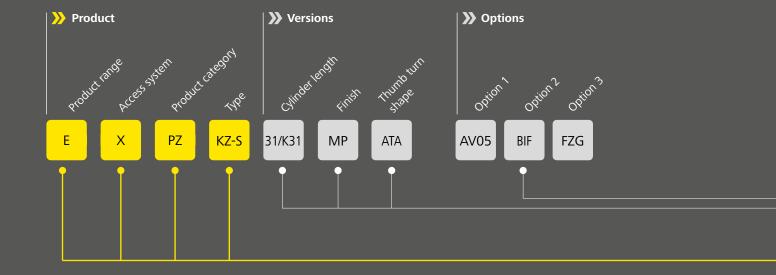
Aqua Terra Zoo, AT



ORDERING INFORMATION

A valid product code is required for a valid order.

The product code structures all EVVA products. The first positions of the product code describe the product and the versions. Once the product and the versions have been determined, any number of options can be added; some of these are subject to surcharges. The product code simplifies the ordering process and improves delivery quality.



Subject to printing errors. Subject to technical changes without notice.

XESAR THUMB TURN CYLINDER EURO PROFILE SY-MO



E.X.PZ.KZ-S.(1).(2).(3).(4)

(1) 31/K27

(2) NI

31/K31

31/K36

NP

MP

PS

PB

ATA

X1K

(3)

CYLINDER LENGTH

31/K27 mm

31/K31 mm

31/K36 mm FINISH

Polished Nickel

Polished brass

Patinated black

Patinated brown

Oval thumb turn

THUMB TURN SHAPE

Adaptable Thumb turn Axis

Nickel

SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems

FUNCTION

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function rotary damper | event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable

Actuation engage only with authorisation | freely rotating

outside thumb turn prevents tampering | lockable with access medium | lockable from inside with

thumb turn

Design feature elegant design without compromise | timeless

Installation situation existing doors | heritage-protected areas |

emergency exit doors | main entrance doors | metal frame doors | safety doors | connecting doors |

full-leaf doors | apartment entrance doors

Humidity range 90% at 0°C

Ambient temperature −20°C to +55°C

Opening cycles, battery set 70.000

			Security	Assembly	Function
(4)		OPTION			
	AV05	Elongation 5 mm		0	
	AV10	Elongation 10 mm		0	
	AV15	Elongation 15 mm		0	
	BIF	Double cam Biffar®		•	•
	FAP	Anti-panic function	0		
	FLU	Irrespective of installation position			_
	FZG	Free wheel function for gear locks	•		_
	Z10	Cogwheel cam Z10		•	_
	Z18	Cogwheel cam Z18		•	•

XESARSYSTEM FEATURES

The Xesar electronic access system allows you to begin with a small or large device. Whatever the case, your system can grow with Xesar.

XESAR FEATURES

SYSTEM SPECIFICATIONS
Client-server system
Xesar virtual network
MQTT interface for third-party systems
Smartphone as access medium
EVA

STANDARD			
Directive	CE approved		
Standard	EN 179		
Standard	EN 1125		
Standard	EN 1643-1 90 min		
STANDARDS PROFILE CYLINDER			
Standard	EN 15684		
Guidelines	IP66 protection rating		
Certification	certified according to SKG ***		
STANDARD ESCUTCHEONS			
Guidelines	IP55 protection rating		

SECURITY	
AES ENCRYPTION	•
MIFARE DESFIRE EV3 ACCESS MEDIA	•
FREELY ROTATING OUTSIDE	
THUMBTURN PREVENTS TAMPERING	•
ROTARY DAMPER	•
1,000 EVENTS ARE LOGGED	•
DRILLING PROTECTION	•
PLUG PULLING PROTECTION	•

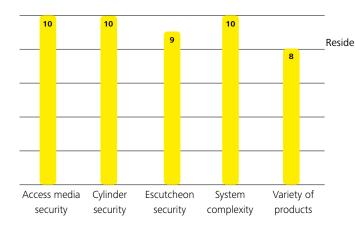
XESAR PERFORMANCE

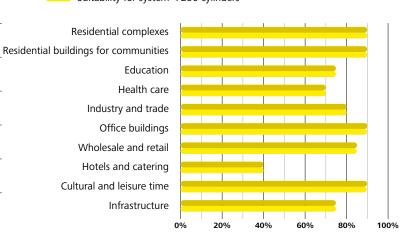
Performance criteria for Xesar according to the EVVA scale for electronic access systems. The maximum is 10.

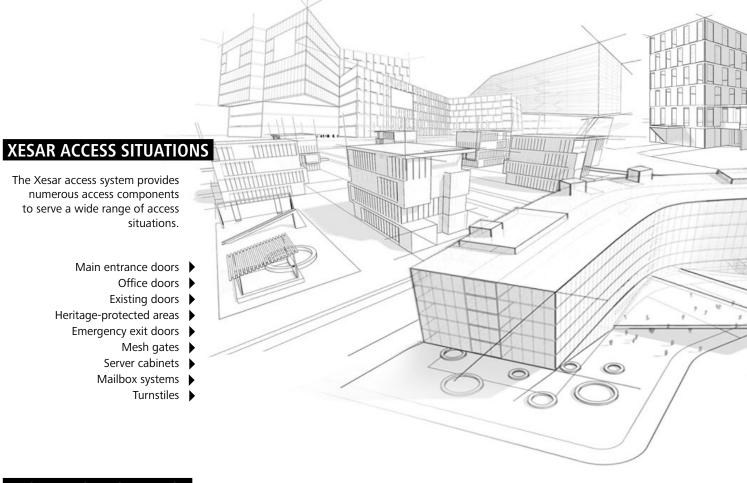
XESAR AND BUILDING TYPES

Suitability by building type and size

Suitability for system ≥ 250 cylinders
Suitability for system < 250 cylinders







XESAR PRODUCT RANGE



Subject to printing errors. Subject to technical changes withou

XESAR PRODUCTS OVERVIEW



XESAR SOFTWARE & APPS

The Xesar management software offers numerous intelligent features and makes your day-to-day work easier.



ESCUTCHEONS

The Xesar escutcheon is suitable for solid internal or external doors.



HANDLE

Brings together electronic and mechanical components where there is little room.



EASY ORDERING

Ordering with AccessDesigner: Checking the cylinder configuration, defining locking authorisations and ordering - all with one software.



PADLOCKS

Secure barriers and server cabinets, fasten chains and can be used indoors and outdoors.



WALL READER

The wall reader controls locking and control elements such as a motorised cylinder or sliding doors.



PROFILE CYLINDERSWide range of cylinder profiles and types.



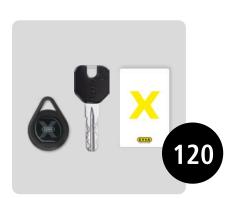
OUTSIDE AND INSIDE CYLINDERS

Outside and inside cylinders are used in combination with additional locks, such as rim locks and surface-mounted locks.



CAM LOCKS

Can be used indoors and outdoors, for mailboxes, filing cabinets – the cam lock completes any access system.

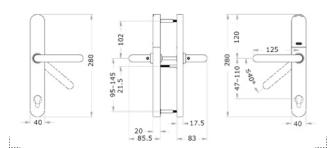


ACCESS MEDIA

A wide range of access media makes the system particularly customer-friendly.

XESAR ESCUTCHEON SINGLE-SIDED ACCESS





SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems

FUNCTION

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable

Locking emergency locking function in conjunction with

mechanical lock cylinder

Actuation engage only with authorisation | freely rotating

outside handle to prevent tampering | lockable with

access medium

Design feature elegant design without compromise | timeless

Installation situation main entrance doors | metal frame doors | safety doors | full-leaf doors | apartment entrance doors

Humidity range 90% at 0°C

Ambient temperature outside –20°C to +60°C

Ambient temperature inside 0°C to +60°C

Door plate dimensions 40 x 280 x 20 mm

Opening cycles, battery set 100.000 Type of power supply emergency power via programming interface |

battery

STANDARDS

Standard EN 1634-1 90 minutes | EN 1634-3 | EN 179 | EN

1906 | with stability plate DIN 18257: ESO | Austrian

Standard 3859: 90 minutes

Certificate fire protection compliance certificate

Directive CE approved | protection class IP52 without seal

fitted | protection class IP55 with seal installed

ASSEMBLY

Lock suitability handle range of up to 40° | mortise locks in

accordance with DIN, Austrian Standard self-locking escape door locks in accordance with

EN 179/EN 1125

Fixing 3-point screw connection

INCLUDED COMPONENTS

Included components escutcheon, 2 wall seals, Screw Set, 3 AAA alkaline batteries, Assembly manual, LUWIHI, Drilling template, paper

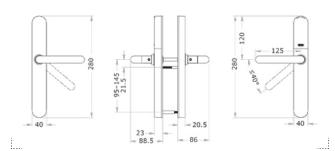
E.X.BE.Z1.(1).(2).(3).(4).(5).(6)

T61 61 mm E00 Without holes T62 62 mm E10 Euro profile 100 mm T63 63 mm E11 Euro profile 110 mm T64 64 mm E47 Euro profile 47 mm T65 65 mm E48 Euro profile 48 mm T66 66 mm E49 Euro profile 49 mm T67 67 mm E55 Euro profile 55 mm T68 68 mm E62 Euro profile 62 mm T69 69 mm E70 Euro profile 70 mm T70 70 mm E72 Euro profile 72 mm T71 71 mm E78 Euro profile 78 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 90 mm T74 74 mm E90 Euro profile 92 mm T75 75 mm E92 Euro profile 98.5 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 72					
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T51 51 mm T106 106 mm T52 52 mm T107 107 mm T53 53 mm T108 108 mm T54 54 mm T109 109 mm T55 55 mm T110 110 mm T56 56 mm T111 111 mm T57 57 mm T112 112 mm T58 58 mm T113 113 mm T59 59 mm T114 114 mm T60 60 mm (4) HOLE PROFILE AND DI T61 61 mm E00 Without holes T62 62 mm E10 Euro profile 100 mm T63 63 mm E11 Euro profile 47 mm T64 64 mm E47 Euro profile 47 mm T65 65 mm E48 Euro profile 49 mm T65 65 mm E48 Euro profile 49 mm T65 65 mm E55 Euro profile 62 mm T66 68 mm E62 Euro profile 70 mm </th <th></th> <th></th> <th></th> <th></th> <th></th>					
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T56 56 mm T111 111 mm T57 57 mm T112 112 mm T58 58 mm T113 113 mm T59 59 mm T114 114 mm T60 60 mm (4) HOLE PROFILE AND DIVERTING T61 61 mm E00 Without holes T62 62 mm E10 Euro profile 100 mm T63 63 mm E11 Euro profile 47 mm T64 64 mm E47 Euro profile 47 mm T65 65 mm E48 Euro profile 48 mm T66 66 mm E49 Euro profile 49 mm T67 67 mm E55 Euro profile 55 mm T68 68 mm E62 Euro profile 62 mm T69 69 mm E70 Euro profile 72 mm T70 70 mm E72 Euro profile 78 mm T71 71 mm E85 Euro profile 85 mm T72 72 mm E85 Euro profile 90 mm T73 73					
T57 57 mm T112 112 mm T58 58 mm T113 113 mm T59 59 mm T114 114 mm T60 60 mm (4) HOLE PROFILE AND DISTRICT T61 61 mm E00 Without holes T62 62 mm E10 Euro profile 100 mm T63 63 mm E11 Euro profile 47 mm T64 64 mm E47 Euro profile 47 mm T65 65 mm E48 Euro profile 49 mm T66 66 mm E49 Euro profile 49 mm T67 67 mm E55 Euro profile 55 mm T68 68 mm E62 Euro profile 62 mm T69 69 mm E70 Euro profile 70 mm T70 70 mm E72 Euro profile 72 mm T71 71 mm E85 Euro profile 78 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 90 mm T75					
T58 58 mm T113 113 mm T59 59 mm T114 114 mm T60 60 mm (4) HOLE PROFILE AND DISTRICT T61 61 mm E00 Without holes T62 62 mm E10 Euro profile 100 mm T63 63 mm E11 Euro profile 110 mm T64 64 mm E47 Euro profile 47 mm T65 65 mm E48 Euro profile 48 mm T66 66 mm E49 Euro profile 49 mm T67 67 mm E55 Euro profile 55 mm T68 68 mm E62 Euro profile 62 mm T69 69 mm E70 Euro profile 70 mm T70 70 mm E72 Euro profile 72 mm T71 71 mm E78 Euro profile 85 mm T72 72 mm E85 Euro profile 80 mm T73 73 mm E88 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T					
T59 59 mm T114 114 mm T60 60 mm (4) HOLE PROFILE AND DISTINGATION T61 61 mm E00 Without holes T62 62 mm E10 Euro profile 100 mm T63 63 mm E11 Euro profile 47 mm T64 64 mm E47 Euro profile 48 mm T65 65 mm E48 Euro profile 49 mm T66 66 mm E49 Euro profile 55 mm T67 67 mm E55 Euro profile 62 mm T68 68 mm E62 Euro profile 62 mm T69 69 mm E70 Euro profile 72 mm T70 70 mm E72 Euro profile 78 mm T71 71 mm E85 Euro profile 78 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 90 mm T74 74 mm E90 Euro profile 92 mm T75 75 mm E92 Euro profile 98.5 mm <t< th=""><th></th><th></th><th></th><th></th><th></th></t<>					
T60 60 mm (4) HOLE PROFILE AND DISTRICT T61 61 mm E00 Without holes T62 62 mm E10 Euro profile 100 mm T63 63 mm E11 Euro profile 110 mm T64 64 mm E47 Euro profile 47 mm T65 65 mm E48 Euro profile 48 mm T66 66 mm E49 Euro profile 49 mm T67 67 mm E55 Euro profile 55 mm T68 68 mm E62 Euro profile 62 mm T69 69 mm E70 Euro profile 70 mm T70 70 mm E72 Euro profile 72 mm T71 71 mm E78 Euro profile 72 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 80 mm T74 74 mm E90 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm <th></th> <th></th> <th></th> <th></th> <th></th>					
T61 61 mm E00 Without holes T62 62 mm E10 Euro profile 100 mm T63 63 mm E11 Euro profile 110 mm T64 64 mm E47 Euro profile 47 mm T65 65 mm E48 Euro profile 48 mm T66 66 mm E49 Euro profile 49 mm T67 67 mm E55 Euro profile 55 mm T68 68 mm E62 Euro profile 62 mm T69 69 mm E70 Euro profile 70 mm T70 70 mm E72 Euro profile 72 mm T71 71 mm E78 Euro profile 72 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 88 mm T74 74 mm E90 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 70					HOLE PROFILE AND DISTANCE
T62 62 mm E10 Euro profile 100 mm T63 63 mm E11 Euro profile 110 mm T64 64 mm E47 Euro profile 47 mm T65 65 mm E48 Euro profile 48 mm T66 66 mm E49 Euro profile 49 mm T67 67 mm E55 Euro profile 55 mm T68 68 mm E62 Euro profile 62 mm T69 69 mm E70 Euro profile 70 mm T70 70 mm E72 Euro profile 72 mm T71 71 mm E78 Euro profile 78 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 88 mm T74 74 mm E90 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 70 T78 78 mm R74 Swiss round profile 70				E00	
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T64 64 mm E47 Euro profile 47 mm T65 65 mm E48 Euro profile 48 mm T66 66 mm E49 Euro profile 49 mm T67 67 mm E55 Euro profile 55 mm T68 68 mm E62 Euro profile 62 mm T69 69 mm E70 Euro profile 70 mm T70 70 mm E72 Euro profile 72 mm T71 71 mm E78 Euro profile 78 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 90 mm T74 74 mm E90 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 70 T78 78 mm R78 Swiss round profile 70 T80 80 mm (5) FINISH T81 81 mm MP Polished brass					
T65 65 mm E48 Euro profile 48 mm T66 66 mm E49 Euro profile 49 mm T67 67 mm E55 Euro profile 55 mm T68 68 mm E62 Euro profile 62 mm T69 69 mm E70 Euro profile 70 mm T70 70 mm E72 Euro profile 72 mm T71 71 mm E78 Euro profile 78 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 90 mm T74 74 mm E90 Euro profile 92 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 70 T78 78 mm R78 Swiss round profile 70 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel	T64	64 mm		E47	
T66 66 mm E49 Euro profile 49 mm T67 67 mm E55 Euro profile 55 mm T68 68 mm E62 Euro profile 62 mm T69 69 mm E70 Euro profile 70 mm T70 70 mm E72 Euro profile 72 mm T71 71 mm E78 Euro profile 78 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 90 mm T74 74 mm E90 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 7.5 T78 78 mm R78 Swiss round profile 7.5 T79 79 mm R94 Swiss round profile 9.0 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel </th <th>T65</th> <th>65 mm</th> <th></th> <th>E48</th> <th></th>	T65	65 mm		E48	
T67 67 mm E55 Euro profile 55 mm T68 68 mm E62 Euro profile 62 mm T69 69 mm E70 Euro profile 70 mm T70 70 mm E72 Euro profile 72 mm T71 71 mm E78 Euro profile 78 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 88 mm T74 74 mm E90 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 74 T78 78 mm R78 Swiss round profile 74 T79 79 mm R94 Swiss round profile 94 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel	T66	66 mm		E49	
T68 68 mm E62 Euro profile 62 mm T69 69 mm E70 Euro profile 70 mm T70 70 mm E72 Euro profile 72 mm T71 71 mm E78 Euro profile 78 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 88 mm T74 74 mm E90 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 74 T78 78 mm R78 Swiss round profile 74 T79 79 mm R94 Swiss round profile 94 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel	T67			E55	
T69 69 mm E70 Euro profile 70 mm T70 70 mm E72 Euro profile 72 mm T71 71 mm E78 Euro profile 78 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 88 mm T74 74 mm E90 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 74 T78 78 mm R78 Swiss round profile 74 T79 79 mm R94 Swiss round profile 94 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel	T68				
T70 70 mm E72 Euro profile 72 mm T71 71 mm E78 Euro profile 78 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 88 mm T74 74 mm E90 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 74 T78 78 mm R78 Swiss round profile 74 T79 79 mm R94 Swiss round profile 94 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel					
T71 71 mm E78 Euro profile 78 mm T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 88 mm T74 74 mm E90 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 74 T78 78 mm R78 Swiss round profile 74 T79 79 mm R94 Swiss round profile 94 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel					
T72 72 mm E85 Euro profile 85 mm T73 73 mm E88 Euro profile 88 mm T74 74 mm E90 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 74 T78 78 mm R78 Swiss round profile 74 T79 79 mm R94 Swiss round profile 94 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel					
T73 73 mm E88 Euro profile 88 mm T74 74 mm E90 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 74 T78 78 mm R78 Swiss round profile 74 T79 79 mm R94 Swiss round profile 94 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel					
T74 74 mm E90 Euro profile 90 mm T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 74 T78 78 mm R78 Swiss round profile 74 T79 79 mm R94 Swiss round profile 94 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel	T73	73 mm		E88	
T75 75 mm E92 Euro profile 92 mm T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 78 T78 78 mm R78 Swiss round profile 78 T79 79 mm R94 Swiss round profile 98 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel					
T76 76 mm E98 Euro profile 98.5 mm T77 77 mm R74 Swiss round profile 78 T78 78 mm R78 Swiss round profile 78 T79 79 mm R94 Swiss round profile 98 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel					
T77 77 mm R74 Swiss round profile 74 T78 78 mm R78 Swiss round profile 74 T79 79 mm R94 Swiss round profile 94 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel					
T78 78 mm R78 Swiss round profile 75 T79 79 mm R94 Swiss round profile 95 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel					Swiss round profile 74 mm
T79 79 mm R94 Swiss round profile 94 T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel					
T80 80 mm (5) FINISH T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel					Swiss round profile 94 mm
T81 81 mm MP Polished brass T82 82 mm EM Satin stainless steel		79 mm			
T82 82 mm EM Satin stainless steel	T79		(5)		FINISH
	T79 T80	80 mm		MP	
	T79 T80 T81	80 mm 81 mm			Polished brass
	T79 T80 T81 T82	80 mm 81 mm 82 mm		EM	Polished brass Satin stainless steel

(6)		APERTURE
	BB	Blind-blind
	GB	With aperture/blind
	BG	Blind/with aperture
	GG	Blind/blind

XESAR ESCUTCHEON FOR FIRE DOORS





SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems

FUNCTION

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable

Actuation engage only with authorisation | freely rotating

outside handle to prevent tampering | lockable with

access medium

Design feature elegant design without compromise | timeless

Installation situation main entrance doors | metal frame doors | safety doors | full-leaf doors | apartment entrance doors

Humidity range 90% at 0°C

Ambient temperature outside -20°C to +60°C

Ambient temperature inside 0°C to +60°C

Door plate dimensions 40 x 280 x 20 mm

Opening cycles, battery set 100.000

Type of power supply emergency power via programming interface |

battery

STANDARDS

Standard EN 1634-1 90 minutes | EN 179 | EN 1906 | with

stability plate DIN 18257: ESO | Austrian Standard

3859: 90 minutes

Certificate fire protection compliance certificate

Directive CE approved | IP52 ingress protection rating

ASSEMBLY

Lock suitability handle range of up to 40° | mortise locks in

accordance with DIN, Austrian Standard | self-locking escape door locks in accordance with

EN 179/EN 1125

INCLUDED COMPONENTS

Included components escutcheon, Fire protection laminate, Screw Set, 3 AAA alkaline batteries, Assembly manual, LUWIHI,

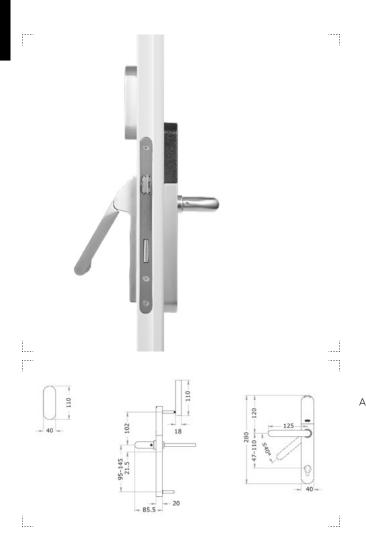
Drilling template, paper

E.X.BE.FS.(1).(2).(3).(4).(5).(6)

(1)		HANDLE SHAPE
	L	Handle L
	R	Handle R
	U	Handle U
	W	Handle W
(2)		SPINDLE
	DV80	8 mm
	DV85	8,5 mm
	DV90	9 mm
(3)		DOOR THICKNESS
. ,	T39	39 mm
	T40	40 mm
	T41	41 mm
	T42	42 mm
	T43	
		43 mm
	T44	44 mm
	T45	45 mm
	T46	46 mm
	T47	47 mm
	T48	48 mm
	T49	49 mm
	T50	50 mm
	T51	51 mm
	T52	52 mm
	T53	53 mm
	T54	54 mm
	T55	55 mm
	T56	
		56 mm
	T57	57 mm
	T58	58 mm
	T59	59 mm
	T60	60 mm
	T61	61 mm
	T62	62 mm
	T63	63 mm
	T64	64 mm
	T65	65 mm
	T66	66 mm
	T67	67 mm
	T68	68 mm
	T69	69 mm
	T70	70 mm
	T71	71 mm
	T72	72 mm
	T73	73 mm
	T74	74 mm
	T75	75 mm
	T76	76 mm
	T77	77 mm
	T78	78 mm
	T79	79 mm
	T80	80 mm
	T81	81 mm
	T82	82 mm
	T83	83 mm
		~~~~~

T84	84 mm
T85	85 mm
T86	86 mm
T87	87 mm
T88	88 mm
T89	89 mm
T90	90 mm
T91	91 mm
T92	92 mm
T93	93 mm
T94	94 mm
T95	95 mm
T96	96 mm
T97	97 mm
T98	98 mm
T99	99 mm
T100	100 mm
T101	101 mm
T102	102 mm
T103	103 mm
T104	104 mm
T105	105 mm
T106	106 mm
T107	107 mm
T108	108 mm
T109	109 mm
T110	110 mm
T111	111 mm
T112	112 mm
T113	113 mm
T114	114 mm
T115	115 mm
(4)	HOLE PROFILE AND DISTANCE
E00	Without holes FINISH
(5)	
MP	Polished brass
EM	Satin stainless steel
<b>EP</b> (6)	Polished stainless steel  APERTURE
BB	Blind-blind
DD	UIIIU-UIIIU

## **XESAR ESCUTCHEON FOR PANIC ESCAPE DOORS**



#### SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems

#### **FUNCTION**

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable

Locking emergency locking function in conjunction with

mechanical lock cylinder

Actuation engage only with authorisation | freely rotating

outside handle to prevent tampering | lockable with

access medium

Design feature elegant design without compromise | timeless

Installation situation emergency exit doors | main entrance doors | safety

doors | full-leaf doors

Humidity range 90% at 0°C Ambient temperature outside —20°C to +60°C

Ambient temperature inside 0°C to +60°C

Door plate dimensions 40 x 280 x 20 mm

Opening cycles, battery set 100.000

Type of power supply emergency power via programming interface |

battery

#### **STANDARDS**

Standard EN 1634-1 90 minutes | EN 179 | EN 1906 | with stability plate DIN 18257: ESO | Austrian Standard

3859: 90 minutes

Certificate fire protection compliance certificate

Directive CE approved | protection class IP52 without seal fitted | protection class IP55 with seal installed

## ASSEMBLY

Lock suitability handle range of up to 40° | mortise locks in accordance with DIN, Austrian Standard | anti-panic lock | self-locking escape door locks in accordance with EN 179/EN 1125

#### INCLUDED COMPONENTS

Included components escutcheon, Screw Set, 3 AAA alkaline batteries, Assembly manual, LUWIHI, Drilling template, paper, panic bar not included

## E.X.BE.AP.(1).(2).(3).(4).(5).(6)

(1)	HANDLE SHAPE		T84	84 mm
L	Handle L		T85	85 mm
R	Handle R		T86	86 mm
U	Handle U		T87	87 mm
W	Handle W		T88	88 mm
(2)	SPINDLE		T89	89 mm
DV80	8 mm		T90	90 mm
DV85	8,5 mm		T91	91 mm
DV90	9 mm		T92	92 mm
(3)	DOOR THICKNESS		T93	93 mm
T39	39 mm		T94	94 mm
T40	40 mm		T95	95 mm
T41	41 mm		T96	96 mm
T42	42 mm		T97	97 mm
T43	43 mm		T98	98 mm
T44	44 mm		T99	99 mm
T45	45 mm		T100	100 mm
T46	46 mm		T101	101 mm
T47	47 mm		T102	102 mm
T48	48 mm		T103	103 mm
T49	49 mm		T104	104 mm
T50	50 mm		T105	105 mm
T51	51 mm		T106	106 mm
T52	52 mm		T107	107 mm
T53	53 mm		T108	108 mm
T54	54 mm		T109	109 mm
T55	55 mm		T110	110 mm
T56	56 mm		T111	111 mm
T57	57 mm		T112	112 mm
T58	58 mm		T113	113 mm
T59	59 mm		T114	114 mm
T60	60 mm	(4)	)	HOLE PROFILE AND DISTANCE
T61	61 mm		E00	Without holes
T62	62 mm		E10	Euro profile 100 mm
T63	63 mm		E11	Euro profile 110 mm
T64	64 mm		E47	Euro profile 47 mm
T65	65 mm		E48	Euro profile 48 mm
T66	66 mm		E49	Euro profile 49 mm
T67	67 mm		E55	Euro profile 55 mm
T68	68 mm		E62	Euro profile 62 mm
T69	69 mm		E70	Euro profile 70 mm
T70	70 mm		E72	Euro profile 72 mm
T71	71 mm		E78	Euro profile 78 mm
T72	72 mm		E85	Euro profile 85 mm
T73	73 mm		E88	Euro profile 88 mm
T74	74 mm		E90	Euro profile 90 mm
T75	75 mm		E92	Euro profile 92 mm
T76	76 mm		E98	Euro profile 98.5 mm
T77	77 mm		R74	Swiss round profile 74 mm
T78	78 mm		R78	Swiss round profile 78 mm
T79	79 mm		R94	Swiss round profile 94 mm
T80	80 mm	(5)		FINISH
T81	81 mm		MP	Polished brass
T82	82 mm		EM	Satin stainless steel
T02	92 mm		ED	Polished stainless steel

ΕP

Polished stainless steel

(6)		APERTURE
	BB	Blind-blind
	GB	With aperture/blind
	BG	Blind/with aperture
	GG	Blind/blind

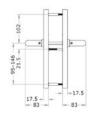
T83

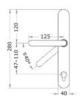
83 mm

## **XESAR ESCUTCHEON WITHOUT ELECTRONICS**









#### SYSTEM PROPERTY

System type electronic access systems | offline access systems | combined locking systems

#### HICH

Design feature elegant design without compromise | for doors

without electronic authorisation request | timeless

Installation situation main entrance doors | metal frame doors | full-leaf

doors

Humidity range 90% at 0°C

Door plate dimensions 40 x 280 x 20 mm

#### **STANDARDS**

Standard EN 1634-1 90 minutes | EN 1634-3 | EN 179 | EN

1906 | Austrian Standard 3859: 90 minutes

## ASSEMBLY

Lock suitability handle range of up to 40° | mortise locks in

accordance with DIN, Austrian Standard

Fixing 3-point screw connection

## INCLUDED COMPONENTS

Included components escutcheon, Screw Set, Assembly manual, LUWIHI,

Drilling template, paper

## E.X.BE.ZO.(1).(2).(3).(4).(5).(6)

(1)	HANDLE SHAPE	T8	<b>4</b> 84 mm
L	Handle L	Т8	<b>5</b> 85 mm
R	Handle R	T8	6 86 mm
U	Handle U	T8	
W	Handle W	T8	<b>8</b> 88 mm
(2)	SPINDLE	T8	
DV80		T9	
DV85		T9	
DV90		T9	
(3)	DOOR THICKNESS	T9	
T39	39 mm	T9	
T40	40 mm	T9	
T41	41 mm	T9	
T42	42 mm	T9	
T43	43 mm	T9	
T44			
	44 mm 45 mm	T9	
T45			00 100 mm
T46	46 mm	T1	
T47	47 mm		<b>02</b> 102 mm
T48	48 mm		03 103 mm
T49	49 mm		<b>04</b> 104 mm
T50	50 mm		<b>05</b> 105 mm
T51	51 mm	T1	06 106 mm
T52	52 mm	T1	<b>07</b> 107 mm
T53	53 mm		08 108 mm
T54	54 mm	T1	<b>09</b> 109 mm
T55	55 mm	T1	<b>10</b> 110 mm
T56	56 mm	T1	<b>11</b> 111 mm
T57	57 mm	T1	<b>12</b> 112 mm
T58	58 mm	T1	<b>13</b> 113 mm
T59	59 mm	T1	<b>14</b> 114 mm
T60	60 mm	(4)	HOLE PROFILE AND DISTANCE
T61	61 mm	E0	<b>0</b> Without holes
T62	62 mm	E1	<b>0</b> Euro profile 100 mm
T63	63 mm	E1	1 Euro profile 110 mm
T64	64 mm	E4	7 Euro profile 47 mm
T65	65 mm	E4	8 Euro profile 48 mm
T66	66 mm	E4	9 Euro profile 49 mm
T67	67 mm	E5	
T68	68 mm	E6	
T69	69 mm	E7	• · · · · · · · · · · · · · · · · · · ·
T70	70 mm	E7	
T71	71 mm	E7	
T72	72 mm	E8	
T73	73 mm	E8	
T74	74 mm	E9	
T75	75 mm	E9	
T76	76 mm	E9	
177 T77	77 mm	R7	
1// T78	77 IIIIII 78 mm	R7	
178 T79	79 mm	R9	
T80			FINISH
100	80 mm 81 mm	(5) <b>M</b> I	
T01		IVII	
T81			
T81 T82 T83	82 mm 83 mm	EN EP	<b>1</b> Satin stainless steel

APERTURE
Blind-blind
With aperture/blind
Blind/with aperture
Blind/blind

# **XESAR ESCUTCHEON VERSIONS**



## HANDLE SHAPES

A handle to suit every taste.

Versions	U – U-handle   L – L-handle   W – W-handle   R – R handle
Product code	U, L, W, R









U-handle matt stainless steel

L-handle matt stainless steel

W-handle matt stainless steel

R-handle matt stainless steel



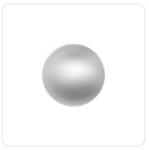
required for escape and panic doors

Versions	80 – 8 mm   85 – 8.5 mm   90 – 9 mm	
Product code	80, 85, 90	



## **FINISHES**

Versions	EM – satin stainless steel   EP – polished stainless steel MP – polished brass	
Product code	EM, EP, MP	







Symbol matt stainless steel

Symbol polished stainless steel

Symbol polished brass

# **XESAR ESCUTCHEON**

# **VERSIONS**



## DOOR PANEL THICKNESSES

Versions	T39 – Door panel thickness 39 mm   T40 – Door panel thickness 40 mm   T41 – Door panel thickness
	41 mm     T113 – Door panel thickness 113 mm   T114 – Door panel thickness 114 mm
Order information	From 39 mm to 114 mm (+2 mm when used with base plate for heavy doors).
Product code	T39, T40, T41,, T113, T114



## **APERTURE**

	Versions	BB – blind/blind   BG – blind/with aperture   GB – with aperture/blindGG – with aperture/with aperture
	Order information	If a cylinder hole is not required, a distance of E00 must be specified.
'	Product code	BB, BG, GB, GG



#### APERTURE PROFILE AND DISTANCE

The furniture lock Universal 4000 is suitable for use in furniture doors, cabinet doors and drawers.

THE TUTTILLITE LOCK OTTIVETS AT 4000 IS SU	litable for use in furniture doors, cabinet doors and drawers.
Versions	E00 – no perforation   E47 – Europrofile 47 mm   E48 – Europrofile 48 mm   E49 – Europrofile 49 mm
	E55 – Europrofile 55 mm   E62 – Europrofile 62 mm   E70 – Europrofile 70 mm   E72 – Europrofile 72
	mm   E78 – Europrofile 78 mm   E85 – Europrofile 85 mm   E88 – Europrofile 88 mm   E90 – Europrofile
	90 mm   E92 – Europrofile 92 mm   E98 – Europrofile 98 mm   E10 – Europrofile 100 mm   E11 –
	Europrofile 110 mm   R74 – Round profile 74 mm   R78 – Round profile 78 mm   R94 – Round profile
	94 mm
Product code	E00   E47   E48   E49   E55   E62   E70   E72   E78   E85   E88   E90   E92   E98   E10   E11   R74   R78
	R94







Illustration of hole profile

# XESAR ESCUTCHEON ACCESSORIES



#### DRILLING TEMPLATE

High-grade drilling template to easily prepare doors for assembly of Xesar escutcheons and Xesar handles. An adjustable stop safeguards the holes are correctly aligned and it enables to adapt the settings to match the requirements of any door situation. Hardened metal drilling sleeves guarantee a long service life even after intense use.

Product code E.ZU.BE.BS.V1



Symbol for metal drilling template



## BASE PLATE

Suitable to cover existing holes when replacing escutcheons in existing doors. The design matches the outline of the escutcheon. Available in three finish versions and sizes.

three finish versions and sizes.		
,	Sales unit	2 campaign
	Dimensions	B52 – 52 × 292 × 2 mm   B65 – 65 × 305 × 2 mm   B76 – 76 × 316 × 2 mm
	Finish	EM – satin stainless steel   EP – polished stainless steel MP – polished brass
	Product code	E.ZU.BE.UP.[Dimensions].[Finish]
	Example	E.ZU.BE.UP.B52.EM



Illustration of base plate

# XESAR ESCUTCHEON ACCESSORIES



#### **BASE PLATE FOR HEAVY-DUTY DOORS**

For use of the Xesar escutcheon in heavy-duty doors, such as security doors. Also suitable to cover existing holes. Available in three finish versions.

versions.	
Versions	60 × 300 × 10 mm
Sales unit	1
Product code	EM – satin stainless steel   EP – polished stainless steel MP – polished brass
Ordering example for option	E.ZU.BE.UP.BST.[Finish]
Ordering example for accessories	E.ZU.BE.UP.BST.EM



Illustration of base plate for heavy doors



## **SET OF SPARE BATTERIES**

Set of spare batteries consisting of 10 commercially available AAA batteries

Product code E.ZU.BAT.AAA.V1.M10



Illustration



#### **EMERGENCY POWER DEVICE**

If batteries have not been replaced in due time despite the warnings, you require an emergency power device to provide Xesar escutcheons with power.

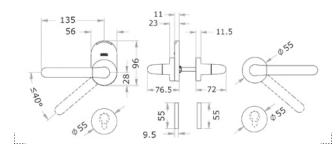
Product code E.ZU.ALLG.NG3



Illustration of emergency power device

# **XESAR HANDLE SINGLE-SIDED ACCESS**





## System specification recording of access events | office mode function | Xesar virtual network System type electronic access systems | offline access systems combined locking systems

SYSTEM PROPERTY

	FUNCTION
Media technology	MIFARE DESFire EV1   MIFARE DESFire EV2
	MIFARE DESFire EV3
Function	event memory, last 1.000 events
Signals	acoustic   optical
Encryption	AES   encrypted data transfer
Interfaces	Bluetooth BLE   Xesar cable
Locking	emergency locking function in conjunction with
	mechanical lock cylinder

	USE
Actuation	engage only with authorisation   freely rotating
	outside handle to prevent tampering   lockable
	with access medium
Design feature	elegant design without compromise   timeless

Installation situation glass door locks | full-leaf doors Humidity range 90% at 0°C Ambient temperature inside +5°C to +50°C Opening cycles, battery set 100.000 Type of power supply emergency power via programming interface |

## STANDARDS Standard EN 1634-1 90 minutes | EN 179 | EN 1906 | Austrian Standard 3859: 90 minutes

## Directive CE approved ASSEMBLY

Fixing 38 mm handle fitting Lock suitability handle range of up to 40° | mortise locks in accordance with DIN, Austrian Standard | glass door lock

## **INCLUDED COMPONENTS** Included components handle, Screw Set, 1 pce. CR123A lithium battery, Assembly manual, LUWIHI, Drilling

template, paper

## E.X.DR.Z1.(1).(2).(3).(4).(5).(6)

OPTION Left Right

RE

(1)	HANDLE SHAPE
L	Handle L
U	Handle U
W	Handle W
(2)	SPINDLE
DV80	8 mm
DV85	8,5 mm
DV90	9 mm
(3)	DOOR THICKNESS
T35	35 mm
T36	36 mm
T37	37 mm
T38	38 mm
T39	39 mm
T40	40 mm
T41	41 mm
T42	42 mm
T43	43 mm
T44	44 mm
T45	45 mm
T46	46 mm
T47	47 mm
T48	48 mm
T49	49 mm
T50	50 mm
T51	51 mm
T52	52 mm
T53	53 mm
T54	54 mm
T55	55 mm
T56	56 mm
T57	57 mm
T58	58 mm
T59	59 mm
T60	60 mm
T61	61 mm
T62	62 mm
T63	63 mm
T64	64 mm
T65	65 mm
T66	66 mm
T67	67 mm
T68	68 mm
T69	69 mm
T70	70 mm
T71	71 mm
T72	72 mm
T73	73 mm
T7/	7.1 mm

T81	81 mm
T82	82 mm
T83	83 mm
T84	84 mm
T85	85 mm
T86	86 mm
T87	87 mm
T88	88 mm
T89	89 mm
T90	90 mm
T91	91 mm
T92	92 mm
T93	93 mm
T94	94 mm
T95	95 mm
T96	96 mm
T97	97 mm
T98	98 mm
T99	99 mm
T100	100 mm
(4)	FINISH
MP	Polished brass
EM	Satin stainless steel
EP	Polished stainless steel
(5)	CYLINDER ROSE
RBL	blind escutcheon
REP	Escutcheon Euro profile
RRP	Escutcheon round profile

T81	81 mm (
T82	82 mm
T83	83 mm
T84	84 mm
T85	85 mm
T86	86 mm
T87	87 mm
T88	88 mm
T89	89 mm
T90	90 mm
T91	91 mm
T92	92 mm
T93	93 mm
T94	94 mm
T95	95 mm
T96	96 mm
T97	97 mm
T98	98 mm
T99	99 mm
T100	100 mm
l)	FINISH
MP	Polished brass
EM	Satin stainless steel
EP	Polished stainless steel
5)	CYLINDER ROSE
RBL	blind escutcheon
REP	Escutcheon Euro profile
000	Facutabaan varind nyafila

T74

T75

T76

T77

T78 T79

T80

74 mm

75 mm 76 mm

77 mm

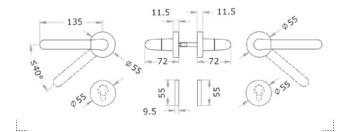
78 mm

79 mm

80 mm

# **XESAR HANDLE WITHOUT ELECTRONICS**





#### SYSTEM PROPERTY

System type electronic access systems | offline access systems | combined locking systems

Design feature elegant design without compromise | for doors

without electronic authorisation request |

timeles

Installation situation glass door locks | full-leaf doors

Humidity range 90% at 0°C

STANDARDS

Standard EN 1634-1 90 minutes | EN 179 | Austrian

Standard 3859: 90 minutes

Directive CE approved

**ASSEMBLY** 

Fixing 38 mm handle fitting

Lock suitability handle range of up to 40° | mortise locks in

accordance with DIN, Austrian Standard | glass

door lock

INCLUDED COMPONENTS

Included components handle, Screw Set, Assembly manual, LUWIHI,

Drilling template, paper

## E.X.DR.Z0.(1).(2).(3).(4).(5).(6)

HANDLE SHAPE

OPTION

Left

Right

LI

RE

` ′	
L	Handle L
U	Handle U
W	Handle W
(2)	SPINDLE
DV80	8 mm
DV85	8,5 mm
DV90	9 mm
(3)	DOOR THICKNESS
T35	35 mm
T36	36 mm
T37	37 mm
T38	38 mm
T39	39 mm
T40	40 mm
T41	41 mm
T42	42 mm
T43	43 mm
T44	44 mm
T45	45 mm
T46	46 mm
T47	47 mm
T48	48 mm
T49	49 mm
T50	50 mm
T51	51 mm
T52	52 mm
T53	53 mm
T54	54 mm
T55	55 mm
T56	56 mm
T57	57 mm
T58	58 mm
T59	59 mm
T60	60 mm
T61	61 mm
T62 T63	62 mm 63 mm
T64	64 mm
T65	65 mm
166 T67	65 mm
T68	68 mm
T69	69 mm
T70	70 mm
T71	71 mm
T72	72 mm
	72

T81	81 mm
T82	82 mm
T83	83 mm
T84	84 mm
T85	85 mm
T86	86 mm
T87	87 mm
T88	88 mm
T89	89 mm
T90	90 mm
T91	91 mm
T92	92 mm
T93	93 mm
T94	94 mm
T95	95 mm
T96	96 mm
T97	97 mm
T98	98 mm
T99	99 mm
T100	100 mm
(4)	FINISH
MP	Polished brass
EM	Satin stainless steel
EP	Polished stainless steel
(5)	CYLINDER ROSE
RBL	blind escutcheon
REP	Escutcheon Euro profile
RRP	Escutcheon round profile

T81	81 mm	(6)
T82	82 mm	LI
T83	83 mm	R
T84	84 mm	
T85	85 mm	
T86	86 mm	
T87	87 mm	
T88	88 mm	
T89	89 mm	
T90	90 mm	
T91	91 mm	
T92	92 mm	
T93	93 mm	
T94	94 mm	
T95	95 mm	
T96	96 mm	
T97	97 mm	
T98	98 mm	
T99	99 mm	
T100	100 mm	
	FINISH	
MP	Polished brass	
EM	Satin stainless steel	
EP	Polished stainless steel	
	CYLINDER ROSE	
RBL	blind escutcheon	
REP	Escutcheon Euro profile	

T73

T74

T75

T76

T77

T78 T79

T80

73 mm

74 mm 75 mm

76 mm

77 mm

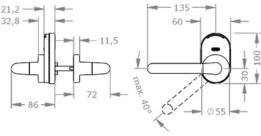
78 mm

79 mm

80 mm

# **XESAR HANDLE SCANDINAVIA, SINGLE-SIDED ACCESS**





#### SYSTEM PROPERTY

System specification

client-server system | Xesar virtual network | MQTT interface for third-party systems | smartphone as

access medium

System type electronic access systems | offline access systems |

combined locking systems

**FUNCTION** 

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable

Locking emergency locking function in conjunction with

mechanical lock cylinder

USE

Actuation freely rotating outside handle to prevent tampering

| lockable with access medium | engage only with

authorisation

Design feature elegant design without compromise | timeless

Installation situation full-leaf doors

Humidity range 90% at 0°C

Ambient temperature inside +5°C to +50°C

Opening cycles, battery set 100.000

Type of power supply emergency power via programming interface |

battery

STANDARDS

Standard EN 179

Directive CE approved

ASSEMBLY

Fixing 38 mm handle fitting

Lock suitability handle range of up to 40° | scandinavian mortise

locks | norwegian scandinavian Mortise locks

**INCLUDED COMPONENTS** 

Included components Handle, Screw Set, 1 pce. CR123A lithium battery,

Assembly manual, LUWIHI, Drilling template, paper

## E.X.DR.ZSK1.(1).(2).(3).(4).(5).(6)

**OPTION** Left

Right

LI

RE

(1)	HANDLE SHAPE
L	Handle L
U	Handle U
W	Handle W
(2)	SPINDLE
DV80	8 mm
DV85	8,5 mm
DV90	9 mm
(3)	DOOR THICKNESS
T35	35 mm
T36	36 mm
T37	37 mm
T38	38 mm
T39	39 mm
T40	40 mm
T41	41 mm
T42	42 mm
T43	43 mm
T44	44 mm
T45	45 mm
T46	46 mm
T47	47 mm
T48	48 mm
T49	49 mm
T50	50 mm
T51	51 mm
T52	52 mm
T53	53 mm
T54	54 mm
T55	55 mm
T56	56 mm
T57	57 mm
T58	58 mm
T59	59 mm
T60	60 mm
T61	61 mm
T62	62 mm
T63	63 mm
T64	64 mm
T65	65 mm
T66	66 mm
T67	67 mm
T68	68 mm
T69	69 mm
T70	70 mm
T71	71 mm
T72	72 mm
T73	73 mm
T74	74 mm
	74 IIIIII 75 mm
T75 T76	75 mm
1/0	70 mm

T81	81 mm
T82	82 mm
T83	83 mm
T84	84 mm
T85	85 mm
T86	86 mm
T87	87 mm
T88	88 mm
T89	89 mm
T90	90 mm
T91	91 mm
T92	92 mm
T93	93 mm
T94	94 mm
T95	95 mm
T96	96 mm
T97	97 mm
T98	98 mm
T99	99 mm
T100	100 mm
(4)	FINISH
MP	Polished brass
EM	Satin stainless steel
EP	Polished stainless steel
(5)	CYLINDER ROSE
RBL	blind escutcheon

T81	81 mm	(6)
T82	82 mm	LI
T83	83 mm	RE
T84	84 mm	
T85	85 mm	
T86	86 mm	
T87	87 mm	
T88	88 mm	
T89	89 mm	
T90	90 mm	
T91	91 mm	
T92	92 mm	
T93	93 mm	
T94	94 mm	
T95	95 mm	
T96	96 mm	
T97	97 mm	
T98	98 mm	
T99	99 mm	
T100	100 mm	
	FINISH	
MP	Polished brass	
EM	Satin stainless steel	
EP	Polished stainless steel	
	CYLINDER ROSE	
RRI	blind escutcheon	

T77

T78

T79

T80

77 mm

78 mm

79 mm 80 mm

# **XESAR HANDLE VERSIONS**



## HANDLE SHAPES

A handle to suit every taste.

Versions	U – U-handle   L – L-handle   W – W-handle   R – R handle
Product code	U, L, W, R









U-handle matt stainless steel

L-handle matt stainless steel

W-handle matt stainless steel

R-handle matt stainless steel



#### **SPINDLE**

required for escape and panic doors

Versions	80 – 8 mm   85 – 8.5 mm   90 – 9 mm	
Product code	80, 85, 90	



## **FINISHES**

Versions	EM – satin stainless steel   EP – polished stainless steel MP – polished brass	
Product code	EM, EP, MP	









Symbol polished brass

# XESAR HANDLE VERSIONS



# DOOR PANEL THICKNESSES

Versions	T35 – Door panel thickness 35 mm   T36 – Door panel thickness 36 mm   T37 – Door panel thickness
	37 mm     T99 – Door panel thickness 99 mm  T100 – Door panel thickness 100 mm
Order information	Z1: 35–95 mm   Z0: 40-100 mm
Product code	T35, T36, T37,, T99, T100



# HANDLE ORIENTATION

Versions	LI – left   RE – right
Product code	LI, RE





Left handle symbol

Right handle symbol

# XESAR HANDLE OPTIONS



# CYLINDER ROSETTE

Cylinder rosettes in matching design.

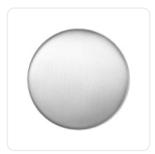
Versions REP – Europrofile | RRP – round profile | RBL – blind
Product code REP, RRP, RBL







Illustration of round profile cylinder rosette



Symbol for blind cylinder rosette

# XESAR HANDLE ACCESSORIES



### **DRILLING TEMPLATE**

High-grade drilling template to easily prepare doors for assembly of Xesar escutcheons and Xesar handles. An adjustable stop safeguards the holes are correctly aligned and it enables to adapt the settings to match the requirements of any door situation. Hardened metal drilling sleeves guarantee a long service life even after intense use.

Product code

E.ZU.BE.BS.V1



Symbol for metal drilling template



### **SET OF SPARE BATTERIES**

Set of spare batteries consisting of 10 CR123A batteries

Product code

E.ZU.BAT.CR123A.V1.M10



Symbol for spare battery set



## **EMERGENCY POWER DEVICE**

If batteries have not been replaced in due time despite the warnings, you will require an emergency power device to provide the Xesar handles with power.

Product code

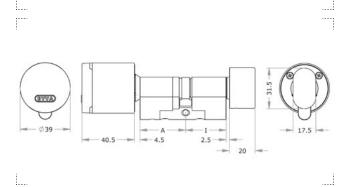
E.ZU.ALLG.NG3



Illustration of emergency power device

# **XESAR THUMB TURN CYLINDER EURO PROFILE SY-MO**





# SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems

#### **FUNCTION**

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function rotary damper | event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable

Actuation engage only with authorisation | freely rotating

outside thumb turn prevents tampering | lockable with access medium | lockable from inside with

thumb turn

Design feature elegant design without compromise | timeless

Installation situation existing doors | heritage-protected areas |

emergency exit doors | main entrance doors | metal frame doors | safety doors | connecting doors |

full-leaf doors | apartment entrance doors

Humidity range 90% at 0°C

Ambient temperature -20°C to +55°C

Opening cycles, battery set 70.000

Type of power supply emergency power via programming interface |

battery

#### SECURITY

Drilling protection yes

Pulling protection yes

# **STANDARDS**

Standard EN 1125 | EN 15684 | EN 1634-1 90 minutes | EN

1634-2 | EN 1634-3 | EN 179 | Austrian Standard

3859: 90 minutes

Certificate fire resistance 90 minutes | SKG***

Directive CE approved | IP65 ingress protection rating

Design modular system (SY-MO)

Design features rated break point on outside thumb turn

Assembly special assembly tool required

Lock suitability mortise locks in accordance with DIN. Austrian

Standard | anti-panic lock

Hole pattern Euro profile

# INCLUDED COMPONENTS

Included components XPZ, Cylinder fixing screw M5, 2 CR2 lithium

batteries, Assembly manual, LUWIHI



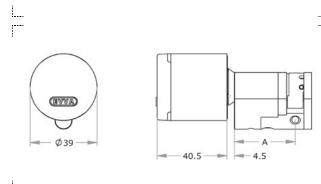
# E.X.PZ.KZ-S.(1).(2).(3).(4)

(1)		CYLINDER LENGTH
	31/K27	31/K27 mm
	31/K31	31/K31 mm
	31/K36	31/K36 mm
(2)		FINISH
	NI	Nickel
	NP	Polished Nickel
	MP	Polished brass
	PS	Patinated black
	PB	Patinated brown
(3)		THUMB TURN SHAPE
	ATA	Adaptable Thumb turn Axis
	X1K	Oval thumb turn

			Security	Assembly	Function
(4)		OPTION			
	AV05	Elongation 5 mm		•	
	AV10	Elongation 10 mm		•	
	AV15	Elongation 15 mm		•	
	BIF	Double cam Biffar®		0	0
	FAP	Anti-panic function	•		
	FLU	Irrespective of installation position			•
	FZG	Free wheel function for gear locks	•		_
	Z10	Cogwheel cam Z10		0	0
	Z18	Cogwheel cam Z18			

# **XESAR HALF CYLINDER EURO PROFILE SY-MO**





# SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems

**FUNCTION** 

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function rotary damper | event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable | cable

Actuation engage only with authorisation | freely rotating

outside thumb turn prevents tampering | lockable

with access medium

Design feature elegant design without compromise | timeless

Installation situation existing doors | heritage-protected areas |

emergency exit doors | metal frame doors | tubular safes | switch cabinets | key switches | distribution

cabinets | full-leaf doors

Humidity range 90% at 0°C

Ambient temperature -20°C to +55°C

Opening cycles, battery set 70.000

Type of power supply emergency power via programming interface |

battery

SECURITY

Drilling protection yes

Pulling protection yes

**STANDARDS** 

Standard EN 1125 | EN 15684 | EN 1634-1 90 minutes | EN

1634-2 | EN 179 | Austrian Standard 3859: 90

minutes

Certificate fire resistance 90 minutes | SKG***

Directive CE approved | IP65 ingress protection rating

ASSEMBLY

Design modular system (SY-MO)

Design features rated break point on outside thumb turn

Assembly special assembly tool required

Lock suitability mortise locks in accordance with DIN, Austrian

Standard | anti-panic lock

Hole pattern Euro profile

INCLUDED COMPONENTS

Included components XPZ, Cylinder fixing screw M5, 2 CR2 lithium

batteries, Assembly manual, LUWIHI

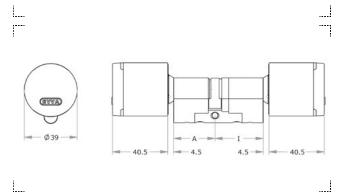
# E.X.PZ.HZ-S.(1).(2).(3)

(1)		CYLINDER LENGTH
	31	31 mm
	36	36 mm
	41	41 mm
	46	46 mm
	51	51 mm
	56	56 mm
	61	61 mm
(2)		FINISH
	NI	Nickel
	NP	Polished Nickel
	MP	Polished brass
	PS	Patinated black
	PB	Patinated brown

			Security	Assembly	Function
(3)		OPTION			
	2GW4	Double rear fixing M4 for HZ		0	
	AV05	Elongation 5 mm		0	
	AV10	Elongation 10 mm		_	
	AV15	Elongation 15 mm		0	
	BIF	Double cam Biffar®		0	0
	FAP	Anti-panic function	•		
	FLU	Irrespective of installation position			•
	FSR	Cam latching			
	FZG	Free wheel function for gear locks	•		0
	Z10	Cogwheel cam Z10		0	0
	Z18	Cogwheel cam Z18		•	•

# **XESAR DOUBLE CYLINDER EURO PROFILE SY-MO**





# SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems

**FUNCTION** 

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function rotary damper | event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable | cable

Actuation lockable on both sides with access medium |

engage only with authorisation | freely rotating outside thumb turn prevents tampering | lockable with access medium | lockable from inside with

thumb turn

Design feature elegant design without compromise | timeless

Installation situation existing doors | heritage-protected areas |

emergency exit doors | main entrance doors | metal frame doors | safety doors | connecting doors |

full-leaf doors | apartment entrance doors

Humidity range 90% at 0°C

Ambient temperature -20°C to +55°C

Opening cycles, battery set 70.000

Type of power supply emergency power via programming interface |

battery

SECURITY

Drilling protection yes

Pulling protection yes

**STANDARDS** 

Standard EN 1125 | EN 15684 | EN 1634-1 90 minutes | EN

1634-2 | EN 1634-3 | EN 179 | Austrian Standard

3859: 90 minutes

Certificate fire resistance 90 minutes | SKG***

Directive CE approved

ASSEMBLY

Design modular system (SY-MO)

Design features rated break point on outside thumb turn

Assembly special assembly tool required

Lock suitability mortise locks in accordance with DIN, Austrian

Standard | anti-panic lock

Hole pattern Euro profile

INCLUDED COMPONENTS

Included components XPZ, Cylinder fixing screw M5, 4 CR2 lithium

batteries, Assembly manual, LUWIHI

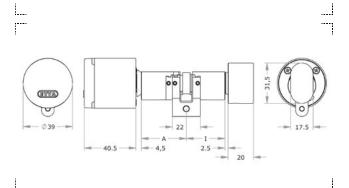
# E.X.PZ.DZ-S.(1).(2).(3)

(1)		CYLINDER LENGTH	(3)
	31/31	31/31 mm	
	31/36	31/36 mm	
	36/31	36/31 mm	
	36/36	36/36 mm	
(2)		FINISH	
	NI	Nickel	
	NI NP	Nickel Polished Nickel	
	NP	Polished Nickel	
	NP MP	Polished Nickel Polished brass	

			Security	Assembly	Function
(3)		OPTION			
	AV05	Elongation 5 mm		0	
	AV10	Elongation 10 mm		0	
	AV15	Elongation 15 mm		•	
	BIF	Double cam Biffar®		•	•
	FAP	Anti-panic function	•		
	FLU	Irrespective of installation position			_
	FZG	Free wheel function for gear locks	•		_
	Z10	Cogwheel cam Z10		•	•
	Z18	Cogwheel cam Z18		•	0

# **XESAR THUMB TURN CYLINDER SWISS ROUND PROFILE SY-MO**





# SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems

**FUNCTION** 

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable | cable

Actuation engage only with authorisation | freely rotating

outside thumb turn prevents tampering | lockable

with access medium

Design feature elegant design without compromise | timeless

Installation situation existing doors | heritage-protected areas |

emergency exit doors | main entrance doors | metal frame doors | safety doors | full-leaf doors |

apartment entrance doors

Humidity range 90% at 0°C

Ambient temperature -20°C to +55°C

Opening cycles, battery set 70.000

Type of power supply emergency power via programming interface |

battery

SECURITY

Drilling protection yes

Pulling protection yes

Standard EN 1125 | EN 15684 | EN 1634-1 90 minutes | EN

179 | Austrian Standard 3859: 90 minutes

Certificate fire resistance 90 minutes | SKG***

Directive CE approved | IP65 ingress protection rating

ASSEMBLY

**STANDARDS** 

Design modular system (SY-MO)

Design features rated break point on outside thumb turn

INCLUDED COMPONENTS

Included components XPZ, Cylinder fixing screw M5, 2 CR2 lithium

batteries, Assembly manual, LUWIHI



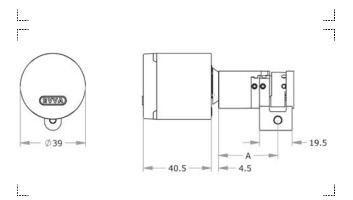
# E.X.PZ.RKZ-S.(1).(2).(3).(4)

(1)		CYLINDER LENGTH
	31/K27	31/K27 mm
	31/K31	31/K31 mm
	31/K36	31/K36 mm
(2)		FINISH
	NI	Nickel
	NP	Polished Nickel
	MP	Polished brass
	PS	Patinated black
	PB	Patinated brown
(3)		THUMB TURN SHAPE
	ATA	Adaptable Thumb turn Axis
	X1K	Oval thumb turn

		Security Assembly Function
(4)	OPTION	
AV05	Elongation 5 mm	•
AV10	Elongation 10 mm	•
AV15	Elongation 15 mm	0
BIF	Double cam Biffar®	• •
Z10	Cogwheel cam Z10	• •
Z18	Cogwheel cam Z18	• •

# **XESAR HALF CYLINDER SWISS ROUND PROFILE SY-MO**





# SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems

#### **FUNCTION**

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable | cable

Actuation engage only with authorisation | freely rotating

outside thumb turn prevents tampering | lockable

with access medium

Design feature elegant design without compromise | timeless

Installation situation existing doors | heritage-protected areas |

emergency exit doors | metal frame doors | tubular safes | switch cabinets | key switches | distribution

cabinets | full-leaf doors

Humidity range 90% at 0°C

Ambient temperature -20°C to +55°C

Opening cycles, battery set 70.000

Type of power supply emergency power via programming interface |

battery

#### SECURITY

Drilling protection yes

Pulling protection yes

#### **STANDARDS**

Standard EN 1125 | EN 15684 | EN 1634-1 90 minutes | EN

179 | Austrian Standard 3859: 90 minutes

Certificate fire resistance 90 minutes | SKG***

Directive CE approved | IP65 ingress protection rating

Design modular system (SY-MO)

Design features rated break point on outside thumb turn

# INCLUDED COMPONENTS

Included components XPZ, Cylinder fixing screw M5, 2 CR2 lithium

batteries, Assembly manual, LUWIHI

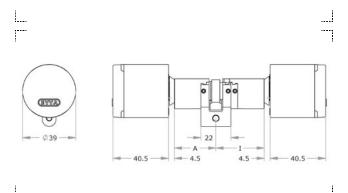
# E.X.PZ.RHZ-S.(1).(2).(3)

(1)		CYLINDER LENGTH
	31	31 mm
	36	36 mm
	41	41 mm
	46	46 mm
	51	51 mm
	56	56 mm
	61	61 mm
(2)		FINISH
	NI	Nickel
	NP	Polished Nickel
	MP	Polished brass
	PS	Patinated black
	PB	Patinated brown

			Security	Assembly	Function
(3)		OPTION			
	2GW4	Double rear fixing M4 for HZ		0	
	AV05	Elongation 5 mm		•	
	AV10	Elongation 10 mm		0	
	AV15	Elongation 15 mm		•	
	BIF	Double cam Biffar®		•	•
	Z10	Cogwheel cam Z10		•	•
	Z18	Cogwheel cam Z18			
	(3)	2GW4 AV05 AV10 AV15 BIF Z10	2GW4 Double rear fixing M4 for HZ AV05 Elongation 5 mm AV10 Elongation 10 mm AV15 Elongation 15 mm BIF Double cam Biffar® Z10 Cogwheel cam Z10	(3) OPTION  2GW4 Double rear fixing M4 for HZ  AV05 Elongation 5 mm  AV10 Elongation 10 mm  AV15 Elongation 15 mm  BIF Double cam Biffar®  Z10 Cogwheel cam Z10	2GW4         Double rear fixing M4 for HZ           AV05         Elongation 5 mm           AV10         Elongation 10 mm           AV15         Elongation 15 mm           BIF         Double cam Biffar®           Z10         Cogwheel cam Z10

# **XESAR DOUBLE CYLINDER SWISS ROUND PROFILE SY-MO**





# SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems

#### **FUNCTION**

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable | cable

#### USE

Actuation lockable on both sides with access medium

engage only with authorisation | freely rotating outside thumb turn prevents tampering | lockable

with access medium

Design feature elegant design without compromise | timeless

Installation situation existing doors | heritage-protected areas |

emergency exit doors | main entrance doors | metal frame doors | safety doors | connecting doors |

full-leaf doors | apartment entrance doors

Humidity range 90% at 0°C

Ambient temperature -20°C to +55°C

Opening cycles, battery set 70.000

Type of power supply emergency power via programming interface |

battery

#### SECURITY

Drilling protection yes

Pulling protection yes

# STANDARDS

Standard EN 1125 | EN 15684 | EN 1634-1 90 minutes | EN

179 | Austrian Standard 3859: 90 minutes

Certificate fire resistance 90 minutes | SKG***

Directive CE approved | IP65 ingress protection rating

#### ASSEMBLY

Design modular system (SY-MO)

Design features rated break point on outside thumb turn

### **INCLUDED COMPONENTS**

Included components XPZ, Cylinder fixing screw M5, 4 CR2 lithium

batteries, Assembly manual, LUWIHI

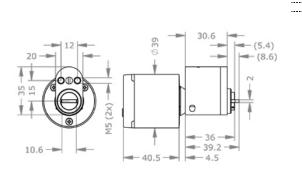
# E.X.PZ.RDZ-S.(1).(2).(3)

(1)	****************	CYLINDER LENGTH
	31/31	31/31 mm
	31/36	31/36 mm
	36/31	36/31 mm
	36/36	36/36 mm
(2)		FINISH
	NI	Nickel
	NP	Polished Nickel
	MP	Polished brass
	PS	Patinated black
	PB	Patinated brown

		Security	Assembly	Function
(3)	OPTION			
AV05	Elongation 5 mm		_	
AV10	Elongation 10 mm		•	
AV15	Elongation 15 mm		_	
BIF	Double cam Biffar®		_	_
Z10	Cogwheel cam Z10		_	0
Z18	Cogwheel cam Z18		0	•

# **XESAR SCANDINAVIAN OVAL OUTSIDE CYLINDER**





#### SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems

#### **FUNCTION**

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable | cable

Actuation engage only with authorisation | freely rotating

outside thumb turn prevents tampering | lockable

with access medium

Design feature elegant design without compromise | timeless

Installation situation main entrance doors | full-leaf doors | apartment

entrance doors

Humidity range 90% at 0°C

Humidity range 90% at 0°C

Ambient temperature -20°C to +55°C

Opening cycles, battery set 70.000

Type of power supply emergency power via programming interface |

battery

#### SECURITY

Drilling protection incorrect

Pulling protection yes

### **STANDARDS**

Standard EN 15684 | SS 3522

Directive CE approved | IP65 ingress protection rating

### **ASSEMBLY**

Design features rated break point on outside thumb turn

Lock suitability scandinavian mortise locks

### INCLUDED COMPONENTS

Included components XPZ, 2 CR2 lithium batteries, Assembly manual,

LUWIHI



# E.X.PZ.SKA.(1).(2)

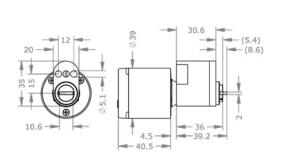
Security Assembly Function

(1)	FINISH	(
NI	Nickel	
NP	Polished Nickel	
MP	Polished brass	

			Š	₹	Œ
(2)	)	OPTION			
	AV05	Elongation 5 mm		0	
	AV10	Elongation 10 mm		_	
	AV15	Elongation 15 mm		_	

# **XESAR SCANDINAVIAN OVAL INSIDE CYLINDER**





	FUNCTION
	combined locking systems
System type	electronic access systems   offline access systems
	Xesar virtual network
System specification	recording of access events   office mode function

SYSTEM PROPERTY

Media technology	MIFARE DESFire EV1   MIFARE DESFire EV2   MIFARE
	DESFire EV3
Function	event memory, last 1.000 events
Signals	acoustic   optical
Encryption	AES   encrypted data transfer
Interfaces	Bluetooth BLE   Xesar cable   cable

	OSE
Actuation	engage only with authorisation   freely rotating
	outside thumb turn prevents tampering   lockable
	with access medium
Design feature	elegant design without compromise   timeless
Installation situation	main entrance doors   full-leaf doors   apartment
	entrance doors

Ambient temperature	−20°C to +55°C
Opening cycles, battery set	70.000
Type of power supply	emergency power via programming interface
	hattan

Humidity range 90% at 0°C

	SECURITY
Drilling protection	incorrect
Pulling protection	yes

	STANDARDS
Standard	EN 15684
Directive	CE approved   IP65 ingress protection rating

	ASSEMIDLI
Design features	rated break point on outside thumb turn
Lock suitability	scandinavian mortise locks

	INCLUDED COMPONENTS
Included components	XPZ, 2 CR2 lithium batteries, Assembly manual,
	LUWIHI



# E.X.PZ.SKI.(1).(2)

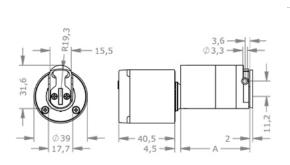
Security Assembly Function

(1)	FINISH	(
NI	Nickel	
NP	Polished Nickel	
MP	Polished brass	

			Š	⋖	Œ
(2)		OPTION			
Α	V05	Elongation 5 mm		0	
Α	V10	Elongation 10 mm		_	
A	V15	Elongation 15 mm		_	

# **XESAR AUSTRALIAN OVAL PROFILE CYLINDER**





	SYSTEM PROPERTY
System specification	recording of access events   office mode function
	Xesar virtual network
System type	electronic access systems   offline access systems
	combined locking systems
	FUNCTION
Media technology	MIFARE DESFire EV1   MIFARE DESFire EV2   MIFARE
	DESFire EV3
Function	event memory, last 1.000 events
J	acoustic   optical
	AES   encrypted data transfer
Interfaces	Bluetooth BLE   Xesar cable   cable
	USE
Actuation	engage only with authorisation   freely rotating
	outside thumb turn prevents tampering   lockable
	with access medium
_	elegant design without compromise   timeless
Installation situation	main entrance doors   full-leaf doors   apartment
	entrance doors
Humidity range	90% at 0°C
	−20°C to +55°C
Opening cycles, battery set	
Type of power supply	3 31 1 3 3 1
	battery
	CECUDITY
Dulling protection	SECURITY
Pulling protection	yes
	STANDARDS
Directive	CE approved   IP65 ingress protection rating
Directive	CL approved   II 05 IIIgless protection rating
	ASSEMBLY
Design features	rated break point on outside thumb turn
z cs.gcutures	rated break point on outside thumb turn

Included components XPZ, Cylinder fixing screw M5, 2 CR2 lithium

batteries, Assembly manual, LUWIHI



(1)

(2)

51 56

NI

MP

# E.X.PZ.A0V.(1).(2).(3)

CYLINDER LENGTH
36 mm
51 mm
56 mm
FINISH
Nickel
Polished brass

Assemt	Function
•	
•	
•	
	_
	Assembly

# X/4KS DOUBLE CYLINDER EURO PROFILE SY-MO



#### SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems | individual lockings

**FUNCTION** 

Media technology AES encryption | MIFARE DESFire EV1 | MIFARE

DESFire EV2 | MIFARE DESFire EV3

Function rotary damper | event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable

USE

Actuation engage only with authorisation | lockable from the

inside with a key | lockable with access medium

Design feature elegant design without compromise | timeless
Installation situation security fences | existing doors | fire doors |

office doors | heritage-protected areas | main entrance doors | metal frame doors | safety doors

 $\mid$  connecting doors  $\mid$  full-leaf doors  $\mid$  apartment

entrance doors

Humidity range 90% at 0°C

Ambient temperature −20°C to +55°C

Opening cycles, battery set 70.000 | 100.000

Type of power supply battery | emergency power via programming

interface

SECURITY

Drilling protection yes

Pulling protection yes

Picking protection yes

STANDARDS

Standard EN 1303:2015 160B0C6B | EN 15684 | EN 1634-1

90 minutes | EN 1634-3

Certificate fire resistance 90 minutes | SKG***

Directive CE approved | PIV | IP65 ingress protection rating

ASSEMBLY

Design modular system (SY-MO)

Design features rated break point on outside thumb turn

Hole pattern Euro profile

Assembly special assembly tool required

Lock suitability mortise locks in accordance with DIN, Austrian

Standard

INCLUDED COMPONENTS

Included components  $\,$  Lock cylinder, Cylinder fixing screw M5, 2 CR2  $\,$ 

lithium batteries, Assembly manual, LUWIHI

# E.X/4KS.PZ.DZ-S.(1).(2).(3)

(1)		CYLINDER LENGTH
( - /	31/36	31/36 mm
	36/36	36/36 mm
(2)		FINISH
(-,	NI	Nickel
	NP	Polished Nickel
	MS	Brass
	MP	Polished brass
	СР	Polished chrome
	CR	Chrome
	PS	Patinated black
	PB	Patinated brown

		Security	Assembly	Function
3)	OPTION			
AV05	Elongation 5 mm		0	
AV10	Elongation 10 mm		0	
AV15	Elongation 15 mm		0	
BIF	Double cam Biffar®		0	0
BSZ	Cylinder can be locked on both sides	•		•
FLU	Irrespective of installation position			•
Z10	Cogwheel cam Z10		_	0
Z14	Cogwheel cam Z14		_	_
Z18	Cogwheel cam Z18		•	•

# X/4KS DOUBLE CYLINDER SWISS ROUND PROFILE SY-MO



	SYSTEM PROPERTY
System specification	recording of access events   office mode function
	Xesar virtual network
System type	electronic access systems   offline access systems
	combined locking systems   individual lockings
	FUNCTION
Media technology	AES encryption   MIFARE DESFire EV1   MIFARE
	DESFire EV2   MIFARE DESFire EV3
Function	rotary damper   event memory, last 1.000 events
	acoustic   optical
	AES   encrypted data transfer
Interfaces	Bluetooth BLE   Xesar cable
	USE
Actuation	engage only with authorisation   lockable from the
	inside with a key   lockable with access medium
_	elegant design without compromise   timeless
Installation situation	security fences   existing doors   fire doors
	office doors   heritage-protected areas   main
	entrance doors   metal frame doors   safety doors
	connecting doors   full-leaf doors   apartment
Llunaiditu ran aa	entrance doors
Humidity range Ambient temperature	
Opening cycles, battery set	
Type of power supply	battery   emergency power via programming
Type of power supply	interface
	SECURITY
Drilling protection	yes
Pulling protection	yes
Picking protection	yes
	STANDARDS
Standard	EN 1303:2015 160B0C6B   EN 15684   EN 1634-1
C-with 1	90 minutes
	fire resistance 90 minutes   SKG***
Directive	CE approved   PIV   IP65 ingress protection rating
	ASSEMBLY
Design	modular system (SY-MO)
	rated break point on outside thumb turn

Design	modular system (SY-MO)
Design features	rated break point on outside thumb turn
Hole pattern	round profile
Assembly	special assembly tool required
Lock suitability	mortise locks for round profile

# INCLUDED COMPONENTS

Included components Lock cylinder, Cylinder fixing screw M5, 2 CR2 lithium batteries, Assembly manual, LUWIHI

(1) 31/36 36/36

(2) ..... NI

NP MS

MP

CP

CR

PS

PB

# E.X/4KS.PZ.RDZ-S.(1).(2).(3)

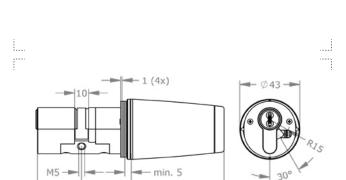
Patinated brown

CYLINDER LENGTH
31/36 mm
36/36 mm
FINISH
Nickel
Polished Nickel
Brass
Polished brass
Polished chrome
Chrome
Patinated black

			Security	Assembly	Function
(3)		OPTION			
,	AV05	Elongation 5 mm		0	
,	AV10	Elongation 10 mm		0	
,	AV15	Elongation 15 mm		•	
ļ	BSZ	Cylinder can be locked on both sides	_		_
ļ	FLU	Irrespective of installation position			0
7	Z10	Cogwheel cam Z10		0	0
7	Z14	Cogwheel cam Z14		•	•
7	Z18	Cogwheel cam Z18		•	•

# **EMZY/4KS THUMB TURN CYLINDER EURO PROFILE SY-MO**





#### CYLINDER LENGTH

Length thumbturn cylinder 31/K36 mm

### SYSTEM PROPERTY

System specification office mode function

System type individual lockings | combined locking systems | mechanical locking systems | electronic access systems | offline access systems | online access

systems

#### **FUNCTION**

Function 1 turn | 2 turn | simple App configuration

Signals acoustic | optical | green: open | red: locked Interfaces switch operating mode | Bluetooth BLE | third-party

systems | deadbolt contact | door contact | door

button

Locking adaptive torque | automatic locking and unlocking

| emergency locking function in conjunction with

mechanical lock cylinder

#### USE

Installation situation heritage-protected areas | office doors | existing doors | main entrance doors | metal frame doors | full-leaf doors | connecting doors | apartment

entrance doors

Humidity range 90% at 0°C Ambient temperature −20°C to +70°C

Type of power supply mains adapter for control unit

Voltage range 24V DC

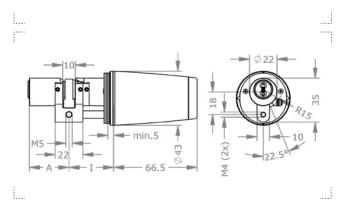
# E.EMZY/4KS.PZ.KZ-S.(1).(2).(3).(4).(5)

(1)		CYLINDER LENGTH
	/K36	31/K36 mm
(2)		FINISH
NI		Nickel
NF	)	Polished Nickel
NF	٧٧	Nickel fully polished
M	S	Brass
MI	P	Polished brass
MI	PV	Brass fully polished
MI	L	Brass lacquered
CP	)	Polished chrome
CP	V	Chrome fully polished
CR	l	Chrome
PS		Patinated black
PB	 }	Patinated brown
(3)		THUMB TURN SHAPE
EB	Т	Bluetooth thumb turn
(4)		THUMBTURN FINISH
K-	NI	Nickel
K-	MS	Brass
K-	СР	Polished chrome
K-	CR	Chrome
K-	MP	Polished brass
K-	NP	Polished Nickel
K-	PB	Patinated brown
K-	PS	Patinated black

			Security	Assembly	Function
(5)		OPTION			
	AS-A	Anti-Snap outer side	0		
	BIF	Double cam Biffar®		0	_
	BSZ	Cylinder can be locked on both sides	•		_
	NS-A	Increased wear resistance outside		•	
	SOS	SOS function	0		
	SEW	Sea water protection		•	•
	SW-A	Dust and weather protection outside		•	
	TFSW	Keyboard foil Black			
	TFWS	Keyboard foil white			
	Z10	Cogwheel cam Z10		0	0
	Z14	Cogwheel cam Z14		•	_
	Z18	Cogwheel cam Z18		•	0

# **EMZY/4KS THUMB TURN CYLINDER SWISS ROUND PROFILE SY-MO**





#### CYLINDER LENGTH

Length thumbturn cylinder 31/K36 mm

### SYSTEM PROPERTY

System specification office mode function

System type individual lockings | electronic access systems | combined locking systems | mechanical locking systems | offline access systems | online access

systems

#### **FUNCTION**

Function 1 turn | 2 turn | simple App configuration

Signals acoustic | optical | green: open | red: locked

Interfaces switch operating mode | Bluetooth BLE | third-party systems | deadbolt contact | door contact | door

button

Locking adaptive torque | automatic locking and unlocking

| emergency locking function in conjunction with

mechanical lock cylinder

#### USE

Installation situation existing doors | office doors | heritage-protected areas | main entrance doors | metal frame doors | connecting doors | full-leaf doors | apartment

entrance doors

Humidity range 90% at 0°C

Type of power supply mains adapter for control unit

Voltage range 24V DC

# E.EMZY/4KS.PZ.RKZ-S.(1).(2).(3).(4).(5)

(1)	CYLINDER LENGTH
31/K36	31/K36 mm
(2)	FINISH
NI	Nickel
NP	Polished Nickel
NPV	Nickel fully polished
MS	Brass
MP	Polished brass
MPV	Brass fully polished
ML	Brass lacquered
CP	Polished chrome
CPV	Chrome fully polished
CR	Chrome
PS	Patinated black
PB	Patinated brown
(3)	THUMB TURN SHAPE
EBT	Bluetooth thumb turn
(4)	THUMBTURN FINISH
K-NI	Nickel
K-MS	Brass
K-CP	Polished chrome
K-CR	Chrome
K-MP	Polished brass
K-NP	Polished Nickel
K-PB	Patinated brown
K-PS	Patinated black

			Security	Assembly	Function
(5)		OPTION			
	AS-A	Anti-Snap outer side	0		
	BIF	Double cam Biffar®		_	•
	BSZ	Cylinder can be locked on both sides	0		0
	NS-A	Increased wear resistance outside		_	
	SOS	SOS function	0		
	SEW	Sea water protection			
	SW-A	Dust and weather protection outside		•	
	SW-A TFSW	Dust and weather protection outside Keyboard foil Black		•	
				•	
	TFSW	Keyboard foil Black		•	
	TFSW TFWS	Keyboard foil Black Keyboard foil white		•	•

# **XESAR PROFILE CYLINDER** VERSIONS



## FINISHES

Versions	NI Nickel   NP Polished Nickel   MP Polished Brass   PB Patinated Brown   PS - Patinated Black
Product code	NI, NP, MP, PB, PS









Symbol patinated black



# THUMB TURN SHAPE

Versions	X1K – Inside thumb turn, mechanical (standard)   ATA – Adaptable thumb turn axis   BLIND – blind	
	module	
Order information	see also EVVA thumb turn range for mechanical components	
Product code	X1K, BLIND, ATA	







Illustration of thumb turn X1K  $\,$ 

Illustration of adaptable thumb turn axis

Illustration of blind module

# **OPTIONS**



# 2GW4 – 2 THREADS M4 REAR SIDE

Order information	for half cylinder only
-------------------	------------------------

Product code 2GW4



### AV[+] - ELONGATED OUTSIDE TURN SLEEVES

The elongated outside turn sleeve may be required for use with cylinders in escutcheons with plug pulling protection.

Versions AV05 – Elongation 5 mm | AV10 – Elongation 10 mm | AV15 – Elongation 15 mm

Product code AV05, AV10, AV15







Elongation 5 mm

Elongation 10 mm

Elongation 15 mm



# BIF - BIFFAR® DOUBLE CAM

Product code BIF



Illustration of BIF



### **FAP – ANTI-PANIC FUNCTION**

Product code FAP



# FLU – INSTALLATION SITUATION REGARDLESS OF THE POSITION

Product code FLU



# FSR - CAM LATCHING

Product code	FSR

# **OPTIONS**



## FZG - FOR LOCKS WITH MULTI-POINT LOCKS

Product code F2



### RIT[+] - RITTAL® CAM CONTROL CABINET

Versions	RITL – Rittal® cam, angled left   RITR – Rittal® cam, angled, right   RITO – Rittal® cam without bevel
Product code	ritl, ritr, rito











Illustration of Rittal® cam without bevel



### SEP - EUROPROFILE CAM

Product code SEP



Illustration of SEP



## SRP - ROUND PROFILE CAM

Product code SRP



Illustration of SRP

# **OPTIONS**



SKG3 – SKG***

Product code

SKG3



Z[+] - COGWHEEL CAM

Product code Z10, Z18





Illustration of cogwheel cam 10

Illustration of cogwheel cam 18

# **ACCESSORIES**



## ASSEMBLY TOOL FOR THE XESAR CYLINDER

This special tool is required to assemble and disassemble the electronic thumb turn and to replace the batteries.

oduct code E.ZU.PZ.ZW.V1



Illustration of assembly tool for Xesar cylinder



### **ASSEMBLY TOOL SET 2 FOR XESAR CYLINDERS**

This special tool is required to assemble and disassemble the electronic thumb turn and to replace the batteries as well as specifically to assemble the padlock. It also features a locking pin to block the cylinder plug.

roduct code E.ZU.PZ.ZW.V2.



Assembly tool set 2 for Xesar cylinders

# **ACCESSORIES**



### **BATTERY REPLACEMENT SET**

5x battery replacement set incl. 10 seals (1x PZ9, 1xPZ7, 2x CR2, 1x E.TE.ALLG.ALLG1).

Product code

E.TE.PZ.PZ14



Symbol for battery replacement set



### **EMERGENCY POWER DEVICE**

If batteries have not been replaced in due time despite the warnings, you will require an emergency power device to provide the Xesar handles with power.

Product code

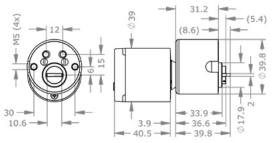
E.ZU.ALLG.NG3



Illustration of emergency power device

# **XESAR OUTSIDE CYLINDER 37 MM SECURITY VERSION**





# SYSTEM PROPERTY

System specification client-server system | Xesar virtual network | mQTT

interface for third-party systems | smartphone as

access medium

System type electronic access systems | offline access systems |

combined locking systems

### **FUNCTION**

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable | cable

Actuation freely rotating outside thumb turn prevents

tampering | lockable with access medium | engage

only with authorisation

Design feature elegant design without compromise | timeless Installation situation main entrance doors | full-leaf doors | apartment

entrance doors | office doors | connecting doors |

metal frame doors

Humidity range 90% at 0°C Ambient temperature -20°C to +55°C

Opening cycles, battery set 70.000

Type of power supply emergency power via programming interface |

battery

#### SECURITY

Pulling protection yes

# **STANDARDS**

Standard EN 15684 | SS 3522

Directive iP65 ingress protection rating

## **ASSEMBLY**

Design features rated break point on outside thumb turn

Hole pattern hole pattern d > 40 mm

Fixing BFRXDS

Assembly special assembly tool required

Lock suitability scandinavian mortise locks

Design compact design

### INCLUDED COMPONENTS

Included components lock cylinder, 2 CR2 lithium batteries, assembly

manual, Important information

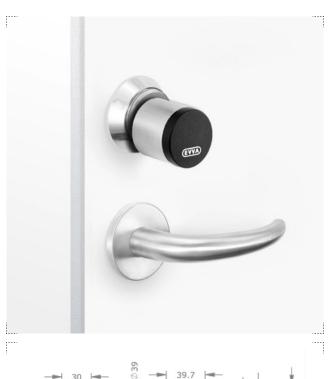
## E.X.AI.AZ37.SEC.(1).(2).(3)

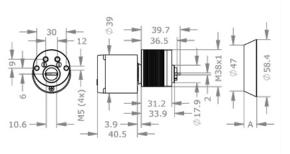
Security Assembly Function

(1)	FINISH
NI	Nickel
NP	Polished Nickel
MP	Polished brass
(2)	CYLINDER ROSE
(2) <b>R0N6</b>	CYLINDER ROSE 6 mm
RON6 RON8	
	6 mm

		 _	_
(3)	OPTION	 	
AV05	Elongation 5 mm	_	
AV10	Elongation 10 mm	_	
AV15	Elongation 15 mm	0	

## **XESAR OUTSIDE CYLINDER 38 MM NORWEGIAN VERSION**





	SYSTEM PROPERTY
System specification	client-server system   Xesar virtual network   mQTT
	interface for third-party systems   smartphone as
	access medium
System type	electronic access systems   offline access systems
	combined locking systems
	FUNCTION
Media technology	MIFARE DESFire EV1   MIFARE DESFire EV2   MIFARE
	DESFire EV3
Function	event memory, last 1.000 events
	acoustic   optical
	AES   encrypted data transfer
Interfaces	Bluetooth BLE   Xesar cable   cable
	USE
Actuation	freely rotating outside thumb turn prevents
	tampering   lockable with access medium   engage
	only with authorisation
	elegant design without compromise   timeless
Installation situation	main entrance doors   full-leaf doors   apartment
11 2 2	entrance doors
Humidity range	
Ambient temperature	
Type of power supply	emergency power via programming interface
	battery
	SECURITY
Pulling protection	
running protection	,
	STANDARDS
Standard	EN 15684   SS 3522
	iP65 ingress protection rating
	ASSEMBLY
Design features	rated break point on outside thumb turn
Lock suitability	norwegian scandinavian Mortise locks
Fixing	BFIK1M
Assembly	special assembly tool required
	1 1 20

INCLUDED COMPONENTS

Hole pattern hole pattern d > 38 mm

Design compact design

INCLUDED CON

Included components lock cylinder, 2 CR2 lithium batteries, assembly

manual, Important information

## E.X.AI.AZ38.NOR.(1).(2).(3)

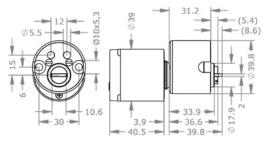
Security Assembly Function

(1)	FINISH
NI	Nickel
NP	Polished Nickel
MP	Polished brass
(2)	CYLINDER ROSE
(2) <b>RON6</b>	CYLINDER ROSE 6 mm
` ′	
RON6	6 mm

		S	⋖	ш
(3)	OPTION			
AV05	Elongation 5 mm		_	
AV10	Elongation 10 mm		_	
AV15	Elongation 15 mm		_	

## **XESAR INSIDE CYLINDER 37 MM SECURITY VERSION**





### SYSTEM PROPERTY

System specification client-server system | Xesar virtual network | mQTT interface for third-party systems | smartphone as

access medium

System type electronic access systems | offline access systems |

combined locking systems

### **FUNCTION**

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable | cable

Actuation freely rotating outside thumb turn prevents

tampering | lockable with access medium | engage

only with authorisation

Design feature elegant design without compromise | timeless Installation situation main entrance doors | full-leaf doors | apartment

entrance doors | office doors | connecting doors |

metal frame doors

Humidity range 90% at 0°C Ambient temperature -20°C to +55°C

Opening cycles, battery set 70.000

Type of power supply emergency power via programming interface |

battery

### SECURITY

Pulling protection yes

## **STANDARDS**

Standard EN 15684

Directive iP65 ingress protection rating

### **ASSEMBLY**

Design features rated break point on outside thumb turn

Fixing BFRXDS

Assembly special assembly tool required

Lock suitability scandinavian mortise locks

Design compact design

### INCLUDED COMPONENTS

Included components lock cylinder, 2 CR2 lithium batteries, assembly

manual, Important information

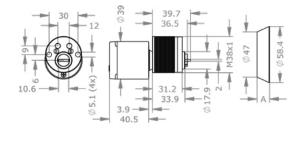
E.X.AI.IZ37.SEC.(1).(2).(3)

(1)	FINISH
NI	Nickel
NP	Polished Nickel
MP	Polished brass
(2)	CYLINDER ROSE
(2) <b>R0N6</b>	CYLINDER ROSE 6 mm
RON6 RON8	
	6 mm

		01	~	-
(3)	OPTION			
AV05	Elongation 5 mm		•	
AV10	Elongation 10 mm		•	
AV15	Elongation 15 mm		_	

## **XESAR INSIDE CYLINDER 38 MM NORWEGIAN VERSION**





System specification	client-server system   Xesar virtual network   mQTT
, ,	interface for third-party systems   smartphone as
	access medium
System type	electronic access systems   offline access systems
5,555 3,45	combined locking systems
	combined locking systems
	FUNCTION
Media technology	MIFARE DESFire EV1   MIFARE DESFire EV2   MIFARE
wiedla teermology	DESFire EV3
Function	event memory, last 1.000 events
	acquetic Lantical
_	AES   encrypted data transfer
	Bluetooth BLE   Xesar cable   cable
interfaces	bidetootii bee   Acsai cabie   Cabie
	USE
Actuation	freely rotating outside thumb turn prevents
	tampering   lockable with access medium   engage
	only with authorisation
Design feature	elegant design without compromise   timeless
_	main entrance doors   full-leaf doors   apartment
	entrance doors
Humidity range	
Ambient temperature	
Opening cycles, battery set	70.000
Type of power supply	emergency power via programming interface
	battery
	SECURITY
Pulling protection	yes
	STANDARDS
Standard	EN 15684
Directive	iP65 ingress protection rating
5	ASSEMBLY
	rated break point on outside thumb turn
	norwegian scandinavian Mortise locks
9	BFIK1M
Assembly	special assembly tool required

SYSTEM PROPERTY

**INCLUDED COMPONENTS** 

Hole pattern hole pattern d > 38 mm Design compact design

Included components lock cylinder, 2 CR2 lithium batteries, assembly manual, Important information

## E.X.AI.IZ38.N0R.(1).(2).(3)

Security Assembly Function

(1)	FINISH
NI	Nickel
NP	Polished Nickel
MP	Polished brass
(2)	CYLINDER ROSE
(2) R0N6	
RON6	6 mm

		٠,	_	
(3)	OPTION			
AV05	Elongation 5 mm		_	
AV10	Elongation 10 mm		0	
AV15	Elongation 15 mm		_	

## **XESAR OUTSIDE AND INSIDE CYLINDER VERSIONS**



## FINISHES

NI – nickel | NP – polished nickel | MP – polished brass Versions Product code NI, NP, MP







Illustration of polished nickel

Symbol polished brass

# **XESAR OUTSIDE AND INSIDE CYLINDER** OPTIONS



## AV[+] - ELONGATED OUTSIDE TURN SLEEVES

The elongated outside turn sleeve may be required for use with cylinders in escutcheons with plug pulling protection.

Versions AV05 – Elongation 5 mm | AV10 – Elongation 10 mm | AV15 – Elongation 15 mm

Product code AV05, AV10, AV15







Elongation 5 mm

Elongation 10 mm

Elongation 15 mm



## RON[+] - NORWEGIAN CYLINDER ROSETTE

	Versions	R0N6 – Norwegian cylinder rosette 6 mm   R0N8 – Norwegian cylinder rosette 8 mm   R0N13 –
		Norwegian cylinder rosette 13 mm
,	Product code	RON6, RON8, RON13

## **XESAR OUTSIDE AND INSIDE CYLINDER**

## **ACCESSORIES**



### ASSEMBLY TOOL FOR THE XESAR CYLINDER

This special tool is required to assemble and disassemble the electronic thumb turn and to replace the batteries.

oduct code E.ZU.PZ.ZW.V1



Illustration of assembly tool for Xesar cylinder



### **ASSEMBLY TOOL SET 2 FOR XESAR CYLINDERS**

This special tool is required to assemble and disassemble the electronic thumb turn and to replace the batteries as well as specifically to assemble the padlock. It also features a locking pin to block the cylinder plug.

Product code E.ZU.PZ.ZW.V2.



Assembly tool set 2 for Xesar cylinders



## **BATTERY REPLACEMENT SET**

5x battery replacement set incl. 10 seals (1x PZ9, 1xPZ7, 2x CR2, 1x E.TE.ALLG.ALLG1).

roduct code E.TE.PZ.PZ1-



Symbol for battery replacement set

# **XESAR OUTSIDE AND INSIDE CYLINDER** ACCESSORIES



## **EMERGENCY POWER DEVICE**

If batteries have not been replaced in due time despite the warnings, you will require an emergency power device to provide the Xesar handles with power.

Product code

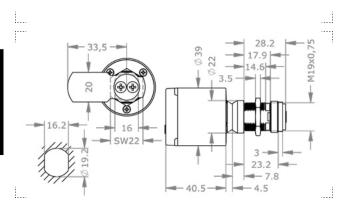
E.ZU.ALLG.NG3



Illustration of emergency power device

## **XESAR CAM LOCK 19 MM**





## SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems

**FUNCTION** 

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable | cable

Locking locked with cam on the rear

Actuation engage only with authorisation | freely rotating

outside thumb turn prevents tampering | lockable

with access medium

Design feature elegant design without compromise | timeless

Installation situation mailbox systems | full-leaf doors Humidity range 90% at 0°C

Ambient temperature -20°C to +55°C

Opening cycles, battery set 70.000

Type of power supply emergency power via programming interface | battery

SECURITY

Pulling protection yes

**STANDARDS** Directive CE approved | IP65 ingress protection rating

**ASSEMBLY** 

Design features rated break point on outside thumb turn

**INCLUDED COMPONENTS** 

Included components XPZ, 2 CR2 lithium batteries, Assembly manual,

Important information

## **E.X.HB.MB19.(1).(2).(3).(4).(5).(6)**

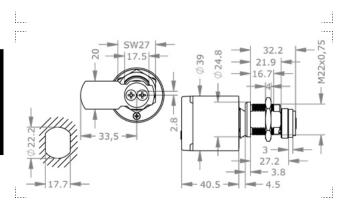
Security Assembly Function

(1)	CYLINDER LENGTH
23	23 mm
(2)	ELECTRONIC CAM OPTION
FVS	Locked cam
(3)	FINISH
NI	Nickel
NP	Polished Nickel
MP	Polished brass
(4)	CAM
OSN	Without cam
(5)	CAM LOCK LOCKING DIRECTION
STA	From left to top
STB	from right to top
STC	from left to bottom
STD	from right to bottom
STE	From top to left
STF	From top to right:
STG	From bottom to left
STH	from bottom to right

		S	As	æ
(6)	OPTION			
 AV05	Elongation 5 mm		0	
AV10	Elongation 10 mm		_	
 AV15	Elongation 15 mm		0	

## **XESAR CAM LOCK 22 MM**





## SYSTEM PROPERTY

System specification recording of access events | office mode function |

Xesar virtual network

System type electronic access systems | offline access systems |

combined locking systems

**FUNCTION** 

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic | optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable | cable

Locking locked with cam on the rear

Actuation engage only with authorisation | freely rotating

outside thumb turn prevents tampering | lockable

with access medium

Design feature elegant design without compromise | timeless

Installation situation mailbox systems | full-leaf doors

Humidity range 90% at 0°C

Ambient temperature −20°C to +55°C

Opening cycles, battery set 70.000

Type of power supply emergency power via programming interface |

battery

SECURITY

Pulling protection yes

**STANDARDS** 

Directive CE approved | IP65 ingress protection rating

**ASSEMBLY** 

Design features rated break point on outside thumb turn

**INCLUDED COMPONENTS** 

Included components XPZ, 2 CR2 lithium batteries, Assembly manual,

Important information

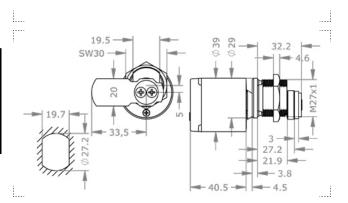
## E.X.HB.MB22.(1).(2).(3).(4).(5).(6)

Ĭ	(6)	OPTION		
	AV05	Elongation 5 mm	•	
	AV10	Elongation 10 mm	 0	
	AV15	Elongation 15 mm	 _	
ĭ.			 	

(1)	CYLINDER LENGTH
27	27 mm
(2)	ELECTRONIC CAM OPTION
FVS	Locked cam
(3)	FINISH
NI	Nickel
NP	Polished Nickel
MP	Polished brass
(4)	CAM
0SN	Without cam
USIN	vvitilout carri
(5)	CAM LOCK LOCKING DIRECTION
(5)	CAM LOCK LOCKING DIRECTION
(5) STA	CAM LOCK LOCKING DIRECTION From left to top
STA STB	CAM LOCK LOCKING DIRECTION From left to top from right to top
STA STB STC	CAM LOCK LOCKING DIRECTION From left to top from right to top from left to bottom
STA STB STC STD	CAM LOCK LOCKING DIRECTION  From left to top from right to top from left to bottom from right to bottom From top to left
STA STB STC STD STE	CAM LOCK LOCKING DIRECTION  From left to top from right to top from left to bottom from right to bottom From top to left

## **XESAR CAM LOCK 27 MM**





## SYSTEM PROPERTY System specification recording of access events | office mode function | Xesar virtual network System type electronic access systems | offline access systems | combined locking systems **FUNCTION** Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE DESFire EV3 Function event memory, last 1.000 events Signals acoustic optical Encryption AES | encrypted data transfer Interfaces Bluetooth BLE | Xesar cable | cable Locking locked with cam on the rear Actuation engage only with authorisation | freely rotating outside thumb turn prevents tampering | lockable with access medium Design feature elegant design without compromise | timeless Installation situation mailbox systems | full-leaf doors Humidity range 90% at 0°C Ambient temperature −20°C to +55°C Opening cycles, battery set 70.000 Type of power supply emergency power via programming interface | battery SECURITY Pulling protection yes **STANDARDS** Directive CE approved | IP65 ingress protection rating

INCLUDED COMPONENTS
Included components XPZ, 2 CR2 lithium batteries, Assembly manual,

**ASSEMBLY** 

Design features rated break point on outside thumb turn

Important information

Subject to technical changes without notice.

## E.X.HB.MB27.(1).(2).(3).(4).(5).(6)

(6) AV05

AV10 AV15 OPTION
Elongation 5 mm Elongation 10 mm
Elongation 15 mm

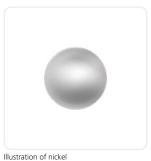
(1)	CYLINDER LENGTH
27	27 mm
(2)	ELECTRONIC CAM OPTION
FVS	Locked cam
(3)	FINISH
NI	Nickel
NP	Polished Nickel
MP	Polished brass
(4)	CAM
OSN	Without cam
(5)	CAM LOCK LOCKING DIRECTION
STA	From left to top
STB	from right to top
STC	from left to bottom
STD	from right to bottom
STE	From top to left
STF	From top to right:
STG	From bottom to left
STH	from bottom to right

## **XESAR CAM LOCK VERSIONS**



## **FINISHES**

Versions	NI – nickel   NP – polished nickel   MP – polished brass
Product code	NI NP MP







Symbol polished brass

# XESAR CAM LOCK OPTIONS



## AV[+] - ELONGATED OUTSIDE TURN SLEEVES

The elongated outside turn sleeve may be required for use with cylinders in escutcheons with plug pulling protection.

Versions AV05 – Elongation 5 mm | AV10 – Elongation 10 mm | AV15 – Elongation 15 mm

Product code AV05, AV10, AV15







Elongation 5 mm

Elongation 10 mm

Elongation 15 mm



## ST[+] - LOCKING DIRECTION

By specifying the locking direction, the cam movement is adapted to the installation situation.

Versions

STA - Locking direction from left to top | STB – Locking direction from right to top | STC – Locking direction from left to bottom | STD – Locking direction from right to bottom | STE – Locking direction from top to left | STF – Locking direction from top to right | STG - Locking direction from bottom to left | STH - Locking direction from bottom to right

Product code,

STA - Locking direction from left to top | STB – Locking direction from right to top | STE – Locking direction from bottom to left |

STH - Locking direction from bottom to right

Product code,

STA - Locking direction from left to top | STB – Locking direction from right to top | STE – Locking direction from right to top | STE – Locking direction from right to bottom | STE – Locking direction from right to bottom | STE – Locking direction from right to bottom | STE – Locking direction from top to right | STG - Locking direction from bottom to left |

STH - Locking direction from bottom to right | STG - Locking direction from bottom to right |

Product code,







Illustration of STB locking direction

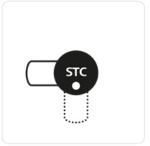


Illustration of STC locking direction

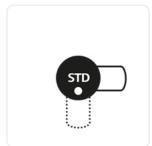


Illustration of STD locking direction



Illustration of STE locking direction



Illustration of STF locking direction



Illustration of STG locking direction



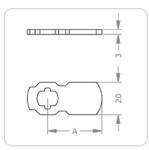
Illustration of STH locking direction

## **XESAR CAM LOCK**

## **OPTIONS**

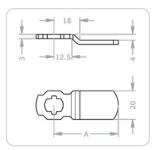


## Horizontal EVVA locking cams for sheet metal panel boxes and display cabinets.



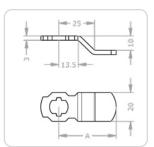
## H72[A]

Cam length A in mm: 18 | 26 | 27 | 33 | 37 | 40 | +5 ... | 85



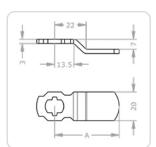
## H87[A]

Cam length A in mm: 33 | 40 | 45 | 65



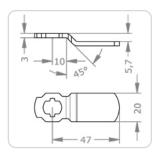
## H92[A]

Cam length A in mm: 41 | 48 | 52



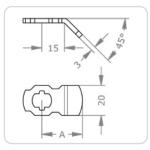
## H95[A]

Cam length A in mm: 45 | 50



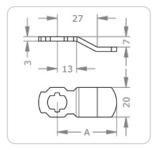
## H98[A]

Cam length in mm:



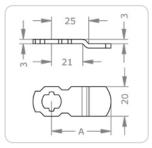
## H89[A]

Cam length A in mm: 27



### H91[A]

Cam length A in mm: 39 | 59 | 65

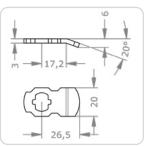


## H97[A]

Cam length A in mm: 33 | 37 | 40 | 45 | 50 | 55 | 70

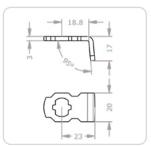


## Vertical EVVA locking cams for sheet metal panel boxes and display cabinets.



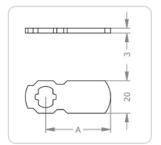
## H6326

Cam length in mm:



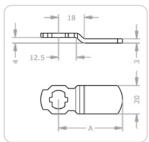
## H6423

Cam length in mm: 23



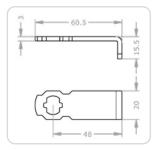
## H73[A]

Cam length A in mm: 26 | 33 | 36 | 40 | +5 ... | 80



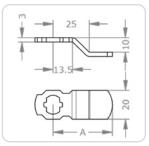
## H88[A]

Cam length A in mm: 45 | 65



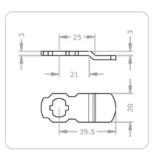
### H9048

Cam length in mm:



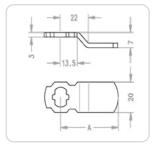
## H94[A]

Cam length A in mm: 33 | 41 | 59



### H9939

Cam length in mm:



### H96[A]

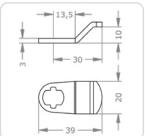
Cam length A in mm: 33 | 45 | 50

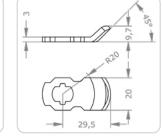
## **XESAR CAM LOCK**

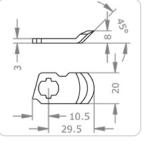
## **OPTIONS**

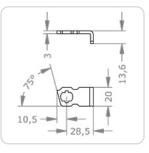


## Horizontal EVVA locking cams for post boxes and other potential applications.









## HB0230

Cam length in mm:

## HB0329

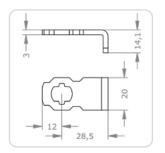
Cam length in mm: 29

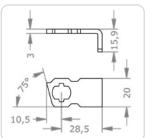
## HB0429

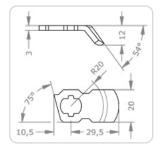
Cam length in mm:

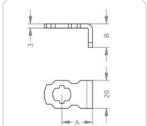
## **HB0628**

Cam length in mm: 28









## HB0728

Cam length in mm:

## HB0828

Cam length in mm:

## HB1029

Cam length in mm:

## HB[A][B]

Cam length [A][B] in mm: [22][14] | [22][17] | [22][22] | [28][17] | [28][22]

## **XESAR CAM LOCK**

## **ACCESSORIES**



### ASSEMBLY TOOL FOR THE XESAR CYLINDER

This special tool is required to assemble and disassemble the electronic thumb turn and to replace the batteries.

oduct code E.ZU.PZ.ZW.V1



Illustration of assembly tool for Xesar cylinder



### **ASSEMBLY TOOL SET 2 FOR XESAR CYLINDERS**

This special tool is required to assemble and disassemble the electronic thumb turn and to replace the batteries as well as specifically to assemble the padlock. It also features a locking pin to block the cylinder plug.

Product code

E.ZU.PZ.ZW.V2.



Assembly tool set 2 for Xesar cylinders



## **BATTERY REPLACEMENT SET**

5x battery replacement set incl. 10 seals (1x PZ9, 1xPZ7, 2x CR2, 1x E.TE.ALLG.ALLG1).

Product code E.TE.PZ.PZ14



Symbol for battery replacement set

# XESAR CAM LOCK ACCESSORIES



## **EMERGENCY POWER DEVICE**

If batteries have not been replaced in due time despite the warnings, you will require an emergency power device to provide the Xesar handles with power.

Product code

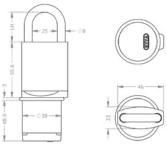
E.ZU.ALLG.NG3



Illustration of emergency power device

## **XESAR PADLOCK WITH MODULE, CLEARANCE WIDTH 24 MM**





### SYSTEM PROPERTY

System specification client-server system | Xesar virtual network | mQTT interface for third-party systems | smartphone as

access medium

System type electronic access systems | offline access systems |

combined locking systems

### **FUNCTION**

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable | cable

Actuation freely rotating outside thumb turn prevents

tampering | lockable with access medium | engage

only with authorisation

Design feature elegant design without compromise | timeless

Installation situation mesh gate | server cabinets | security fences | barrier systems | cellar cubicles | roller shutters | chain

barriers

Humidity range 90% at 0°C

Ambient temperature -20°C to +55°C

Opening cycles, battery set 70.000

Type of power supply emergency power via programming interface |

battery

### MATERIAL

Material shackle hardened steel

## ASSEMBLY

Design features rated break point on outside thumb turn

Design modular system SY-MO

Fixing hook into eyelet or hasp

Assembly special assembly tool required

## **INCLUDED COMPONENTS**

Included components padlock, 2 CR2 lithium batteries, assembly manual,

Important information

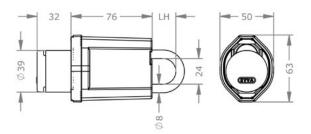
## E.X.HA.HM24-S.(1).(2).(3)

		Security Assembly Function
(3)	OPTION	
BS	Shackle protection	0
RL	Drain hole	•

(1)	FINISH
NI	Nickel
(2)	PADLOCK SHACKLE
N30	Stainless steel shackle. Clearance
	30 mm
N40	Stainless steel shackle. Clearance
	40 mm
N50	Stainless steel shackle. Clearance
	50 mm
N60	Stainless steel shackle. Clearance
	60 mm
N70	Stainless steel shackle. Clearance
	70 mm
N80	Stainless steel shackle. Clearance
	80 mm
N90	Stainless steel shackle. Clearance
	90 mm
N100	Stainless steel shackle. Clearance
	100 mm
N120	Stainless steel shackle. Clearance
	120 mm
N150	Stainless steel shackle. Clearance
	150 mm
N180	Stainless steel shackle. Clearance
	180 mm
N200	Stainless steel shackle. Clearance
	200 mm
S17	Steel shackle. Clearance 17 mm
S30	Steel shackle. Clearance 30 mm

## **XESAR PADLOCK ANCHOR LAS 802-2WP CLASS 2**





## SYSTEM PROPERTY System specification client-server system | Xesar virtual network | mQTT interface for third-party systems | smartphone as access medium System type electronic access systems | offline access systems | combined locking systems **FUNCTION** Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE DESFire EV3 Function event memory, last 1.000 events Signals acoustic optical Encryption AES | encrypted data transfer Interfaces Bluetooth BLE | cable Actuation self-locking shackle | freely rotating outside thumb turn prevents tampering | lockable with access medium | engage only with authorisation Installation situation mesh gate | server cabinets | security fences | barrier systems | cellar cubicles | roller shutters Humidity range 90% at 0°C Ambient temperature -20°C to +55°C Opening cycles, battery set 70.000 Type of power supply emergency power via programming interface | battery MATERIAL Material shackle stainless steel door STANDARDS Standard SSF014 V3 Class 2 | EN12320_2012 Grade 3 Directive IP65 ingress protection rating ASSEMBLY

Design features rated break point on outside thumb turn
Fixing hook into eyelet or hasp
Assembly special assembly tool required

INCLUDED COMPONENTS
Included components padlock, 2 CR2 lithium batteries, assembly manual,

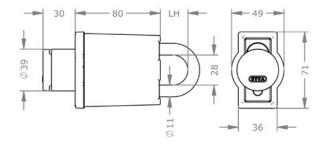
Important information

## E.X.HA.H802-2WP.(1)

(1)	PADLOCK SHACKLE
BDM08	Shackle diameter 8 mm
N25	Stainless steel shackle. Clearance
	25 mm
N60	Stainless steel shackle. Clearance
	60 mm
N110	Stainless steel shackle. Clearance
	110 mm

## **XESAR PADLOCK ANCHOR LAS 830-3WP CLASS 3**





## SYSTEM PROPERTY System specification client-server system | Xesar virtual network | mQTT interface for third-party systems | smartphone as access medium System type electronic access systems | offline access systems | combined locking systems **FUNCTION** Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE DESFire EV3 Function event memory, last 1.000 events Signals acoustic optical Encryption AES | encrypted data transfer Interfaces Bluetooth BLE | cable Actuation freely rotating outside thumb turn prevents tampering | lockable with access medium | engage only with authorisation Design feature timeless Installation situation mesh gate | server cabinets | security fences | barrier systems | cellar cubicles | roller shutters | chain barriers Humidity range 90% at 0°C Ambient temperature -20°C to +55°C Opening cycles, battery set 70.000 Type of power supply emergency power via programming interface | battery MATERIAL Material shackle hardened steel STANDARDS Standard EN12320_2012 Grade 4 | SSF014 V3 Class 3 Directive IP65 ingress protection rating ASSEMBLY Design features rated break point on outside thumb turn Fixing hook into eyelet or hasp Assembly special assembly tool required

INCLUDED COMPONENTS
Included components padlock, 2 CR2 lithium batteries, assembly manual,

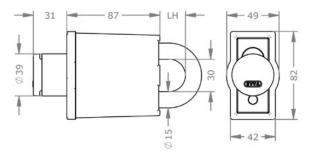
Important information

## E.X.HA.H830-3WP.(1)

(1)	PADLOCK SHACKLE
BDM11	Shackle diameter 11 mm
S28	Steel bracket 28 mm
S50	Steel shackle. Clearance 50 mm

## **XESAR PADLOCK ANCHOR LAS 848-4WP CLASS 4**





## SYSTEM PROPERTY System specification client-server system | Xesar virtual network | mQTT interface for third-party systems | smartphone as access medium System type electronic access systems | offline access systems | combined locking systems **FUNCTION** Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE DESFire EV3 Function event memory, last 1.000 events Signals acoustic optical Encryption AES | encrypted data transfer Interfaces Bluetooth BLE | cable Actuation freely rotating outside thumb turn prevents tampering | lockable with access medium | engage only with authorisation Design feature timeless Installation situation mesh gate | server cabinets | security fences | barrier systems | cellar cubicles | roller shutters | chain barriers Humidity range 90% at 0°C Ambient temperature -20°C to +55°C Opening cycles, battery set 70.000 Type of power supply emergency power via programming interface | battery MATERIAL Material shackle hardened steel STANDARDS Standard SSF014 V3 Class 4 | EN12320_2012 Grade 5 Directive IP65 ingress protection rating **ASSEMBLY**

Design features rated break point on outside thumb turn
Fixing hook into eyelet or hasp
Assembly special assembly tool required

INCLUDED COMPONENTS
Included components padlock, 2 CR2 lithium batteries, assembly manual,

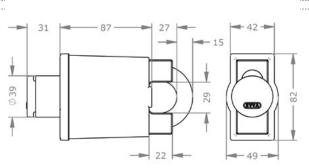
Important information

## E.X.HA.H848-4WP.(1)

(1)	PADLOCK SHACKLE
BDM15	Shackle diameter 15 mm
S27	Steel bracket 27 mm
S50	Steel shackle. Clearance 50 mm

## **XESAR PADLOCK ANCHOR LAS 850-5WP CLASS 5**





## SYSTEM PROPERTY

System specification client-server system | Xesar virtual network | mQTT

interface for third-party systems | smartphone as

access medium

System type electronic access systems | offline access systems |

combined locking systems

**FUNCTION** 

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Function event memory, last 1.000 events

Signals acoustic optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | cable

USE

Actuation freely rotating outside thumb turn prevents

tampering | lockable with access medium | engage

only with authorisation

Installation situation mesh gate | server cabinets | security fences | barrier

systems | cellar cubicles | roller shutters

Humidity range 90% at 0°C

Ambient temperature −20°C to +55°C

Opening cycles, battery set 70.000

Type of power supply emergency power via programming interface |

battery

MATERIAL

Material shackle hardened steel

.....

STANDARDS

Standard SSF014 V3 Class 4 | EN12320_2012 Grade 5

Directive IP65 ingress protection rating

ASSEMBLY

Design features rated break point on outside thumb turn

Fixing hook into eyelet or hasp

Assembly special assembly tool required

INCLUDED COMPONENTS

Included components padlock, 2 CR2 lithium batteries, assembly manual,

Important information

## E.X.HA.H850-5WP.(1)

(1)	PADLOCK SHACKLE
BDM15	Shackle diameter 15 mm
S27	Steel bracket 27 mm

## **XESAR PADLOCK**

## **VERSIONS**



## SHACKLE VARIANT/CLEARANCE HEIGHT

	Versions	S17 – Steel bracket 17 mm   S30 – Steel bracket 30 mm   N30 – NIRO bracket 30 mm   N40 – NIRO
		bracket 40 mm   N50 – NIRO bracket 50 mm   N60 – NIRO bracket 60 mm   N70 – NIRO bracket 70
,		mm   N80 – NIRO bracket 80 mm   N90 – NIRO bracket 90 mm   N100 – NIRO bracket 100 mm   N120
		- NIRO bracket 120 mm   N150 - NIRO bracket 150 mm   N180 - NIRO bracket 180 mm   N200 - NIRO
		bracket 200 mm
	Product code	S17   S30   N30   N40   N50   N60   N70   N80   N90   N100   N120   N150   N180   N200



Illustration



## **FINISHES**

Versions	NI – Nickel
Product code	NI



Illustration of nickel

## **XESAR PADLOCK**

## **OPTIONS**



## CHAIN ATTACHMENT

Product code

KB – Chain fastenings



Illustration



## SHACKLE PROTECTION

Product code

BS – Bracket protection



Illustration

## **XESAR PADLOCK**

## **ACCESSORIES**



### ASSEMBLY TOOL FOR THE XESAR CYLINDER

This special tool is required to assemble and disassemble the electronic thumb turn and to replace the batteries.

oduct code E.ZU.PZ.ZW.V1



Illustration of assembly tool for Xesar cylinder



### **ASSEMBLY TOOL SET 2 FOR XESAR CYLINDERS**

This special tool is required to assemble and disassemble the electronic thumb turn and to replace the batteries as well as specifically to assemble the padlock. It also features a locking pin to block the cylinder plug.

Product code

E.ZU.PZ.ZW.V2.



Assembly tool set 2 for Xesar cylinders



### **IP65 PADLOCK GASKET**

Product code

E.TE.HA.HA1



IP65 padlock gasket

# XESAR PADLOCK ACCESSORIES



#### **BATTERY REPLACEMENT SET**

5x battery replacement set incl. 10 seals (1x PZ9, 1xPZ7, 2x CR2, 1x E.TE.ALLG.ALLG1).

Product code

E.TE.PZ.PZ14



Symbol for battery replacement set



### **EMERGENCY POWER DEVICE**

If batteries have not been replaced in due time despite the warnings, you will require an emergency power device to provide the Xesar handles with power.

Product code

E.ZU.ALLG.NG3



Illustration of emergency power device



### PADLOCK CHAIN

for 8 mm shackle, Length 500 mm

Produktcode T.ALLG.BEFKE.HASIKE.BD08

for 11 mm shackle, Length 500 mm

Produktcode T.ALLG.BEFKE.HASIKE.BD11

for 15 mm shackle, Length 500 mm

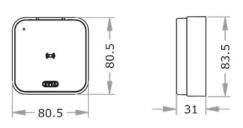
Produktcode T.ALLG.BEFKE.HASIKE.BD15



Illustration of Padlock chain

### **XESAR WALL READER SURFACE MOUNT FRAME**







#### SYSTEM PROPERTY

System type electronic access systems | Offline access systems |

combined locking systems

System specification Recording of access events | Office mode function |

Xesar virtual network

**FUNCTION** 

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Signals acoustic optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable

Actuation lockable with access medium

Design feature elegant design without compromise | timeless

Installation situation Turnstiles | Main entrance doors | Safety doors |

Connecting doors | Apartment entrance doors

Humidity range 90% at 0°C

Ambient temperature -25°C to +70°C

**STANDARDS** 

Directive CE approved | IP65 ingress protection rating

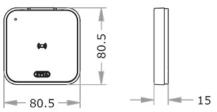
**INCLUDED COMPONENTS** 

Included components Wall reader, Surface mount frame, Screw Set, 2 fastening screws M5x40, Disassembly tool, Assembly manual, Important information

(1)	COLOUR
SI	Silver
SW	Black
WS	White
(2)	FRAME COLOUR
SWM	Black
SWP	Polished black
WSM	White
WSP	Polished white
SIM	Silver
SIP	Polished silver

### **XESAR WALL READER FLUSH FRAME**





#### SYSTEM PROPERTY

System type electronic access systems | Offline access systems |

combined locking systems

System specification Recording of access events | Office mode function |

Xesar virtual network

**FUNCTION** 

Media technology MIFARE DESFire EV1 | MIFARE DESFire EV2 | MIFARE

DESFire EV3

Signals acoustic optical

Encryption AES | encrypted data transfer

Interfaces Bluetooth BLE | Xesar cable

Actuation lockable with access medium

Design feature elegant design without compromise | timeless

Installation situation Turnstiles | Main entrance doors | Safety doors |

Connecting doors | Apartment entrance doors

Humidity range 90% at 0°C

Ambient temperature -25°C to +70°C

STANDARDS

Directive CE approved | IP65 ingress protection rating

INCLUDED COMPONENTS

Included components Wall reader, 2 wall seals, Screw Set, 2 fastening

screws M5x40, Disassembly tool, Assembly manual, Important information

)	COLOUR
SI	Silver
SW	Black
WS	White
2)	FRAME COLOUR
SWM	Black
SWP	Polished black
WSM	White
WSP	Polished white
SIM	Silver
SIP	Polished silver

# WALL READ

### **XESAR WALL READER CONTROL UNIT**



	SYSTEM PROPERTY
System type	electronic access systems   Offline access systems
	combined locking systems
System specification	Recording of access events   Office mode function
	Xesar virtual network
	VARIANT
Dimension	160 x 160 x 60
	FUNCTION
Function	Event memory, last 1,000 events
Encryption	AES   encrypted data transfer
Interfaces	Door contact   Door button   XWDLE
	USE
	lockable with access medium
Installation situation	Main entrance doors   Safety doors   Connecting
	doors   Apartment entrance doors
Humidity range	90% at 0°C
Ambient temperature	
Type of power supply	Mains adapter for control unit
Voltage range	SWDC12_24
	STANDARDS
Directive	CE approved   IP54 ingress protection rating
	INCLUDED COMPONENTS
Included components	Control unit, Assembly manual, Important
	information



inting errors. Subject to technical changes without notice

### **XESAR WALL READER ONLINE CONTROL UNIT** FOR WALL READER



System type	electronic access systems   Offline access systems
	combined locking systems   Online access systems
System specification	Recording of access events   Office mode function
	Xesar virtual network
	VARIANT
Dimension	160 x 160 x 60
	FUNCTION
Function	Event memory, last 1,000 events
Encryption	AES   encrypted data transfer
Interfaces	ETHADAP   XWDLE
	USE
Actuation	lockable with access medium
	Main entrance doors   Safety doors   Connecting
iristaliation situation	doors   Apartment entrance doors
Humidity range	90% at 0°C
	+10°C to +50°C
Ambient temperature	+10 C to +30 C
Type of power supply	Mains adapter for control unit
Voltage range	SWDC12_24
	STANDARDS
Directive	CE approved   IP54 ingress protection rating

INCLUDED COMPONENTS Included components Control unit, Ethernet adapter, Mains adapter for

> Ethernet adapter, Assembly manual, Important information

SYSTEM PROPERTY

E.X.WL.CU0

## **XESAR WALL READER**

### **VERSIONS**



### **GLASS COLOUR**

Versions	SW – black   SI – silver   WS – white
Product code	SW, SI, WS







Illustration of silver

Illustration of white



### FRAME COLOUR

Versions	SWM – matt black   SWP – polished black   WSM – matt white   WSP – polished white   SIM – matt
	silver   SIP – polished silver
Product code	SWM, SWP, WSM, WSP, SIM, SIP

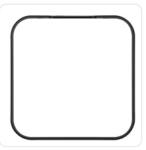








Illustration of matt black

Illustration of polished black

Illustration of matt white

Illustration of polished white





Illustration of matt silver

Illustration of polished silver

### **XESAR ACCESS MANAGEMENT, WINDOWS**



#### **XESAR SOFTWARE FEATURE**

User management software task-orientated user profiles | easy assignment to users | individual authorisation

Media and people management software up to 65,000 access media per installation | multiple access media can be assigned per user | identification media can be configured with time and access authorisation-based profiles (weekly calendar with max. 50 special days)  $\mid$  import public holiday calendar  $\mid$ media handover report | access media updated at coding stations or online wall readers | master key and temporary media possible

Access component software XLSZKAZU | battery warnings and access logs via ID media | up to 65,000 access components | XLSZK96T | blacklist: Blacklist -> List of blocked access media | DeleteKey: Blocked access media are deactivated upon attempting identification at the door | Manual Office Mode: manual office mode | Office mode: time-based office mode controlled by time profiles | Xesar virtual network: Distribution of blacklist

Authorisations software permanent access without time profile | manual office mode can be enabled per medium | periodic access with time profile | release duration can be set | expiry of authorisations can be set

Protocols & Events Software 1.000 events are logged | battery warnings | battery replacement | permanent opening (automatic | manual) | it is possible to disable the storage of personal access events | events are transferred from door to software using a tablet or the Xesar virtual network. | firmware update | storable events: Access granted (person | door | date | time) | features comprehensive filter, sorting and evaluation options | time change

Software interface pubSub (MQTT)

Data protection software storage duration can be set | storage of personal data can be deactivated

Languages software available languages: CS | EN | EN | ES | FR | IT | NL | PL | PT: | SK | SV

SYSTEM REQUIREMENTS FOR XESAR PC WORKSTATION

Operating system PC workstation Windows 10 Pro 64-bit version | Windows 11 Pro 64-bit version

Hardware PC workstation 1 × USB Host 2.0 | 4 GB free space for installation | screen resolution 1920 × 1080 | CPU: x86-64 compatible processor (CPU), minimum quad core ≥ 1.5-2.3 GHz | hard disk space: ≥ 60GB | Hardware support Windows Hyper-V hardware for virtualisation | internet to activate KeyCredits and licences | keyboard and mouse | RAM: ≥ 16 GB | WiFi

Browser PC location Chrome v100 | Firefox v91 | Microsoft Edge v100

**XESAR ADMIN-CLIENT SYSTEM REQUIREMENTS** 

Operating system Admin-Client Windows 10 Pro 64-bit version

Hardware Admin-Client 1 × USB Host 2.0 | 4 GB free space for installation | screen resolution 1920 × 1080 |

CPU: x86-64 compatible processor, 1–2 core 2.4 GHz or higher | hard disk space: ≥ 10GB | Hardware support Windows Hyper-V hardware for virtualisation | internet to activate KeyCredits and licences | keyboard and mouse | RAM: ≥ 8 GB

Browser Admin-Client Chrome v100 | Firefox v91 | Microsoft Edge v100

SYSTEM REQUIREMENTS XESAR CLIENT WITH CODING STATION

Hardware client with coding station 1 x USB Host 2.0 | screen resolution 1920 x 1080 | CPU: Dual core 2.4 GHz or higher | Hard disk space: ≥ 1 GB | Internet to activate KeyCredits and licences | keyboard and

mouse | RAM: ≥ 4 GB

Browser client with coding station Chrome v100 | Firefox v91 | Microsoft Edge v100

Operating system client with coding station Windows 10 Pro 64-bit | Windows 7 Pro 64-bit | Windows 8.1 Pro 64-bit

**XESAR SERVER SYSTEM REQUIREMENTS** 

Hardware server CPU: Quad core 1.5 GHz or higher | | hard disk space: ≥ 40GB | Hardware support

Windows Hyper-V hardware for virtualisation | RAM: ≥ 8 GB

Operating system server Hypervisor: Windows Server 2016/2019, VM-ware ESXi | Ubuntu server

## SOFTWAF

### **SOFTWARE**

### SYSTEM ACCESSORIES



#### **KEYCREDITS 10**

Create or change an identification medium with any number of access authorisations ten times.

Recommended use 1-9 persons

Few changes to authorisations

Product code E.ZU.LM.KC010





#### **KEYCREDITS 50**

Create or change an identification medium with any number of access authorisations fifty times.

Recommended use 1-9 persons

Frequent changes to authorisations

10-49 persons

Few changes to authorisations

Product code E.ZU.LM.KC050





#### **KEYCREDITS 100**

Create or change an identification medium with any number of access authorisations one hundred times.

Recommended use 10-49 persons

Frequent changes to authorisations

50-100 persons

Few changes to authorisations

Product code E.ZU.LM.KC100



# **SOFTWARE**SYSTEM ACCESSORIES



#### **KEYCREDIT XESAR LIFETIME**

Unlimited creation of and changes to identification media with any number of access authorisations over the entire service life of the installed software version.

Recommended use	Over 50 persons   Frequent changes to access authorisations
	Over 100 persons
Product code	F X 7U I M KC XIT



## OFTWAR

# **SOFTWARE**SYSTEM ACCESSORIES



Sample illustration

### **XESAR TABLET**

The Xesar tablet synchronises data. In this process, it exchanges authorisation, door status and event log information between doors and Xesar software. The Xesar tablet comes with the preinstalled Xesar tablet app.

### TECHNICAL INFORMATION

Operating system Android™

Interfaces Xesar tablet/door: Connection cable and BLE |
Xesar tablet/Xesar software: WiFi

Included components Xesar tablet | Preinstalled app | Xesar tablet
connection cable | Mains adapter

Product code E.X.ZU.TA.V3

## SOFTWARE

# **SOFTWARE**SYSTEM ACCESSORIES



#### **CODING STATION**

The coding station writes authorisations to Xesar identification media. The reading/writing process is contactless and carried out within a split second. The coding station is connected to the desktop PC using a USB port.

Only once the Admin Card has been inserted into the slot is it possible to start or quit the software or top up KeyCredits.

#### TECHNICAL INFORMATION

Dimensions	$115 \times 96.5 \times 25.5 \text{ mm}$
Power supply	Power supplied via USB (5 V)
Standards	ISO 7816 + EMV2 2000, level 1
Smart card transfers	420 kbits/s (if supported by media)
Conditions of use	Ambient temperature range: 0–55 °C
Colour	Dark grey
Included components	Coding station   Operating instructions   Xesar Admin Card not within scope of supply
Product code	E.ZU.CS.V1



### MINI-CODING STATION

The mini-coding station writes authorisations to Xesar identification media. The reading/writing process is contactless and carried out within a split second. Simply connect the mini-coding station to the PC via USB. Benefit from a solution which is ideal for multiple

### TECHNICAL INFORMATION

Dimensions	59 × 59 × 11.4.5 mm
Smart card transfers	848 kbit/s (if supported by media)
Conditions of use	Ambient temperature range: 0–70 °C
Colour	Dark grey
Included components	mini-coding station   Operating instructions
Product code	E.ZU.ALLG.CSMI

### **XESAR ADMIN CARD**



SYSTEM PROPERTY
for securing sensitive installation data
electronic access systems | combined locking
systems | offline access systems | online access
systems

FUNCTION

Media technology

USE

Actuation

Actuation

Actuation

Actuation

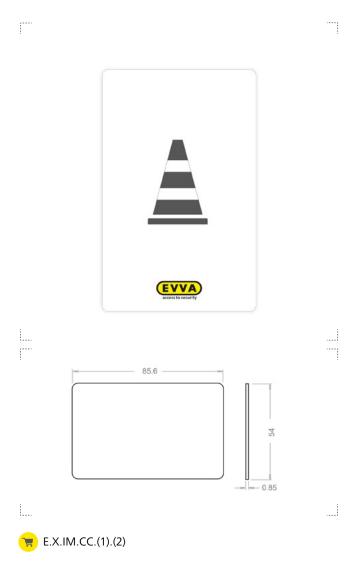
Actuation

System PROPERTY
for securing sensitive installation data
electronic access systems | combined locking
systems | online access
systems

FUNCTION

USE

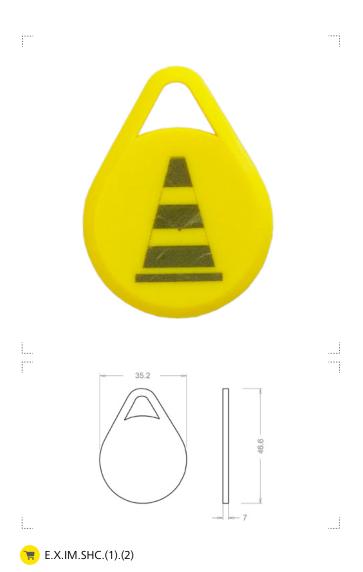
## **XESAR CONSTRUCTION CARD**



Quantity	VARIANT 5 pieces   25 pieces
System type	for operating EVVA access components in factory state   for operating EVVA access components in construction mode electronic access systems   offline access systems   online access systems
Media technology	FUNCTION MIFARE DESFire EV1

(1)		MEDIA STORAGE
	D04K	MIFARE® DESFire® 4 kB
(2)		QUANTITY
	M5	5 pieces
	M25	25 pieces
	M100	100 pieces

### **XESAR CONSTRUCTION KEY TAG**



|--|

for operating EVVA access components in factory state | for operating EVVA access components in construction mode

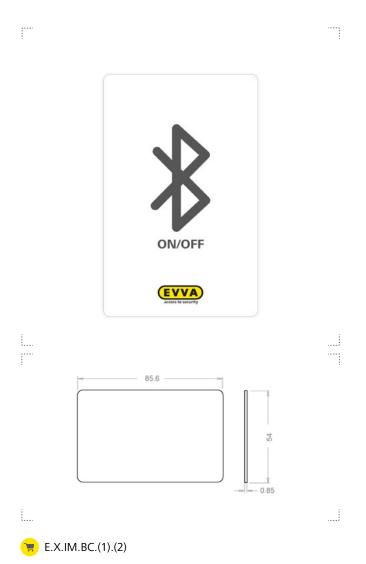
System type electronic access systems | offline access systems | online access systems

### **FUNCTION**

Media technology MIFARE DESFire EV1

(1)	MEDIA STORAGE
D04K	MIFARE® DESFire® 4 kB
(2)	QUANTITY
M5	5 pieces
M25	25 pieces

### **XESAR BLUETOOTH ON / OFF CARD**



SYSTEM PROPER
---------------

for controlling the Bluetooth transmission function

System type electronic access systems | offline access systems |
combined locking systems | online access systems

### **FUNCTION**

Media technology MIFARE DESFire EV1

MEDIA STORAGE
MIFARE® DESFire® 4 kB
QUANTITY
5 pieces
25 pieces

### **XESAR BLUETOOTH ON/OFF KEY TAG**



SYSTEM	<b>PROPERTY</b>
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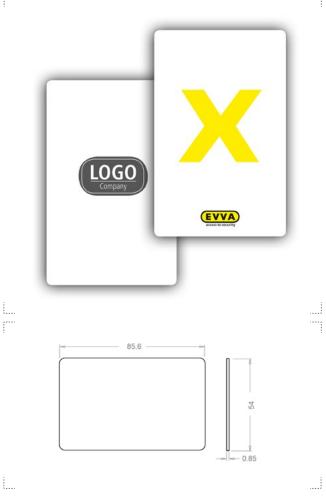
for controlling the Bluetooth transmission function System type electronic access systems | offline access systems | combined locking systems | online access systems

### FUNCTION

Media technology MIFARE DESFire EV1

(1)		MEDIA STORAGE
	D04K	MIFARE® DESFire® 4 kB
(2)		QUANTITY
	M5	5 pieces
	M25	25 pieces

## **XESAR CARD**



	SYSTEM PROPERTY
System type	for operating EVVA access components electronic access systems   offline access systems
, ,,	online access systems
Media technology	FUNCTION MIFARE DESFire EV1
	STANDARDS
Directive	IP67 ingress protection rating

E.X.IM.KA.(1).(2).(3)

(1)	MEDIA STORAGE
D04K	MIFARE® DESFire® 4 kB
(2)	QUANTITY
M5	5 pieces
M25	25 pieces
M100	100 pieces

### **XESAR KEY TAG**

EVVA

SYSTEM PROPERTY

for operating EVVA access components

System type electronic access systems | combined locking

systems | offline access systems | online access

systems

FUNCTION

Media technology MIFARE DESFire EV1

35.2

E.X.IM.SH.(1).(2).(3).(4)

(4) OPTION

TXT Customer-specific text

Blue BLGE Yellow GN Green RT Red Black SW White WS MEDIA STORAGE (2) D04K MIFARE® DESFire® 4 kB QUANTITY (3) M5 5 pieces 25 pieces M25 M100 100 pieces

COLOUR

(1)

### **XESAR MINI-TAG**



OPTION

Customer-specific text

TXT

**SYSTEM PROPERTY** for operating EVVA access components System type electronic access systems | offline access systems | combined locking systems | online access systems

### **FUNCTION**

Media technology MIFARE DESFire EV1

#### USE

Ambient temperature -25 °C bis +85 °C

E.X.IM.CSH.(1).(2).(3).(4)

(1)	COLOUR
BL	Blue
RT	Red
SW	Black
(2)	MEDIA STORAGE
D04K	MIFARE® DESFire® 4 kB
(3)	QUANTITY
M5	5 pieces

### **4KS XESAR COMBI KEY**



	SYSTEM PROPERTY
	for locking EVVA cylinders   for operating EVVA
	access components
System type	electronic access systems   combined locking
	systems   offline access systems   mechanical locking
	systems   individual lockings
	FUNCTION
Media technology	MIFARE DESFire EV1
	USE
Ambient temperature	−25 °C bis +85 °C
	OPTION
Labelling option	Customer-specific text

i		
F	M.4KS.SL.SL-X.(1).(2)	

(1)		COLOUR	(2)		OPTION
	BL	Blue	1	TXT	Customer-specific text
	GE	Yellow			······································
	GN	Green			
	RT	Red			
	SW	Black			
	WS	White			

www.evva.com