


YOUR EXPERT FOR INNOVATIVE
KEY MANAGEMENT

PRODUCT CATALOGUE 2022

Property Access & Orientation | Depot & Safekeeping
Organisation & Administration



KRUSE

Wenn's drauf ankommt



WHEN IT REALLY MATTERS

Whether it's quick access to the property, secure storage or reliable organisation of keys – when it comes to maximum security, there is no room for compromise. Innovative key management is our promise to our customers and means offering the best technical solutions for every application, excellent manufacturing quality and 100% reliable service. Take us at our word.

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INTRO



We live in turbulent times. Digitalisation is advancing rapidly. Innovation cycles are becoming shorter and shorter. New market requirements are emerging in the field of safety technology, too.

At the same time, the situation on the world markets is tense, with the shortage of raw materials and the resulting pressure on prices and supply chains placing equal demands on all market participants.

As a long-standing market leader for first-class products in the field of administration, storage and access control based on innovative key systems, dynamic development is part and parcel of our business.

This also means that in this challenging environment, we are doing everything we can to continue to guarantee you – our customers – product quality, delivery reliability and service readiness at the high level that is customary for KRUSE.

And as your reliable partner, we are well prepared for the future, too: last year we expanded our production and office space by approximately 1,000 m², and we continue to invest significantly in product innovations.

In short, when it comes to the optimum protection of keys, properties and objects, play it safe with our key safes, depots and management systems – both now and in the future.

Your Philipp Kruse





EXPERIENCE MAKES THE DIFFERENCE



DEVELOPMENT & INNOVATION

For several decades, we have been the go-to expert for sophisticated solutions with the highest technical standards in the field of key management for customers all over Germany. As an experienced development partner, we fulfil individual customer requirements and create safety-relevant added value with products that have proven their worth in practice. The needs-based development of innovative series products and design of customised solutions are strengths that have earned us a leading position in the market.

MANUFACTURING & QUALITY CONTROL

The manufacture of a KRUSE product means manual work “Made in Germany”. All products are manufactured by trained employees using the most modern tools and are tested for perfect function before delivery. Because when it comes to your safety, we make no compromises. Maximum flexibility in production, product ranges in small series, a high number of variants or individual solutions – KRUSE has the solution you need.



SERVICE & AFTERSALES SUPPORT

A professional, reliable service and a strong partnership with our customers are typical of KRUSE – as is the claim to meet the high expectations of our customers 100%. A system is ordered – we know the requirements of the authorities. All approvals are processed quickly and reliably online. Normally, the shipment is made within 24 hours. We process any complaints quickly and easily. Good for our customers is the fact that our field service is available across Germany for any need.

SOLUTIONS FOR EVERY NEED

OUR INDUSTRY EXPERTISE

Our core expertise, for which we have a well-earned reputation, includes the design, manufacture and optimisation of fire brigade key depots as well as the management of fire brigade locks.

More than 2,000 fire brigade locks from KRUSE are in use throughout Germany and offer our numerous satisfied customers maximum safety where it really matters.

In addition to property access and orientation, many companies today place new and high demands on the storage, organisation and administration of keys, especially against the background of complex processes.

KRUSE offers solutions for these requirements, which are successfully used by customers such as security companies, security and locking services, maintenance and repair companies, waste disposal companies, nursing services and caretaker services, in hotels or in facility management.

Simple, fast access to buildings or easy-to-understand, efficient key management which takes all eventualities into account – customers with high requirements who are not prepared to compromise can rely on KRUSE.



Fire Brigade



Police



Security Services



Safety Engineering
Installers



Disposal Companies



Care Services



Car Dealerships



Administrative
Locations



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PROPERTY ACCESS AND ORIENTATION

WHEN EVERY SECOND COUNTS.

The standard – powered by KRUSE: our Fire Brigade and Emergency KeyDepots. In the event of an alarm, they guarantee that emergency services have fast and non-violent access to property, ensuring smooth interventions. In addition, our fire brigade accessories provide clear orientation and fast procedures at the scene. Fire brigade locks can be found in everything that emergency services have to open and operate during their operations (e.g. KeyDepots and bollards). It is certainly no coincidence that KRUSE today manages more than 2,000 fire brigade locks.

INNOVATIVE SOLUTIONS FOR:

FIRE BRIGADES | EMERGENCY PERSONNEL | FIRE ALARM SYSTEM MANUFACTURERS

SAFETY ENGINEERING INSTALLERS | PROPERTY OPERATORS | ARCHITECTS | PLANNERS





KRUSE Fire Brigade KeyDepot (FSD) basic

- Proven KRUSE original
- Modular construction
- Numerous mounting options

DIN
ACCORDING TO
DIN 14675

VdS
APPROVED
FSD CLASS 3



- | | | |
|--|---|--|
| 1. Property key monitoring (OSÜ) | 6. Inner door for regional fire brigade lock | 10. Fixing screws for cover frames |
| 2. Integrated LED depot illumination | 7. KRUSE VdS-certified conversion lock (optional) | 11. All-round sabotage protection (optional) |
| 3. Door opener with feedback contact | 8. Catch locking of the outer door | 12. Mounting flange |
| 4. Property key status display | 9. Drilling protection board with heating | |
| 5. Outside door monitoring (microswitch) | | |

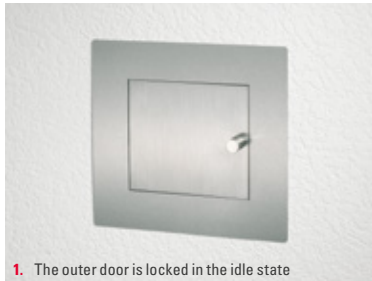
MEETING ALL REQUIREMENTS:

- Meets the requirement for fast and non-violent access to property for the fire brigade
- Relieves the operator of a fire alarm system from the obligation to provide round-the-clock access in the event of an alarm
- Enables the fire brigade to intervene quickly, whether it is an actual fire or a false alarm
- Protects against tampering by monitoring contacts and reporting a sabotage alarm
- Provides insurance cover for the deposited object keys through VdS-certified quality



Please also contact us for special solutions. Our trained employees can then work out the best solution together with you.

THE KRUSE FIRE BRIGADE KEYDEPOT WORKS AS SIMPLE AS THIS



1. The outer door is locked in the idle state



2. The electric strike is only released in the event of an alarm



3. Mechanical opening of the inner door by the fire brigade

Many mounting options:

- Modular all-round sabotage protection for installation in lightweight façades and hollow columns
- Numerous aids for VdS-compliant installation in special locations
- Numerous equipment and monitoring options according to the requirements of the operator and fire brigade
- Large scope of delivery, e.g. mounting material, cover frame, connecting cable and KeySeals
- We check every order and deliver the products always according to the requirements of the regional fire brigade

LOCK SERVICE

We reliably handle all locks for the Fire Brigade KeyDepot or other KRUSE products.



KRUSE Fire Brigade KeyDepot (FSD) flex-L

- CAPACITY: Interior for up to six key monitoring systems (OSÜ)
- INTERIOR: The available depth can be increased with a few simple steps
- OPTIONAL: Card monitoring module RFID for up to three cards
- MODULAR: Quick retrofitting of monitoring options



2 key monitoring units as standard



Extension up to 6 key monitoring units



Removal of the inner sheet without tools. Quick exchange or installation of extensions.



The position of the inner sheet can be changed to increase the available depth.

KRUSE FSD basic

Proven original with cutting-edge technology – for up to 3 object keys

Item no.	Item	Description
500001K	KRUSE FB KeyDepot (FSD) basic	Rigid key monitoring, with KRUSE VdS conversion lock.
500001PZ	KRUSE FB KeyDepot (FSD) basic	Rigid key monitoring unit, prepared for profile cylinder.
500006K	KRUSE FB KeyDepot (FSD) basic	Rigid key monitoring unit, with all-round sabotage protection and conversion lock.
500006PZ	KRUSE FB KeyDepot (FSD) basic	Rigid key monitoring unit, with all-round sabotage protection, prepared for PZ.



KRUSE FSD flex-L

Large interior and numerous options – for up to 6 object keys

Item no.	Item	Description
600000K	KRUSE FB KeyDepot (FSD) flex-L	With KRUSE VdS conversion lock.
600000PZ	KRUSE FB KeyDepot (FSD) flex-L	Prepared for profile cylinder.
600005K	KRUSE FB KeyDepot (FSD) flex-L	With all-round sabotage protection and KRUSE conversion lock.
600005PZ	KRUSE FB KeyDepot (FSD) flex-L	With all-round sabotage protection, prepared for PZ.



RFID card monitoring for FSD flex-L



3x OSÜ for FSD basic



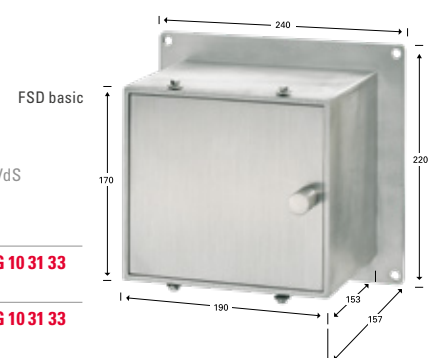
6x OSÜ für FSD flex-L

DIMENSIONS FSD BASIC

Technical data

Item	Dimensions (mm)			Weight (kg)	Material	Thickness (mm)	Voltage (V)	VdS
	Width*	Height*	Depth					
KRUSE FB KeyDepot (FSD) basic	190	170	157	12.00	Stainless steel (1.4301)	5	12/24	G 10 31 33
KRUSE FB KeyDepot (FSD) basic, with all-round sabotage protection	216	195	166	13.00	Stainless steel (1.4301)	5	12/24	G 10 31 33
KRUSE FB KeyDepot (FSD) flex-L	190	190	169	13.00	Stainless steel (1.4301)	5	12/24	G 10 80 27
KRUSE FB KeyDepot (FSD) flex-L, with all-round sabotage protection	200	200	178	15.00	Stainless steel (1.4301)	5	12/24	G 10 80 27

* Case dimensions without flange



QUICK ASSEMBLY



LARGE SCOPE OF DELIVERY

Accessories for KRUSE FSD

Release elements (FSE)

For manual release of the FAS in case of operation

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material	VdS
			Width	Height	Depth			
503001	Release element (FSE) type PZ	Prepared for profile cylinder.	80	80	80	1.20	Cast aluminium	G 19 90 83
503010M	Release element (FSE) type KRUSE	With KRUSE special cylinder.	38	38	110	1.20	Stainless steel (1.4301)	G 19 20 34



Accessories for FSE

Item no.	Item	Description	Dimensions (mm)			Diameter (mm)	Weight (kg)	Material
			Width	Height	Depth			
532027F	Vandalism Rosette FW	Protection for release element type KRUSE.	-			90	0.60	Nickel-plated brass
535546	Vandalism protection FSE-PZ	Protection for release element type PZ.	70	70	12	-	0.36	Nickel-plated brass
532029	Magnetic key	For unlocking.						
503040	Flush mounted housing for FSE type KRUSE/PZ	For FSE mounting in cavity walls.	122	145	150	-	1.60	Stainless steel (1.4301)
503048	Flush mounted housing for FSE type KRUSE/PZ	For surface mounting of the FSE.	135	180	137	-	1.50	Stainless steel (1.4301)



Light sources

For KeyDepot location signalling

Item no.	Item	Description	Dimensions (mm)		
			Width	Height	Depth
0060xx	Flashing light for Stainless Steel Column K1 - K10	LED in IP67, different colour schemes.	77	50	77
006025	Wall bracket for flashing light	For mounting the flashing light.	85	90	85
502021	FB orientation light	For easy wall mounting.	150	50	50



KeyDepot adapter

Creates the connection between the KeyDepot and the FAS

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material	Voltage (V)	VdS
			Width	Height	Depth				
501001	Adapter SDA 4	Establishes the connection between KeyDepot and FAS.	150	180	45	1.00	Sheet steel	12/24	G 10 00 45
501002	Adapter SDA 3000	Establishes the connection between KeyDepot and FAS.	150	180	45	1.00	Sheet steel	12/24	G 10 60 03
502000	Parallel display (adapter)	Indicates the operating status of the adapter in outdoor areas.	38	38	80	0.35	Stainless steel (1.4301)		



Accessories for KRUSE FSD

Key monitoring

Monitoring options for KeyDepots

Item no.	Item	Description
105100	Key monitoring for FSD basic/flex-L	Extension x1, factory fitted.
500350	Key monitoring for FSD basic/flex-L	Retrofit kit x1, for self-installation.
500351	Key monitoring x4 for FSD basic	Retrofit kit for self-installation.
105153	External key monitoring x1	Fitted at the factory.
500358	External key monitoring x1	Retrofit kit for self-installation.
600320	Module - Card monitoring RFID for FSD flex-L	Factory fitted, incl. 1 card monitoring and 2 key monitoring units.
600325	Card monitoring for FSD flex-L	Extension x1, factory fitted.



Connection cable

Various lengths mounted in the factory

Item no.	Item	Description
021545-20	Connection cable 20 m	Factory assembled for all KRUSE FSDs.
021545-30	Connection cable 30 m	Factory assembled for all KRUSE FSDs.
021545-40	Connection cable 40 m	Factory assembled for all KRUSE FSDs.
021545-50	Connection cable 50 m	Factory assembled for all KRUSE FSDs.



Cover frame

For concealing the wall joint

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material
			Width	Height	Depth		
500251	Rain protection for FSD basic	Cover frame with rain protection.	290	270	70	0.75	Stainless steel (1.4301)
600251	Rain protection for FSD flex-L	Cover frame with rain protection.	290	290	70	0.90	Stainless steel (1.4301)
500270	Combination frame for FSD basic	Combination cover frame for FSD basic and FSE.	290	390	2	1.00	Stainless steel (1.4301)
500275	Combination rain protection for FSD basic	Combination cover frame with rain protection for FSD basic and FSE.	290	390	70	1.80	Stainless steel (1.4301)
500272	Combination cover frame OL* for FSD basic	Combination cover frame for FSD basic, FSE and OL*.	290	511	2	1.30	Stainless steel (1.4301)
500277	Combination rain protection OL* for FSD basic	Combination cover frame with rain protection for FSD basic, FSE and OL*.	290	507	70	2.00	Stainless steel (1.4301)
600270	Combination cover frame for FSD flex-L	Combination cover frame for FSD maxi and FSE.	290	410	2	1.00	Stainless steel (1.4301)
600275	Combination rain protection for FSD flex-L	Combination cover frame with rain protection for FSD maxi and FSE.	290	410	70	1.80	Stainless steel (1.4301)

* Orientation light



Accessories for KRUSE FSD

Heating power supplies

For separate supply of the FSD heater

Item no.	Item	Description
500300	Power supply for FSD heater	For separate power supply.
500310	DIN rail power supply for FSD heater	For separate power supply.



Wall frames

Assembly aid and placeholder in the carcass phase

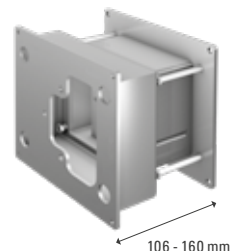
Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material
			Width	Height	Depth		
500281	Wall frame for FSD basic	Placeholder in shell construction phase.	250	230	198	2.90	Sheet steel
600281	Wall frame for FSD flex-L	Placeholder in shell construction phase.	247	247	179	2.60	Sheet steel
500283	Additional frame for FSE (KRUSE/PZ)	Extension of masonry frame FSD, for combination cover frame.	160	125	170	0.90	Sheet steel



Cavity wall adapter

Assembly extension for thermally insulated façades

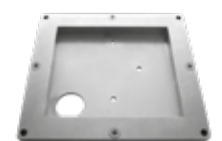
Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material
			Width	Height	Depth		
500284	Cavity wall adapter for FSD basic	Extension for curtain/heat insulation façades.	240	220	106 - 160	7.00	Stainless steel (1.4301)
600288	Cavity wall adapter for FSD flex-L	Extension for curtain/heat insulation façades.	240	240	100 - 160	9.00	Stainless steel (1.4301)
044011	Socket wrench for cavity wall adapter	Special wrench as assembly aid.					



Depth flange

Depth compensation for thermally insulated façades

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material
			Width	Height	Depth		
105163	Depth flange for FSD basic	Compensation for curtain/heat insulation façades.	240	220	3	0.55	Stainless steel (1.4301)
105169	Depth flange for FSD basic	Compensation for curtain/heat insulation façades.	240	220	4	0.70	Stainless steel (1.4301)
105172	Depth flange for FSD basic	Compensation for curtain/heat insulation façades.	240	220	6	1.00	Stainless steel (1.4301)
106064	Depth flange for FSD flex-L	Compensation for curtain/heat insulation façades.	240	240	3	0.55	Stainless steel (1.4301)
106066	Depth flange for FSD flex-L	Compensation for curtain/heat insulation façades.	240	240	4	0.70	Stainless steel (1.4301)
106067	Depth flange for FSD flex-L	Compensation for curtain/heat insulation façades.	240	240	6	1.00	Stainless steel (1.4301)



KRUSE Emergency KeyDepot (ESD)

- Flexible object access in case of alarm
- Quick intervention without key insertion
- Safe principle of unique code allocation
- Constant monitoring of keys and depot



1. Drilling protection board with heating
2. All-round sabotage protection
3. Door opener with feedback contact
4. Code keyboard with control board



Thanks to the integrated algorithm, the lock works completely independently of the software, which makes the system very convenient to operate and administer.

FOR MOBILE CODE GENERATION: THE "KRUSE ESD ONE-TIME CODE" APP

- Intuitive code generation for authorised personnel
- Quick orientation through depot location display
- Central storage of all activities in the log



Dialogue between control centre and emergency services

In the event of an alarm, a one-time code generated by the control centre is communicated to the emergency services on site. No keys need to be kept or supplied.

Intuitively operated software

The web application can be accessed by an authorised person via a secure connection and runs on all current browsers. In just a few steps the depot is found and a one-time code is generated.



On-site emergency team

After the outer door has been unlocked by a hazard alarm system, the emergency team can open the inner door with the one-time code. This gives them access to the object key and allows fast and non-violent access to the building.

The depot thinks with you

The lock has saved the algorithm and opens the inner door only if the entry is authorised. The alarm can only be reset when the object key is back in the depot and the doors are locked.

Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material	Thickness (mm)	Voltage (V)	VdS
			Width	Height	Depth					
600110	KRUSE Emergency KeyDepot (ESD)	With code keyboard on the inner door, for connection to a hazard alarm system.	231	245	161	17.00	Stainless steel (1.4301)	5	12/24	G 11 1027

Accessories for Insert KeyDepot (ESD)

Item no.	Item	Description
501001	Adapter SDA 4	Establishes the connection between key deposit and hazard alarm system.
490011	ESD web application	Code generation via PC/smartphone/tablet.



Free-standing mounting option: The ESD can also be integrated into the stainless steel columns K1 - K5 (see page 19).

AESTHETIC APPEARANCE AND EASY ASSEMBLY

KRUSE columns are equipped for all structural requirements. They are ideal for floor and wall mounting, are extremely compact and offer maximum functionality. In short, KRUSE FSD columns are real all-rounders! Good to know: For special requirements, we recommend our special columns designed according to customer specifications.



KRUSE Stainless Steel Column K1, K5 and K6



K5

- Many options
- Quick assembly
- Also suitable for FSD flex-L
- Special solutions with VdS approval on request

With rain protection,
flashing light and base

With letter box



For free-standing
installation of FSD
basic/FSD flex-L and FSE
in difficult installation
conditions

K6: the little brother of K5

New compact hollow column with slim appearance and low space requirements.

Monolithic design with closed lid. The slight inclination promotes the drainage of condensed water.

More options

Combine different equipment options, e.g. letter box, flashing light and rain protection.

Easy assembly

When using the KRUSE FSD with all-round sabotage protection, no concrete is required inside the column!

FREE-STANDING INSTALLATION:

- VdS- and DIN-compliant installation with maximum location flexibility, independent of building and wall properties
- As hollow column to accommodate the key depot with all-round sabotage protection or alternatively to be filled with concrete
- Made of ground stainless steel, the Stainless Steel Columns blend harmoniously into any environment
- Simple, time-saving assembly and modular flexibility are the hallmarks of our stainless steel columns



QUICK ASSEMBLY



LARGE SCOPE OF DELIVERY

KRUSE Stainless Steel Column K5-Flex and K8-FIZ

- Individualisation via adapter plates
- Time-saving alternative to custom-made products
- VdS recognition on request

A dummy plate for individual adaptation is included in the scope of delivery.



This dummy plate is included in the scope of delivery.

Only for K8-FIZ:

- Fire Brigade Information Centre at the place of action
- Octagonal hollow column for numerous installations
- Massive protection through outer door

K5-Flex, here with Behnke call station



K8-FIZ

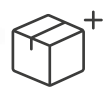
You can find more FIZ solutions on page 34

DIN
ACCORDING TO
DIN 14675

VdS
OPTIONAL



QUICK ASSEMBLY



LARGE SCOPE OF DELIVERY

MORE POSSIBILITIES AS STANDARD:

K5-Flex

- For integration of key depots, release elements and letter boxes as well as individual installation option (e.g. intercom station)
- Adapter plate according to customer requirements or machining of the dummy plate supplied
- Fast delivery, proven quick installation and extensive K1 - K5 accessories

K8-FIZ

- For integration of FSD, FSE, FAT, FBF, push-button detector and approx. 100 route cards (A4)
- Outer door prepared for two half profile cylinders (for fire brigade and operator locking)
- Standard interior lighting and incl. air-conditioning package (factory fitted) and route card box

KRUSE Stainless Steel Column K1 - K5

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	VdS
			Width	Height	Depth		
520020	KRUSE Stainless Steel Column K1	Column (VdS) for pouring.	350	1,295	237	32.00	G 10 31 35
520021	KRUSE Stainless Steel Column K1	Hollow column (DIN) with lid monitoring.	350	1,295	237	32.00	
520035	KRUSE Stainless Steel Column K5	Hollow column (VdS) with lid monitoring.	350	1,295	237	44.00	G 11 00 18



KRUSE Stainless Steel Column K6

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	VdS
			Width	Height	Depth		
520055	KRUSE Stainless Steel Column K6 (FSD basic)	Compact hollow column (VdS) in monolithic optics.	260	1,050	200	30.00	G 11 70 51
520056	KRUSE Stainless Steel Column K6 (FSD flex-L)	Compact hollow column (VdS) in monolithic optics.	260	1,050	200	30.00	G 11 70 51



KRUSE Stainless Steel Column K5-Flex

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	VdS
			Width	Height	Depth		
520135	KRUSE Stainless Steel Column K5-Flex	XXL hollow column with cover monitoring, with adapter plate holder for special installations.	350	1,750	237	58.00	optional

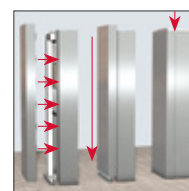
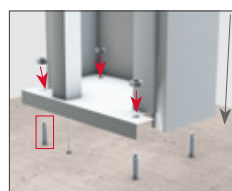
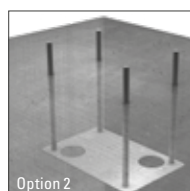
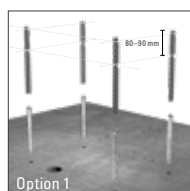


KRUSE Stainless Steel Column K8-FIZ

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
520065	KRUSE Stainless Steel Column K8-FIZ	Hollow column (DIN) with outer door, to accommodate FSD, FSE, FAT, FBF and fire brigade route cards.	300	1,800	300	74.00



KRUSE STAINLESS STEEL COLUMNS K1 - K5 QUICK INSTALLATION



Workflow

1. Mounting by means of chemical anchors (included in the accessory pack) or anchor plate (optional)
2. Place and fasten the column on the threads and carry out connection work
3. Hang the rear panel, secure with screws and put on the cover

Information

- If you order a hollow column, all installation components will be pre-assembled in the column.
- The column is fixed by grouting using reinforcing rods embedded in the foundation.

Accessories for **Stainless Steel Column K1 - K8**

Flashing light

Item no.	Item	Description	Dimensions (mm)			Voltage (V)
			Width	Height	Depth	
0060xx	Flashing light for Stainless Steel Column K1 - K10	LED in IP67, different colour schemes.	74	45	74	12/24
520202	Vandalism protection for flashing light	Steel basket to protect the flashing light.	105	88	105	-



Orientation light

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
502020	FB orientation light	For mounting in Stainless Steel Columns.	150	50	50	0.49



Mailbox

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
520026	Letter box K1 - K5	A4 format, factory mounted in column.	270	400	140	2.40



Flat lid

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
520205	Flat lid K1	As an alternative to the standard lid.	355	32	245	2.10
520206	Flat lid K5	As an alternative to the standard lid.	358	32	248	4.00



Chemical anchors*

Item no.	Item	Description
520100	Chemical anchors K1 - K8	As spare part (VPE: 4 pcs).

* Included in the column scope of delivery.



Anchor plates

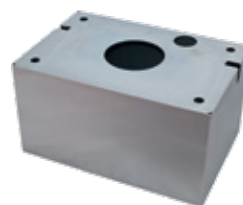
Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
520400	Anchor plate for Stainless Steel Column K1 - K5	Installation aid for insertion into the foundation.	335	300	215	1.50
520405	Anchor plate for Stainless Steel Column K6	Installation aid for recessing into the foundation.	245	300	180	1.70
520470	Anchor plate for Stainless Steel Column K8-FIZ	Installation aid for insertion into the foundation.	310	310	320	12.00



Accessories for **Stainless Steel Column K1 - K8**

Socket

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
520450	Base for Stainless Steel Column K1	Height compensation for fastening during ground work.	330	150	216	5.30
520460	Base for Stainless Steel Column K5	Height compensation for fastening during ground work.	330	150	216	6.10

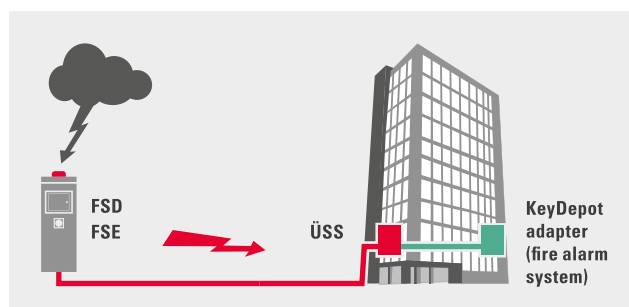


Overvoltage protection distributor

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	VdS
			Width	Height	Depth		
520700	Overvoltage protection distributor K1 - K8 ÜSS	Incl. all arresters for FSD, FSE and strobe.	200	230	115	2.20	G 11 50 61

**Recommendation of usage:**

- In accordance with the lightning protection concept of VdS guideline 2833 ("safety measures against overvoltage for the hazard detection system")
- For standing Stainless Steel Columns with a distance more than half of the building's height
- For standing Stainless Steel Columns close to traps like metal fences



Pre-assembly*

Item no.	Service	Description
520050	Pre-assembly Stainless Steel Column K1	Factory assembly of FSD and FSE in column.

*For hollow columns K1/K5 included in delivery.



Rain protection K6, adapter plate K5-Flex

Item no.	Item	Description	Dimensions (mm)	
			Width	Height
520250	Adapter plate K5-Flex	For customer-specific installations.	300	300
500260	Rain protection basic for column K6	Cover frame with rain protection.	234	240
500260F	Rain protection flex-L for column K6	Cover frame with rain protection.	234	240



Example pictures. Manufactured according to customer requirements



Cleaning and maintenance set

Item no.	Item	Description
520600	Stainless steel cleaning and care set	For cleaning and care of KRUSE products.



KRUSE WallColumn K9 and K10

- For FSD with all-round sabotage protection
- Adapter plates for quick mounting on concrete/masonry
- No foundation work required



QUICK ASSEMBLY



LARGE SCOPE OF DELIVERY



K9

Hollow columns for surface wall mounting of FSD basic and FSE



NEW:
Now with adapter plate for flashing light

K10

TWO ALTERNATIVES TO THE STAND COLUMN:

WallColumn K9

- Compact design in space-saving dimensions
- Mounting by means of drilling template and mounting plate

WallColumn K10

- Full VdS recognition – no individual approval required
- Mounting material for fixing on reinforced concrete included in the accessory pack
- Mortar cartridge (item no. 520150) optional for mounting on masonry



Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	VdS
			Width	Height	Depth		
520080	KRUSE WallColumn K9	Compact hollow column for surface wall mounting.	245	505	167	5.20	
520090	KRUSE WallColumn K10 (FSD basic)	Hollow column (VdS) for surface wall mounting.	265	1120	170	25.00	G 11 50 07
520091	KRUSE WallColumn K10 (FSD flex-L)	Hollow column (VdS) for surface wall mounting.	265	1120	170	25.00	G 11 50 07

Accessories for WallColumn K9 and K10

Rain protection

Item no.	Item	Description	Dimensions (mm)		
			Width	Height	Depth
500259	Rain protection for WallColumn K10	Cover frame with rain protection.	235	240	50



Mortar cartridge

Item no.	Item	Description
520150	Mortar cartridge for WallColumn K10	For mounting on brickwork and brick/limestone walls.



Flashing light

Item no.	Item	Description	Dimensions (mm)		
			Width	Height	Depth
0060xx	Flashing light for Stainless Steel Column K1 - K10	LED in IP67, different colour schemes.	77	50	77



Wall bracket for flashing light

Item no.	Item	Description	Dimensions (mm)		
			Width	Height	Depth
006025	Wall bracket for flashing light	For mounting the flashing light.	85	90	85



Orientation light

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
502020	FB orientation light	For mounting in Stainless Steel Columns.	150	50	50	0.49



Cleaning and maintenance set

Item no.	Item	Description
520600	Stainless steel cleaning and care set	For the cleaning and care of KRUSE products.



KRUSE Special Columns

- Columns for all requirements
- Dimensions, function and appearance according to your wishes

For example:

- Intercom station
- Camera monitoring
- Letter boxes
- KeySafes
- Special dimensions
- Customer logo
- RAL coating
- Monolithic design

Individually equipped columns
type K1, K5-Flex and K8-FIZ

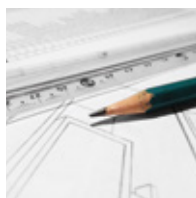


K9

OUR SERVICES



+



+



=



1. Consulting, technical clarification and concept design
2. Construction and drawing preparation according to customer requirements
3. Obtaining a VdS special approval as required
4. Production and delivery of your customised column

KRUSE KeyDepot K3/K5

- FSD class 1 for the storage of object keys
- For individual keys of gate systems, barriers, etc.
- Optional with door monitoring contact

For free-standing installation, see also UniversalColumn on page 51



KRUSE KeyDepot K3
Wall thickness: 3 mm



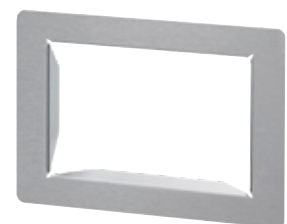
KRUSE KeyDepot K5
Wall thickness: 5 mm

Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material	Thickness (mm)
			Width	Height	Depth			
510000	KRUSE KeyDepot K5	With KRUSE VdS conversion lock.	150	90	90	2.80	Stainless steel (1.4301)	5
510002	KRUSE KeyDepot K5	Prepared for profile cylinder, with case lock.	150	90	90	2.80	Stainless steel (1.4301)	5
510100	KRUSE KeyDepot K3	With KRUSE VdS conversion lock.	125	80	75	1.00	Stainless steel (1.4301)	3
510102	KRUSE KeyDepot K3	Designed for round cylinders (Ikön SL 320).	125	80	75	1.00	Stainless steel (1.4301)	3
510105	KRUSE KeyDepot K3	Prepared for profile cylinder.	125	80	75	1.00	Stainless steel (1.4301)	3
510106	KRUSE KeyDepot K3	Prepared for profile cylinder, with case lock.	125	80	75	1.00	Stainless steel (1.4301)	3

Accessories for Key Depot K3/K5

Item no.	Item	Description	Dimensions (mm)		
			Width	Height	Depth
510300	Cover frame for SD K5	Covering the wall joint for flush mounting.	205	114	20
510301	Cover frame for SD K3	Covering the wall joint for flush mounting.	168	120	20
510302	Base plate for SD K3	For flush mounting.	155	105	2
510310	Door monitoring contact for SD K5	For monitoring the lock status.			
510311	Door monitoring contact for SD K3	For monitoring the lock status.			



Cover frame



Door monitoring contact

INTELLIGENT TECHNOLOGY RELEASES THE RIGHT KEYS

KRUSE Fire Brigade KeyCabinets allow the safest access to large inventories of keys. Simple, intuitive and proven a thousand times over – this is exactly how state-of-the-art key issuance for fire brigade services must function today. The relevant keys are automatically activated and released via the triggered reporting zone of the BMZ*.

* BMZ = Fire Alarm Control Panel (FACP)



KRUSE Fire Brigade KeyCabinet (FSS)

- Ideal for shopping centres
- Three housing sizes up to 60 keys
- Prepared for regional fire brigade lock
- Extension by additional housing possible

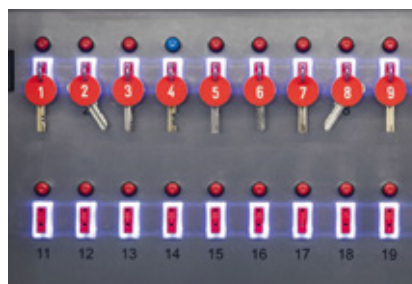
Intuitive and needs-based key issuance for interior spaces



THREE STEPS TO SECURE KEY RETRIEVAL



In case of an alarm, the fire alarm system releases the electric strike and the fire brigade can unlock the outer door.



One or more keys of the triggered fire line are displayed by LEDs.



By pressing the respective key, keys are released for retrieval.

Housing options

KRUSE Fire Brigade KeyCabinet (FSS)

NEW:
Overhauled housing –
improved design
and higher capacity

40-slot housing



60-slot housing



20-slot housing



**EACH AVAILABLE IN
2 VARIANTS**

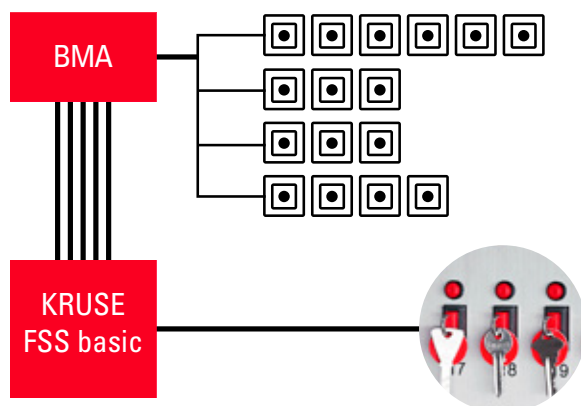
FSS – basic version

- Control via potential-free contacts
- Accessory modules FOR ADDITIONAL FUNCTIONS

FSS – Version plus

- Serial control via fire brigade display panel or FAS
- Including completeness check for all slots
- Incl. power supply monitoring

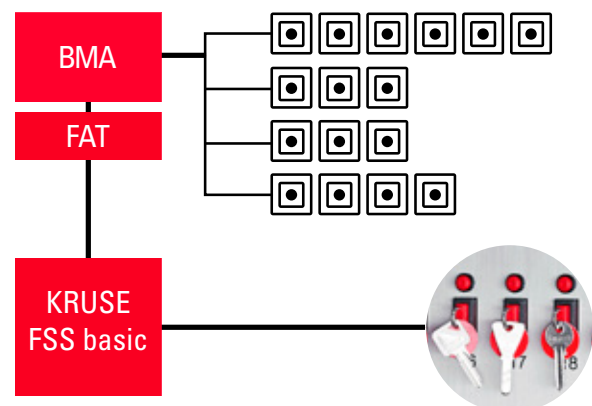
FSS BASIC



Control via potential-free contacts: Each key has an extra wire (bridges possible)

BMA = Fire Alarm Systems
FSS = Fire Brigade KeyCabinet

FSS PLUS



Serial control, e.g. via RS232 opt. or RS485 opt.

BMA = Fire Alarm Systems
FAT = Fire Brigade Indicator panel
FSS = Fire Brigade KeyCabinet

KRUSE Fire Brigade KeyCabinet (FSS)

Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material	Voltage (V)
			Width	Height	Depth			
54500 0/5	KRUSE FB KeyCabinet (FSS)	10 keys, FSS basic (0) or FSS plus (5).	537	450	230	29.00	Stainless steel (1.4301)	12/24
54501 0/5	KRUSE FB KeyCabinet (FSS)	20 keys, FSS basic (0) or FSS plus (5).	537	450	230	29.00	Stainless steel (1.4301)	12/24
54502 0/5	KRUSE FB KeyCabinet (FSS)	30 keys, FSS basic (0) or FSS plus (5).	537	650	230	38.00	Stainless steel (1.4301)	12/24
54503 0/5	KRUSE FB KeyCabinet (FSS)	40 keys, FSS basic (0) or FSS plus (5).	537	650	230	38.00	Stainless steel (1.4301)	12/24
54504 0/5	KRUSE FB KeyCabinet (FSS)	50 keys, FSS basic (0) or FSS plus (5).	537	890	230	48.00	Stainless steel (1.4301)	12/24
54505 0/5	KRUSE FB KeyCabinet (FSS)	60 keys, FSS basic (0) or FSS plus (5).	537	890	230	48.00	Stainless steel (1.4301)	12/24

Accessories for Fire Brigade KeyCabinet (FSS)

Item no.	Item	Description	Available for	
			FSS basic	FSS plus
545060	Module - slot monitoring basic	Series connection of the slots (per slot).	X	incl.
545056	Module - inevitability basic	Completeness check - display of missing keys.	X	incl.
545058	Module - power supply monitoring basic	Monitoring for state of charge and power failure.	X	incl.
545067	Module - door monitoring	Monitoring of door/inspection flap.	X	X
545068	Card cover seal	Monitoring of cards in FSS/SW.	X	X
120082	Key carrier press SW/FSS	For pressing the steel rings into the key carriers.	X	X
545059	Engraving - FB KeyCabinet	Engraving (coloured), alternative to etching.	X	X
545070	Module - mech. uniqueness	Factory assembled, 10 slots each. Unique assignment of the key carriers.	X	X
545080	Module - mech. uniqueness	Retrofit kit, 10 slots each. Unique assignment of the key carriers.	X	X



Mech. inevitability



Inevitability



Card cover seal



Monitoring



Slot monitoring



Power supply monitoring basic



Key carrier press



Engraving – Fire Brigade KeyCabinet

Fire Brigade Information and Operating System (FIBS)

- Compact overall system for initial information of the fire brigade
- Prepared for connection to fire alarm systems
- Optionally also available as empty housing

Available
in simple or
redundant
design



FIBS-80

Please indicate fire alarm system type and fire brigade route cards format when ordering.



Special solutions are also possible – please contact us.



- | | |
|--|---|
| 1. Fire Brigade Indicator Panel (FAT) | 5. Door prepared for fire brigade lock |
| 2. Fire Brigade Control Panel (FBF) | 6. Compartments for fire brigade route cards A4 or A3 (adjustable bracket) |
| 3. Preparation for push-button detectors | 7. Inscription "Fire brigade route cards" |
| 4. Door with transparent field of vision for above-mentioned components | 8. Revision lock CL1 |

FIBS-80

Compact information centre in housing depth 80 mm

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	LK number (A3/A4)
			Width	Height	Depth		
506000-80	FB info/operating system (FIBS) 80	Incl. FAT/BBF and LK compartment A3/A4.	800	560	80	18.00	90/180
506050-80	FB info/operating system (FIBS) 80-RE	Incl. FAT/BBF and LK compartment A3/A4, redundant version.	800	560	80	18.00	90/180
506055-80	FB info/operating system (FIBS) 80-L	Incl. LK compartment A3/A4, empty housing.	800	560	80	16.00	90/180



FIBS-130S

Compact information centre in housing depth 130 mm

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	LK number (A3/A4)
			Width	Height	Depth		
506050-130S	FB info/operating system (FIBS) 130S-RE	Incl. FAT/BBF and LK compartment A3/A4.	800	560	130	21,00	150/300
506055-130S	FB info/operating system (FIBS) 130S-L	Incl. LK compartment A3/A4, empty housing.	800	560	130	19,00	150/300



FIBS-210

Compact information centre in housing depth 210 mm

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	LK number (A3/A4)
			Width	Height	Depth		
506000-210	FB info/operating system (FIBS) 210	Incl. FAT/BBF and LK compartment A3/A4.	800	560	210	28.00	280/560
506050-210	FB info/operating system (FIBS) 210-RE	Incl. FAT/BBF and LK compartment A3/A4, redundant version.	800	560	210	28.00	280/560
506055-210	FB info/operating system (FIBS) 210-L	Incl. LK compartment A3/A4, empty housing.	800	560	210	26.00	280/560



FIBS-130XL

Information centre in XL dimensions and 130 mm depth

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	LK number (A3/A4)
			Width	Height	Depth		
506000-130	FB info/operating system (FIBS) 130	Incl. FAT/BBF and LK compartment A3/A4.	800	950	130	32.00	140/280
506050-130	FB info/operating system (FIBS) 130-RE	Incl. FAT/BBF and LK compartment A3/A4, redundant version.	800	950	130	32.00	140/280
506055-130	FB info/operating system (FIBS) 130-L	Incl. LK compartment A3/A4, empty housing.	800	950	130	30.00	140/280



Accessories for Fire Brigade (FB) Information and Operating System (FIBS)

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	LK number (A3/A4)
			Width	Height	Depth		
506030-80	FIBS Extension Housing 80	Increase of LK capacity A3/A4, for FIBS 80 depth.	500	560	80	10.50	90/180
506030-210	FIBS Extension Housing 210	Increase of LK capacity A3/A4, for FIBS 210 depth.	500	560	80	16.00	280/560
506040-80	FIBS in-wall housing 80	For FIBS 80 depth as option for flush mounting.	820	580	83	5.50	
506045	FIBS cover frame 80/210	To cover the wall joint, for FIBS 80s/210s.	845	650	50	1.50	



Fire Brigade Information Centre (FIZ)

- Initial information for outdoor use in V2A
- As column attachment (SA) or for wall mounting (WM)
- In redundant design incl. climate package and illumination



FIZ-WM 2PZ



FIZ-SA



FIZ-SA 2PZ

**SA attachments
for KRUSE stainless
steel column K1 - K5,
from page 19**

Please indicate fire alarm system type and fire brigade route cards format when ordering. These items are also available as double PZ version.



Larger route card capacity and special solutions on request.



Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	LK number (A4/A3)
			Width	Height	Depth		
506060	FB Information Centre (FIZ) SA	Column attachment (K1 - K5), incl. FAT/FBF.	1,000	650	300	35.00	140
506061	FB Information Centre (FIZ) SA-L	Empty housing as column attachment (K1 - K5).	1,000	650	300	31.00	140
506062	FB Information Centre (FIZ) SA-L 2PZ	Empty housing for 2 profile cylinders, as column attachment (K1 - K5).	1,000	650	300	31.00	140
506063	FB Information Centre (FIZ) SA 2PZ	For 2 profile cylinders, as column attachment (K1 - K5), incl. FAT/FBF.	1,000	650	300	35.00	140
506070	FB Information Centre (FIZ) SA4	As column attachment (K1 - K5), incl. FAT/FBF.	360	640	250	26.00	70 (A4)
506071	FB Information Centre (FIZ) SA4-L	Empty housing as column attachment (K1 - K5).	360	640	250	26.00	70 (A4)
506065	FB Information Centre (FIZ) WM	For wall mounting, incl. FAT/FBF.	800	800	130	26.00	140
506066	FB Information Centre (FIZ) WM-L	Empty housing for wall mounting.	800	800	130	22.00	140
506067	FB Information Centre (FIZ) WM-L 2PZ	Empty housing for 2 profile cylinders, for wall mounting.	800	800	130	22.00	140
506068	FB Information Centre (FIZ) WM 2PZ	For 2 profile cylinders, for wall mounting, incl. FAT/FBF.	800	800	130	26.00	140

Fire Brigade Control Panel (FBF)

Uniform operating device for FAS

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	VdS
			Width	Height	Depth		
504000	FB control panel (FBF) 2001	Conventional design.	255	185	58	2.50	G 29 90 34
504002	FB control Panel (FBF) 3000	With serial port.	255	185	30	2.50	G 29 00 45
504005	FB control Panel (FBF) 4000	With serial port.	255	185	58	2,50	G 21 30 57



Fire Brigade Indicator Panel (FAT)

Uniform FAS operating conditions

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	VdS
			Width	Height	Depth		
505000	FB indicator panel (FAT) 2002	Conventional design.	255	185	58	3.50	G 29 90 86
505050	FB indicator panel (FAT) 3000	Conventional and redundant.	255	185	58	3.50	G 29 90 76
505060	FB indicator panel (FAT) 4000	Conventional and redundant.	255	185	58		G 21 30 58



Fire Brigade Shut-off Element (ASE)

Uniform shutdown (e.g. of photovoltaic systems)

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
600500	KRUSE FB shut-off element (ASE)	Prepared for profile cylinder.	120	145	150	2.30
600510	KRUSE FB shut-off element (ASE)	With vandalism protection, prepared for profile cylinders.	120	145	150	2.30



Information on ASE

Switching off solar modules by means of remote triggering of a DC isolator switch.

With diode status display



◀ Complete plant switched off

◀ ASE is switched on again

◀ ASE and all DC isolators are switched on

KRUSE Emergency Opener + Protective Cover

For escape route and manual alarm security

Item no.	Item	Description	Dimensions (mm)			Material
			Width	Height	Depth	
099001	KRUSE Emergency pushbutton	Emergency button green, 1 NC contact.	90	120	80	Plastic
099002	KRUSE Emergency pushbutton	Emergency button green, 1 NO contact.	90	120	80	Plastic
099007	KRUSE Emergency pushbutton	Emergency button green, 1 NC and 1 NO contact.	90	120	80	Plastic
099008	KRUSE Emergency pushbutton	Emergency button green, 2 NC contacts.	90	120	80	Plastic
099009	KRUSE Emergency pushbutton	Emergency button green, 2 NO contacts.	90	120	80	Plastic
099015	Protective Cover	With opening alarm, for manual alarms up to 138 x 138 mm.	176	245	53	Polycarbonate
099017	Spacer for Protective Cover	Depth 18 mm, mounting assistance for the Protective Cover.				
099018	Spacer for Protective Cover	Depth 32 mm, mounting assistance for the Protective Cover.				



Fire Brigade Route Card Depots

Route card containers for fire brigade use

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	LK number
			Width	Height	Depth		
508000	FB route card depot A4	Prepared for profile cylinder, format A4.	320	270	135	approx. 4.00	130
508005	FB route card depot A4-CL1	With CL1 lock, format A3.	440	345	125	approx. 5.00	130
508010	FB routing cards A3	Prepared for profile cylinder, format A3.	440	345	125	approx. 5.00	130
508011	FB route card depot A3-E	With electric strike, format A3.	443	395	110	approx. 8.00	130
508015	FB route card depot A3-CL1	With CL1 lock, format A3.	440	345	125	approx. 5.00	130
508050	FB route card depot A4-E	With electric opener.	320	310	110	approx. 6.50	130
508070	FB route card depot A3-80	Open container, format A3.	440	260	55	approx. 2.00	80
508080	FB route card pocket A4-80	Open container, format A4.	315	195	40	approx. 1.20	80
508090	FB route card pocket A4-120	Open container, format A4.	315	195	75	approx. 1.60	120



Fire Brigade Double Floor Jack

For lifting raised floors in case of application

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
509000	FB floor lifting box PZ	Capacity: 1 floor lift, prepared for profile cylinder.	140	360	110	1.80
509002	FB floor lifting box CL1	Capacity: 1 floor lift, with CL1 lock.	140	360	110	1.80
509005	FB floor lifting box PZ-duo	Capacity: 2 floor lifters, prepared for profile cylinder.	270	360	120	3.10
509007	With CL1 lock	With CL1 lock.	270	360	120	3.10
509010	Suction lifter for double floors	For smooth floors.	120	90	320	1.00
509015	Claw jack for raised floors	For carpets.	120	90	350	2.00



Fire Brigade Rod Holder

Safe provision of tie rods

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
509026	FB rod holder	Prepared for padlock.	100	100	48	0.45



Fire Brigade Coupling Protection

For protecting a Storz coupling

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
509040	FB coupling protection type B (Storz)	Prepared for a hanging lock, for protecting a Storz coupling.	160	225	115	2.30
509045	Slider for double security	For protection of a double Storz coupling.				



Fire Brigade Ladder Supports/Ladders

Stable ladders where they are needed

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
509020	FB ladder support PZ	Prepared for profile cylinders. Usable depth: 100 to 180 mm.	150	100	150 - 225	1.30
509020VA	FB ladder support PZ in V2A	In V2A, prepared for profile cylinder. Usable depth: 100 to 180 mm.	150	100	150 - 225	1.30
509021	FB ladder support PZ-maxi	Prepared for profile cylinders. Usable depth: 150 to 250 mm.	150	100	200 - 300	1.50
509024	FB ladder support CL1-maxi	With CL1 lock. Usable depth: 150 to 250 mm.	150	100	200 - 300	1.50
509025	FB ladder support CL1	With CL1 lock. Usable depth: 100 to 180 mm.	150	100	150 - 225	1.30
509028	FB ladder support	Add-on for fire brigade ladder rack. For free-hanging provision.	120	180	175	1.50
509029	FB ladder support maxi	Add-on for fire brigade ladder rack. For free-hanging provision.	120	180	230	1.75
509030-5	FB operations ladder	Double ladder, 2 x 5 steps. Working height up to approx. 2.70 m.	530	1,290	180	6.70
509030-6	FB operations ladder	Double ladder, 2 x 6 steps. Working height up to approx. 2.95 m.	550	1,550	170	8.00
509030-7	FB operations ladder	Double ladder, 2 x 7 steps. Working height up to approx. 3.20 m.	580	1,790	180	9.30
509030-8	FB operations ladder	Step double ladder, 2 x 8 steps. Working height up to approx. 3.40 m.	610	2,050	170	10.50
509030-10	FB operations ladder	Step double ladder, 2 x 10 steps. Working height up to approx. 3.90 m.	670	2,550	170	14.00



Other ladder variants on request.

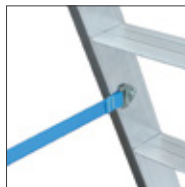
Ladders in tested quality according to DIN EN 131



Fire brigade operations ladder 2 x 6



Anti-slip foot stoppers



Expansion protection



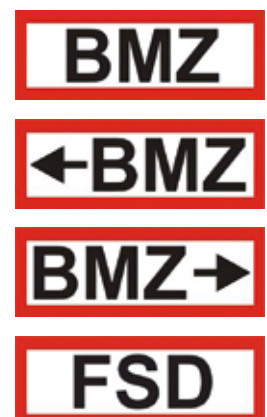
Ladder secured with ladder support

Fire Brigade Information Signs

Information signs according to DIN 4066

Item no.	Item	Description	Dimensions (mm)	
			Width	Height
090100	FB sign "BMZ"*	Foil stickers.	297	105
090101	FB sign "BMZ + arrow left"*	Foil stickers.	297	105
090102	FB sign "BMZ + arrow right"*	Foil stickers.	297	105
090103	FB indicator plate "FSD"	Foil stickers.	297	105
090200	FB sign "BMZ"*	Aluminium sign.	297	105
090201	FB sign "BMZ"*	Aluminium sign.	420	142
090202	FB sign "BMZ"*	Aluminium sign.	594	210
090203	FB indicator plate "FSD"	Aluminium sign.	210	74

* BMZ = Fire Alarm Control Panel (FACP)



KRUSE Lock Service

- Locks for everything that the fire brigade has to open and operate

For example:

- KeyDepots
- Release elements
- Information/operating systems
- Ladder supports
- etc.



We manage more than 2,000 regional fire brigade locks across Germany covering a diverse range of fire brigade products.

General information

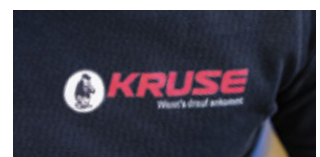
- Many fire brigades require that locks may be released by them in an object-related manner
- The acceptance process for a FAS can thereby be planned and traced by the fire brigade

Our service for installers and property operators

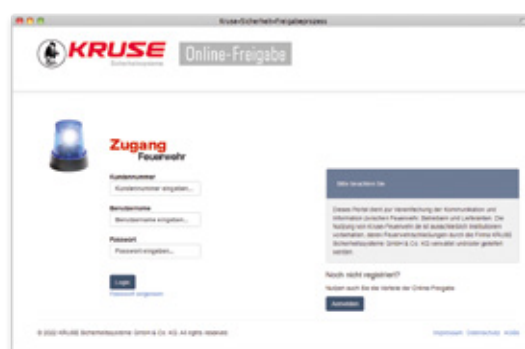
- We verify all orders! We deliver all products prepared for the correct lock
- Fast dispatch of the correct lock to the fire brigade = quicker acceptance

Our service for fire brigades

- Competent advice on the use of locks for all relevant products
- Free installation of individual locks and locking systems
- Transparent management and fast dispatch of locks and keys



KRUSE LOCKS – FIRE BRIGADE RELEASE ONLINE!



- Convenient and fast release process for the fire brigade
- Secure path to the right lock
- Transparent processing – traceable status

www.kruse-feuerwehr.de

KRUSE VdS Conversion Lock

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	VdS
			Width	Height	Depth		
550000	KRUSE VdS conversion lock	Type 2, without key, for FSD 3 and FSD 1.	45	84	21	0.30	G 10 50 01



Mauer Conversion Lock

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
037002	Mauer conversion lock	With factory key, for FSD 3.	49	96	26	0.50



KRUSE Special Cylinder

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
0490xx	KRUSE Special cylinders	Plug-in cylinder round, without key, for FSE type KRUSE and FSD 1.	32	32	53	0.20



Profile Half Cylinder

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
251xxx	Profile half cylinder	Without key, for FSD 1 and 3, FBF, FAT and FIBS	17*	33	40	0.10

* Lengths may vary depending on cylinder type and application.



Profile Double Cylinder

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
250xxx	Profile double cylinder	Without key, for access doors.	17*	33	60	0.20

* Lengths may vary depending on cylinder type and application.



Padlock

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
253xxx	Padlock	Without key, e.g. for bollard.	49	90	22	0.40





DEPOSIT AND SAFEKEEPING

WHEN OBJECT ACCESS IS CRUCIAL.

To store, deposit and hand over property keys simply and securely – for many companies this is a security-relevant and usually time-critical requirement that is decisive in everyday life. With our key safes and tubular safes, you always have the right key at hand and can therefore ensure controlled access. These are available in all sizes and with a wide range of equipment options, for installation in masonry or free-standing as a column. As always, in the typical first-class KRUSE quality.

INNOVATIVE SOLUTIONS FOR:

SECURITY SERVICES | FACTORY SECURITY STAFF | FIRE ALARM SYSTEM MANUFACTURERS

SAFETY TECHNOLOGY INSTALLERS | PROPERTY OPERATORS | DISPOSAL COMPANIES | PLANNERS

FIRE BRIGADE | ARCHITECTS | EMERGENCY PERSONNEL

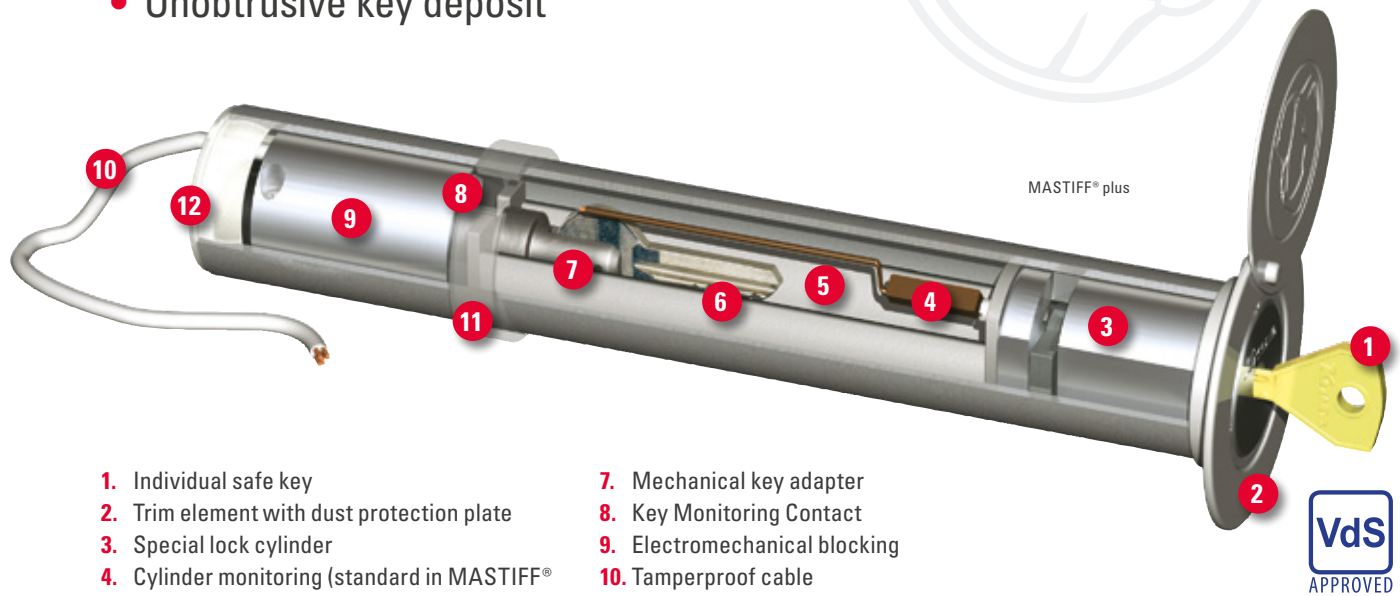




SECURITY

MASTIFF® KeySafes

- Large variety of models
- Incl. special locking cylinder
- Unobtrusive key deposit



- | | |
|---|-------------------------------|
| 1. Individual safe key | 7. Mechanical key adapter |
| 2. Trim element with dust protection plate | 8. Key Monitoring Contact |
| 3. Special lock cylinder | 9. Electromechanical blocking |
| 4. Cylinder monitoring (standard in MASTIFF® plus and push, otherwise optional) | 10. Tamperproof cable |
| 5. Key tray | 11. Pull-out protection |
| 6. Property key | 12. Buzzer |



FEATURES OF THE PRODUCT FAMILY

- Tube safes in purely mechanical design or with monitoring functions
- Perfect additional protection for locking cylinders with VandalismRosette
- Including KRUSE special cylinders:
 - As single lock with 2 keys
 - As fire brigade lock without key
 - We would be happy to set up an individual lock for you!
- Alternatively with push-lock for key-less opening
- Simple installation in the outside area by means of core drilling
- All flush-mounted variants can be optionally integrated into the UniversalColumn



MASTIFF® light & basic 1

- Mechanical locking device
- Short and long version
- Optional: cylinder monitoring



MASTIFF® light

Item no.	Item	Description	Max. tube diameter (mm)	Recommended core drilling (mm)	Tube length (mm)	Max. key length (mm)	Max. number of keys
530000	MASTIFF® light	Small installation depth, with KRUSE special cylinder.	38	42	135	65	3
530010	MASTIFF® basic 1	Large installation depth, with KRUSE special cylinder.	38	48	235	90	3

MASTIFF® basic 2

- Incl. deposit tray and key monitoring
- Mechanical locking device
- Optional: cylinder monitoring/mechanical blocking



Item no.	Item	Description	Max. diameter (mm)		Recommended core drilling (mm)	Tube length (mm)	Max. key length (mm)	Max. number of keys
			Tube	with Ring				
530012	MASTIFF® basic 2	With key monitoring and KRUSE special cylinder.	38	44	52	235	90	1

MASTIFF® push

- Electromechanical push-lock
- Incl. deposit tray and key monitoring
- Incl. cylinder monitoring



Item no.	Item	Description	Max. diameter (mm)		Recommended core drilling (mm)	Tube length (mm)	Max. key length (mm)	Max. number of keys	Current (mA)	Voltage (V)
			Tube	with Ring						
530100	MASTIFF® push	Electromechanical push-lock (12 V), with key monitoring.	38	48	52	200	90	1	220	12
530150	MASTIFF® push	Electromechanical push-lock (24 V), with key monitoring.	38	48	52	200	90	1	120	24

MASTIFF® plus

- Electronic blocking (12/24 V)
- Mechanical locking device
- Incl. key and cylinder monitoring



Item no.	Item	Description	Max. diameter (mm)		Recommended core drilling (mm)	Tube length (mm)	Max. key length (mm)	Max. number of keys	Current (mA)	Voltage (V)	VdS
			Tube	with Ring							
530160	MASTIFF® plus	Electr. blocking (12 V), with key/cylinder monitoring and KRUSE special cylinder.	38	48	52	235	90	1	220	12	G 10 80 29
530170	MASTIFF® plus	Electr. blocking (24 V), with key/cylinder monitoring and KRUSE special cylinder.	38	48	52	235	90	1	120	24	G 10 80 29

MASTIFF® 70

- Large diameter, also suitable for cards
- Mechanical locking device
- Incl. deposit tray



Item-No.	Item	Description	Max. tube diameter (mm)	Recommended core drilling (mm)	Tube length (mm)	Max. length cards (mm)	Max. number of keys
530070	MASTIFF® 70	With large diameter and KRUSE special cylinder.	70	78	185	90	8

MASTIFF® surface-mounted

- For surface mounting
- Mechanical locking device
- Incl. safety screws

Item no.	Item	Description	Max. tube diameter (mm)	Tube length (mm)	Max. key length (mm)	Max. number of keys
530002	MASTIFF® surface-mounted	For surface mounting, with KRUSE special cylinder.	38	135	65	1



KRUSE PZ KeySafes

- Large variety of models
- Prepared for DIN profile cylinder
- Easy integration into locking systems



The object keys can to be easily separated from the cylinder housing thanks to a simple retrieval mechanism. Alternately, you may also create a fixed connection.

The basic principle resembles that of the MASTIFF® Safes

The functional principle and scope of services are similar to the MASTIFF® KeySafes. Please find the product description on page 42. The only difference consists in the dimensions and the locking mechanism.



OPTIMAL INTEGRATION IN PZ LOCKING SYSTEMS:



Nickel-coated brass cylinder housing for receiving a DIN profile half-cylinder with adjustable locking nose (8 x 45°) in a length of 30 mm.



Special variants possible.

PZ KeySafe **light & basic 1**

- Mechanical PZ-lock
- Prepared for PZ 30 mm, 35 mm or "Switzerland"
- Optional: cylinder monitoring



PZ KeySafe light

Item no.	Item	Description	Max. diameter (mm)		Recommended core drilling (mm)	Tube length (mm)	Max. key length (mm)	Max. number of keys
			Tube	with Flange				
535010	PZ KeySafe light	Prepared for PZ (30 mm), small installation depth.	51	56	62	135	65	5
535012	PZ KeySafe basic 1	Prepared for PZ (30 mm), large installation depth.	51	56	62	235	100	5
535020	PZ KeySafe light	Prepared for PZ (35 mm), small installation depth.	51	56	62	135	65	5
535030	PZ KeySafe light-22	Prepared for round cylinders (22 mm) "Switzerland", small installation depth.	51	56	62	135	65	5

PZ KeySafe **basic 2**

- Incl. deposit tray and key monitoring
- Mechanical PZ-locking
- Optional: cylinder monitoring/mechanical blocking



Item no.	Item	Description	Max. diameter (mm)		Recommended core drilling (mm)	Tube length (mm)	Max. key length (mm)	Max. number of keys
			Tube	with Ring				
535040	PZ KeySafe basic 2	With key monitoring, prepared for profile cylinder.	51	56	62	235	90	2

PZ KeySafe **push**

- Electromechanical push-lock
- Incl. deposit tray and key monitoring
- Incl. cylinder monitoring



Item no.	Item	Description	Max. diameter (mm)		Recommended core drilling (mm)	Tube length (mm)	Max. key length (mm)	Max. number of keys	Current (mA)	Voltage (V)
			Tube	with Ring						
535050	PZ KeySafe push	Electromechanical push-lock (12 V), with key monitoring.	51	56	62	235	100	1	220	12
535055	PZ KeySafe push	Electromechanical push-lock (24 V), with key monitoring.	51	56	62	235	100	1	120	24

PZ KeySafe **plus**

- Electronic blocking (12/24 V)
- Mechanical PZ-locking
- Incl. key and cylinder monitoring



Item no.	Item	Description	Max. diameter (mm)		Recommended core drilling (mm)	Tube length (mm)	Max. key length (mm)	Max. number of keys	Current (mA)	Voltage (V)	VdS
			Tube	with Ring							
535060	PZ KeySafe plus	Electrical blocking (12 V), with key/cylinder monitoring, prepared for PZ.	51	56	62	235	90	1	220	12	G 10 80 78
535065	PZ KeySafe plus	Electrical blocking (24 V), with key/cylinder monitoring, prepared for profile cylinder.	51	56	62	235	90	1	120	24	G 10 80 78

PZ KeySafe **ARS**

- Incl. tear-out and drilling protection
- Mechanical PZ-locking
- Prepared for PZ 30 mm



Item no.	Item	Description	Max. tube diameter (mm)	Recommended core drilling (mm)	Tube length (mm)	Max. key length (mm)	Max. number of keys
535080	PZ KeySafe ARS	With tear-out/drilling protection, prepared for profile cylinder.	51	55	147	65	5

PZ KeySafe **surface-mounted**

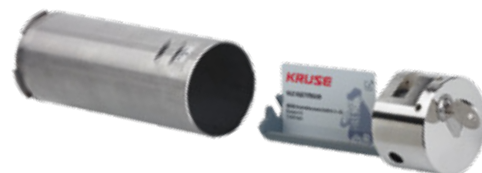
- For surface mounting
- Mechanical PZ-locking
- Incl. safety screws



Item no.	Item	Description	Max. tube diameter (mm)	Recommended core drilling (mm)	Tube length (mm)	Max. key length (mm)	Max. number of keys
535100	PZ KeySafe surface-mounted	For surface mounting, prepared for profile cylinder.	51	XX	180	60	3

PZ KeySafe **70**

- Large diameter, also suitable for cards
- Mechanical PZ-locking
- Incl. deposit tray



Item no.	Item	Description	Max. diameter (mm)		Recommended core drilling (mm)	Tube length (mm)	Max. key length (mm)	Max. number of keys
			Tube	with Ring				
535160	PZ KeySafe 70	With large diameter, prepared for profile cylinders.	70	74	78	185	90	8

PZ KeySafe **mini-FL**

- For surface-mounted flange mounting
- For mounting in hollow beams (min. 100 x 100 mm)
- Mechanical PZ-locking



Item no.	Item	Description	Max. diameter (mm)		Recommended core drilling (mm)	Tube length (mm)	Max. key length (mm)	Max. number of keys	Dimensions of ellipse (mm)
			Tube	with Ring					
535015	PZ KeySafe mini-FL	For flange mounting, prepared for profile cylinder.	51	56	62	92	65	5	130 x 85 (H x W)

KRUSE CODE KeySafes

- Pipe safe with 4-digit number code
- Large diameter
- Extra robust

Extra robust stainless steel key safe with mechanical number code lock. Large design and incl. additional security features to prevent tampering.



CODE KeySafe basic



CODE KeySafe 70-Plus

Robust construction
Discreetly and securely anchored in the wall

Mechanical number code lock
Works independently of mains voltage

Large design
Suitable for access cards or several property keys

CODE KeySafe 70-Plus



Explanatory video *

Model overview

Item no.	Item	Description	Max. diameter (mm)		Recommended core drilling (mm)	Tube length (mm)	Max key length (mm)	Max. number of keys
			Tube	with Ring				
535200	CODE KeySafe basic	Tube safe with 4-digit code lock.	51	56	62	145	65	5
535300	CODE KeySafe 70-plus	Tube safe with 4-digit number code, large diameter, extra robust.	70	75	80	173	110	10

* <https://kruse-sicherheit.de/wp-content/uploads/2021-05-05-CODE-70-plus-Video.mp4>

KRUSE Code Key Pad

- Traceable access – storage of up to 255 user-related PINs.
- Robust 2 mm stainless steel housing
- Key illumination can be optionally activated

Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
511075	KRUSE Code Key Pad	Incl. software for user administration to control different KRUSE products.	88	154	44	1.00




Incl. Software

Accessories for MASTIFF®, PZ and CODE KeySafes

Item no.	Item	Description
532020	Trim element	For MASTIFF® KeySafes.
532025	Trim element with dust protection plate	For MASTIFF® KeySafes.
535500	Trim element	For PZ KeySafes.
535501	Trim element with dust protection plate	For PZ KeySafes.
532027	VandalismRosette	Incl. 1 magnetic key protection for MASTIFF® and PZ KeySafes.
532027F	VandalismRosette FW	Incl. 1 magnetic key, protection for MASTIFF® and PZ KeySafes with marking "F".
535502	Trim element 70	For KeySafes 70 mm.
535503	Trim element 70 with dust protection plate	For KeySafes 70 mm.
535543	VandalismRosette 70	Incl. 1 magnetic key protection for KeySafes 70 mm.
535543F	VandalismRosette 70 F	Incl. 1 magnetic key, protection for KeySafes 70 mm with marking "F".
084004	Power glue	For MASTIFF® and PZ KeySafes.
085001	Super Lube corrosion protection	For KRUSE special cylinders, 65 ml.
532005	Cylinder monitoring contact	Fitted at the factory. Accessories MASTIFF® light and basic 1 and 2.
532070	Mechanical blocking	Factory-mounted, prevents locking of the MASTIFF® basic 2 if the object key is missing.
532082	Mechanical blocking	Factory fitted, prevents locking of the PZ basic 2 if the object key is missing.
532080	Special fixation version A	Fixation for surface mounting.
532081	Special fixation version B	Holder for integration into hollow walls or housings.
535541	Vandalism protection for DIN cylinder	Without magnetic key protection for DIN cylinders (key Item-No. 532029).
535571	Cylinder monitoring contact	Factory fitted, accessories PZ light and basic 1 and 2.
532029	Magnetic key for unlocking	With slider and key ring for VandalismRosette and protection.
107044	Mounting aid for VandalismRosette	2 angle plates. Mounting aid for gluing into drill hole.



KRUSE UniversalDepots

 Door monitoring contact pre-assembled as standard

- Universal application in three versions
- Optional: key monitoring (OSÜ)
- With door opener or mechanical locking



UniversalDepot basic

- With 4 key racks, optionally up to 4 key monitoring units



UniversalDepot maxi

- With 8 key racks, optionally up to 12 key monitoring units



UniversalDepot plus

- With 3 key racks, optionally up to 2 key monitoring units

Extra-strong design with integrated voltage converter

Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material
			Width	Height	Depth		
511050	UniversalDepot basic	With door opener 12 V.	200	200	110	4.00	Stainless steel (1.4301)
511055	UniversalDepot basic	With door opener 24 V.	200	200	110	4.00	Stainless steel (1.4301)
511052	UniversalDepot basic	With KRUSE VdS conversion lock.	200	200	110	4.00	Stainless steel (1.4301)
511051	UniversalDepot basic	Prepared for profile cylinder.	200	200	110	4.00	Stainless steel (1.4301)
511000	UniversalDepot maxi	With door opener 12 V.	300	250	160	8.50	Stainless steel (1.4301)
512000	UniversalDepot maxi	With door opener 24 V.	300	250	160	8.50	Stainless steel (1.4301)
511001	UniversalDepot maxi	With KRUSE VdS conversion lock.	300	250	160	8.50	Stainless steel (1.4301)
511002	UniversalDepot maxi	Prepared for profile cylinder.	300	250	160	8.50	Stainless steel (1.4301)
511030	UniversalDepot plus	Prepared for profile cylinder.	200	200	110	5.20	Stainless steel (1.4301)
511035	UniversalDepot plus	With door opener 12/24 V.	200	200	110	5.20	Stainless steel (1.4301)

Accessories for UniversalDepots

Item no.	Item	Description
511100	Key monitoring for UD basic	Factory fitted, up to max. 4 key monitoring units.
511020	Module - Key monitoring for UniversalDepot maxi	Incl. 4 key monitoring units, factory fitted, up to max. 12 key monitoring units.
511021	Key monitoring x1 for UD maxi	Factory assembled or as a retrofit kit.
511036	Connection cable 10 m for UD plus	For connection to a UniversalDepot plus.
511037	Module - Key overwrite for UD plus	Incl. 1 key monitoring unit, factory fitted.



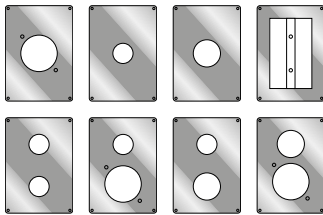
Key monitoring (basic)



Module - key monitoring (maxi)

KRUSE UniversalColumn

- Universal integration of multiple KRUSE products
- Large selection of covers for practical combination
- High weathering and mechanical resistance



Various covers made of high-quality material allow practical combination of different KRUSE products.



Optional:
anchor plate



Chemical anchor included
in the accessory pack

Also suitable for
KeyDepot K3/K5,
see page 27

Free-standing installation:

For example for glass façades or entrance gates, if no masonry is available.

1. Top

Tubular key safes MASTIFF®
KeySafe PZ

2. Bottom

KeyDepot K3

Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material
			Width	Height	Depth		
524050	KRUSE UniversalColumn	For integration of various KRUSE products.	185	1,253	250	18.00	Stainless steel (1.4301)

Accessories for UniversalColumn

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material
			Width	Height	Depth		
524030	Anchor plate for UniversalColumn	Installation aid for insertion into the foundation.	170	300	240	1.20	Stainless steel (1.4301)



QUICK ASSEMBLY



KRUSE BollardSafes

- Elegant and free-standing
- For 3 different locking systems
- Quick assembly



Optional:
anchor plate



Chemical anchor included
in the accessory pack



MASTIFF®



PZ



Changeover lock

- Free-standing bollard with integrated KeyDepot for making an object key available at the place of use
- Optimal solution if no suitable location is available to install a KeySafe or a KeyDepot



Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material
			Width	Height	Depth		
523010	KRUSE BollardSafe PZ	Prepared for profile cylinder.	80	1010	80	7.00	Stainless steel (1.4301)
523015	KRUSE BollardSafe MASTIFF®	With KRUSE special cylinder.	80	1010	80	7.00	Stainless steel (1.4301)
523020	KRUSE BollardSafe U-lock	With KRUSE VdS conversion lock.	80	1010	80	7.00	Stainless steel (1.4301)

Accessories for BollardSafes

Item no.	Item	Description	Dimensions (mm)			Weight (kg)
			Width	Height	Depth	
523030	Anchor plate for BollardSafe	Installation aid for insertion into the foundation.	200	250	200	1.60
523035F	Vandalism protection bollard FW	With marking "F", without key.	60	100	11	0.26
523040	Door monitoring for BollardSafe	For monitoring the locking status, factory fitted.				



Vandalism protection bollard FW

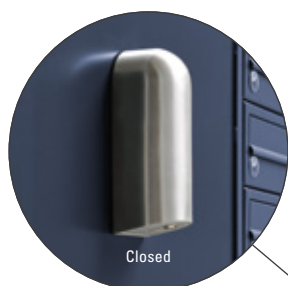
SECURE AND FLEXIBLE STORAGE IN OUTDOOR AREAS

All KRUSE products for safe storage and management in outdoor areas meet the highest standards. They help to keep keys clearly arranged and protected against loss. Whether key sets for large building complexes or small businesses, KRUSE safes and deposits are available in all sizes and with different locking mechanisms: mechanical and electronic. The right storage and access solution for every area of application – with KRUSE you play it safe.



KRUSE ServiceSafes

- Robust processing
- Simple wall mounting
- Attractive design



ServiceSafe PZ

- Stainless steel key safe with mechanical locking
- Prepared for DIN profile half cylinder (30 mm) with 8-fold adjustable locking nose

ServiceSafe push

- Stainless steel key safe with electro-mechanical push-lock
- Unlocking after remote release (e.g. control centre or alarm system)
- Opening and key access through pressure on the lower plate



Easy mounting

- Screw the mounting plate to the wall or other ground
- Hang the safe and screw it to the mounting plate while it is open



Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material	Voltage (V)
			Width	Height	Depth			
540003	ServiceSafe PZ	Prepared for profile cylinder, for surface mounting .	80	194	65	2.00	Stainless steel (1.4301)	-
540003M	ServiceSafe PZ	With monitoring, prepared for PZ.	80	194	65	2.00	Stainless steel (1.4301)	-
540050	ServiceSafe push	With electromechanical lock.	72	161	60	1.80	Stainless steel (1.4301)	12

KRUSE KeyDepot ATM

- For use in the banking sector
- Secure storage of up to 4 keys for employees and service providers
- Flexibility thanks to staff-independent key handover

Connection to a hazard alarm system

Arming/disarming via the code keyboard on the outer door.

Arming only after deposit of all keys.



Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material	Voltage (V)
			Width	Height	Depth			
500150	KRUSE KeyDepot ATM	With code keyboard on the outer door, for release via a hazard alarm system.	190	190	169	13.00	Stainless steel (1.4301)	12/24

KRUSE KeyCabinet

- Panel with hooks or holes for plug-in clips
- Space-saving solution in case of large number of keys
- Prepared for profile cylinder, incl. 12-volt electric strike

2-fold opening mechanism

Electronically: by controlling the 12-volt electric strike

Mechanical: via latch lock by means of profile half cylinder 30 mm



Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material	Voltage (V)
			Width	Height	Depth			
513180	KRUSE KeyCabinet PZ-E	With hook strips and door opener 12 V, for PZ.	873	603	180	32.50	Stainless steel (1.4301)	12
513185	KRUSE KeyCabinet PZ-E	With perforated plate and door opener 12 V, for PZ.	873	603	180	34.50	Stainless steel (1.4301)	12

KeyBoxes and KeySafes

- Quick assembly mechanics
- Access without time delay
- Opening code can be changed as required
- Optimal for outdoor use



KeyBox maxi

- With 10 push-buttons
- Incl. weather protection
- EC card format

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Colour	Material
			Width	Height	Depth			
570016	KeyBox maxi	Opening via 1 to 10-digit numerical code.	63	116	50	1.00	Black	Sheet steel

Incl. weather protection cover made of rubber!



Weather protection

KeyBox 4/1

- Incl. combination lock with 4 numbers
- Different sizes
- Various materials

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Colour	Material
			Width	Height	Depth			
570015	KeyBox 4/1 basic	Opening via 4-digit numerical code.	85	120	35	0.50	Black/ Grey	Cast aluminium
570011	KeyBox 4/1 maxi	Opening via 4-digit numerical code.	105	145	50	0.80	Black/ Grey	Cast aluminium
570012	Key box 4/1 plus	Opening via 4-digit numerical code.	65	112	31	1.40	Black/ Grey	Cast steel



KeyBox 4/1 basic



KeyBox 4/1 plus

KeySafe S7

- With 10 push-buttons
- In EC card format
- Made of solid material



Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Colour	Material
			Width	Height	Depth			
570005	KeySafe S7	Opening via 1 to 10-digit numerical code.	90	120	60	1.60	Black	Cast steel

KeySafe P500

- With 12 push-buttons
- Very robust housing
- Optional with alarm sensor



Alarm sensor is available as accessory.

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Colour	Material
			Width	Height	Depth			
570040	KeySafe P500	Opening via 1 to 12-digit numerical code.	81	150	64	1.90	Black	Metal
570045	Alarm sensor P500	Opening and dismantlement monitoring.	Cable length: 2 m					Plastic



KeySafe K12

- With 10 push-buttons
- Compact design
- Optional with weather protection

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Colour	Material
			Width	Height	Depth			
570013	KeySafe K12	Opening via 1 to 10-digit numerical code.	58	100	40	0.60	Light grey	Cast steel
570014	Weather protection K12	Protects the KeySafe K12.	-	-	-	-	Black	Rubber



Weather protection K12

KeyRings and KeySeals

- No invisible manipulation possible
- More control over mobile key inventories



KeyRing **KS**

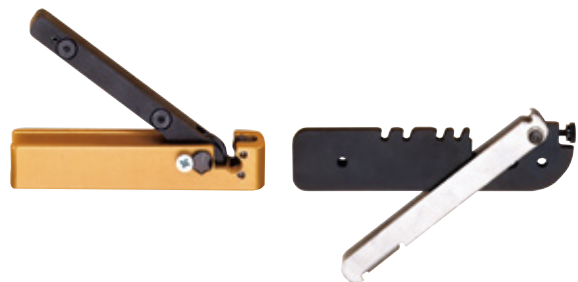
- Sealing with pincer and sealing tool
- Laser-engraved identification number

Item no.	Item	Description	Material
048100	KeyRing KS 30	Ring diameter 30 mm.	Stainless steel (1.4301)
048101	KeyRing KS 40	Ring diameter 40 mm.	Stainless steel (1.4301)
048102	KeyRing KS 50	Ring diameter 50 mm.	Stainless steel (1.4301)
048104	KeyRing KS 70	Ring diameter 70 mm.	Stainless steel (1.4301)



Accessories for KeyRing **KS**

Item no.	Item	Description
048200	Pliers type 271V	Locking tool part 1.
048201	Sealing tool type 271D	Locking tool part 2.



KeyRing **PL**

- Sealing with plastic seal
- Printed identification number

Item no.	Item	Description	Material
048210	KeyRing PL 30	Ring diameter 30 mm, PU: 10 pcs.	Stainless steel (1.4301)
048215	KeyRing PL 40	Ring diameter 40 mm, PU: 10 pcs.	Stainless steel (1.4301)
048220	KeyRing PL 50	Ring diameter 50 mm, PU: 10 pcs.	Stainless steel (1.4301)



KeySeals **K1 - K4**

- Disposable seal, tamper-proof
- Printed identification number

Item no.	Item	Description
048012	KeySeal K1	Cable length 120 mm, PU: 10 pcs.
048013	KeySeal K2	Cable length 290 mm, PU: 10 pcs.
048017	KeySeal K4	Cable length 300 mm (plastic-coated), PU: 10 pcs.



KeySeal **light**

- Light seal
- For marking and sealing

Item no.	Item	Description
565005W	KeySeal light	PU: 100 pcs.



KeyKeeper

- Sealing container for keys
- Creates trust

Item no.	Item	Description
048380	KeyKeeper	Sealing container for keys.



KEY-BAK Key Roll

- Polycarbonate key **role**
- With Kevlar rope – extremely resilient

Item no.	Item	Description
048375	KEY-BAK XXL	Kevlar rope 120 cm, belt clip.
048376	KEY-BAK XXL	Kevlar rope 120 cm, belt loop.
048377	KEY-BAK case	Chain 60 cm, belt clip.
048378	KEY-BAK carabiner	Kevlar rope 120 cm, carabiner.



ORGANISATION AND ADMINISTRATION

WHEN CONTROL IS ESSENTIAL.

Managing keys manually without a secure system is not only time-consuming, but also involves high risks and costs. KRUSE electronic key management offers solutions which guarantee full control and security on the basis of tried-and-tested systems. It allows key withdrawals and returns to be fully recorded and access authorisations to be granted to individual persons. On request, we can produce solutions for different keys and key ring sizes according to your needs.

INNOVATIVE SOLUTIONS FOR:

INDUSTRIAL COMPANIES | CAR DEALERSHIPS | HOSPITALS | CARE SERVICES | AUTHORITIES
FACILITIES MANAGEMENT | FACTORY SECURITY | HOTELS | FORWARDING AGENCIES





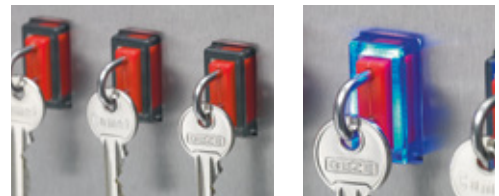
KRUSE KeyGuard

- Electronic key management
- Flexible, modular and traceable
- Reliable and complete documentation
- Robust stainless steel housing for safe storage



Intelligent key carrier

- Inseparable key connection by means of steel ring
- Including microchip with unique serial number
- Electromechanical locking in the system



The proven LED technology indicates the keys to be removed.

PRODUCT FEATURES OF KEYGUARD

- Convenient administration via network
- Simple assignment of authorisations via groups
- Tracking within seconds via protocols
- Incl. operating system with integrated database
- User access via PIN and/or card reader
- Emergency power supply and alarm management

SW4 ADVANTAGES

- Connection of several SW4 systems possible
- User guidance via touch display
- Administration via web interface
- More modularity in housing options
- Additional group functions possible

KeyGuard **SW4**

- User guidance via touch display
- Networking of several SW4 systems
- Administration via web interface
- Greater modular flexibility

Up to date:

Key management system with touch display and extensive functionality

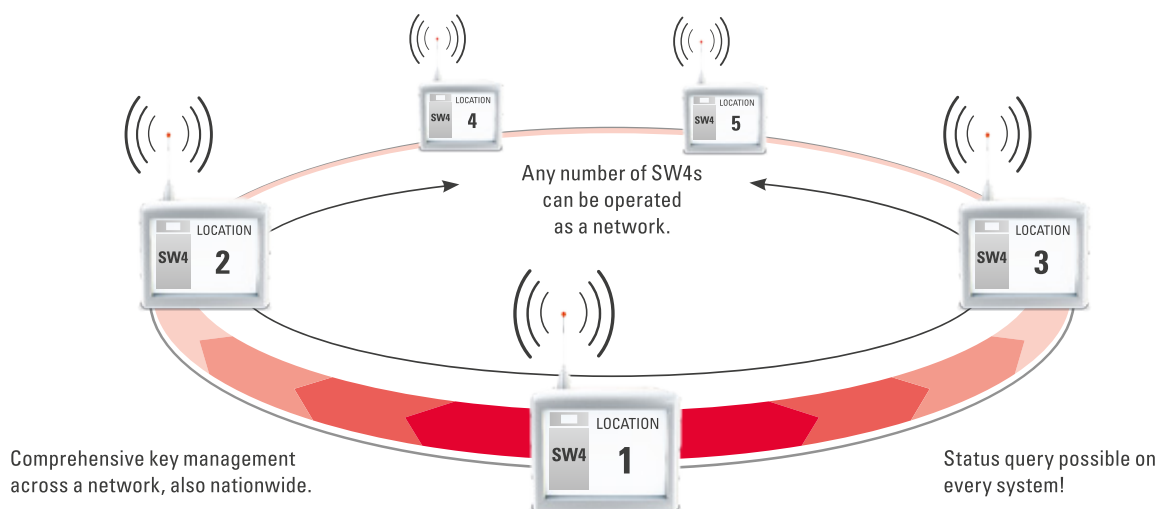
Expandable



THE PROVEN PRINCIPLE WITH MORE POSSIBILITIES

- Intuitive user guidance via robust 10.4" touch display
- Numerous housing options for master and supplementary systems
- Optional: Reservation function/data entry on return of keys
- Multilingual user guidance and administration
- Interconnected operation with data synchronisation and group administration
- Further XML interface options (OPC and SOAP)

SW4 NETWORK PRINCIPLE



- SW4 master units can be coupled to form a network
- Data synchronisation between the systems enables networked key management
- Connection via VPN, ISDN, DSL or via LAN
- Key carriers can be used and tracked across systems

Combine SW4 system in 5 steps

1. Select master system

Various master systems are available.
Choose the best option for your needs.

Here some examples:



2. If required, extend with extension housing or cabinet modules

Each master system can be freely combined with the available extension housings.

Here some examples:



3. Select options at no extra charge

Almost all elements can be adapted to your needs without extra costs. This allows you to select different doors or relocate the control unit. **Note: The standard door stop is on the left.**



4. Equip housing in steps of 10

Select the quantity of key carriers that each should be contained in the housing in steps of 10 up to the maximum. You can thereby choose between two key carrier systems.



5. Select further accessories as required (see pages 68 and 69)

Equip your new system with additional components, such as card readers, touch pens, further interfaces and much more.



SW4 master systems



SW4-BT



SW4-40



SW4-60

Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material	Voltage (V)
			Width	Height	Depth			
801000	Operating terminal SW4-BT	Master operating unit for wall mounting, for operating EG-80 and cabinet modules.	340	1,090	230	34.00	Stainless steel (1.4301)	230
801040	KeyGuard SW4-40	Master system for wall mounting, manages up to 40 key carriers.	560	830	230	54.00	Stainless steel (1.4301)	230
801060	KeyGuard SW4-60	Master system for wall mounting, manages up to 60 key carriers.	560	1,090	230	64.00	Stainless steel (1.4301)	230
801080	KeyGuard SW4-80	Master system for wall mounting, manages up to 80 key carriers.	560	1,350	230	74.00	Stainless steel (1.4301)	230
801120	KeyGuard SW4-120	Master system vertical, manages up to 120 key carriers.	900	1,750	230	85.00	Stainless steel (1.4301)	230



SW4-80



SW4-120



SW4 Extension Housing



SW4-40

SW4-60

SW4-80

SW4-120

Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material	Voltage (V)
			Width	Height	Depth			
801040S	SW4-40 Extension Housing	Extension for wall mounting, manages up to 40 key carriers.	560	570	230	44.00	Stainless steel (1.4301)	230
801060S	SW4-60 Extension Housing	Extension for wall mounting, manages up to 60 key carriers.	560	830	230	54.00	Stainless steel (1.4301)	230
801080S	SW4-80 Extension Housing	Extension for wall mounting, manages up to 80 key carriers	560	1,090	230	64.00	Stainless steel (1.4301)	230
801120S	SW4-120 Extension Housing	Vertical extension, manages up to 120 key carriers.	560	1,750	230	70.00	Stainless steel (1.4301)	230

Equip in steps of 10 mm

Item no.	Item	Description
801500	10 ID slots	For equipping SW housings, incl. key holder.
801510	10 RFID slots	For equipping SW housings, incl. key holder.



10 ID slots



10 RFID Slots

SW4 modules

- Management of larger objects
- Design with and without content monitoring
- Can be combined with master systems, SW4-BT, SW4-60 and EG-80
- Including mechanical emergency opening



Example of firearms storage

Incl.
emergency
opening
function



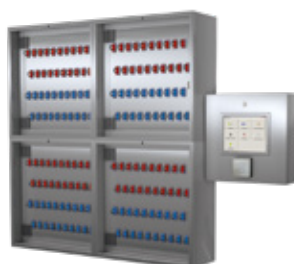
Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material	Voltage (V)
			Width	Height	Depth			
803005	SW4-250 cabinet module	6 compartments without content monitoring, managed via SW4-BT or SW4-80.	250	1,090	230	40.00	Stainless steel (1.4301)	230
803010	SW4-350 cabinet module	6 compartments without content monitoring, managed via SW4-BT or SW4-80.	350	1,090	230	55.00	Stainless steel (1.4301)	230
803105	SW4-250i cabinet module	6 compartments with content monitoring, managed via SW4-BT or SW4-80.	250	1,090	230	40.00	Stainless steel (1.4301)	230
803110	SW4-350i cabinet module	6 compartments with content monitoring, managed via SW4-BT or SW4-80.	350	1,090	230	55.00	Stainless steel (1.4301)	230

SW4 COMBINATION EXAMPLES



We would be happy to advise you on the composition of your individual SW4 system.



SW4-40 master system with remote control unit + 3x SW4-40 extension unit (as doorless housing)



SW4-120 master unit + 1x SW4-120 extension unit (with stainless steel doors)



SW4-BT master control unit + 2x SW4-250 cabinet module + 2x SW4-350 cabinet module

Accessories for SW4

Card readers and accessories

Item no.	Item	Description	Device
808001	KRUSE Card reader 13.56	Frequency range: 13.56 MHz.	SW4
808002	KRUSE Card reader 125	Frequency range: 125 kHz.	SW4
808005	Adaptation for KRUSE card readers	To customer identification media.	SW4
808006	Card set for KRUSE card readers	5 pcs.	SW4
808008	Integration of customer card reader	Including installation and programming.	SW4



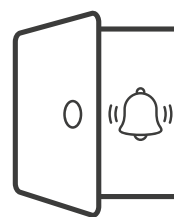
SMS alert service

Item no.	Item	Description	Device
808010	SMS alert service	Alarm notification via SMS (SIM card not included in delivery).	SW4



Additional protection

Item no.	Item	Description	Device
808017	Additional monitoring	Door monitoring and dismantlement contact, per housing.	SW4
808018	Housing drilling protection	All-round drilling protection for housing monitoring.	SW4



Key carrier press

Item no.	Item	Description	Device
120082	Key carrier press	For pressing in the steel rings.	SW4



Key carrier (as replacement)

Item no.	Item	Description	Device
801501	ID key carrier	Green, red, yellow or blue.	SW4
801511	RFID key carrier	Black.	SW4



Outdoor packages

Item no.	Item	Description	Device
808015	Outdoor package SW4-EG	Thermostat, hygostat and heater, per housing.	SW4
808016	Outdoor package SW4-Master	Including climate package and IP65 monitor, per master system.	SW4



Accessories for SW4

Touch pen

Item no.	Item	Description	Device
808009	Touch pen	With holder and cord.	SW4 only



Dummy box

Item no.	Item	Description	Device
801700	Dummy box for extension housing	Option as attachment.	SW4 only



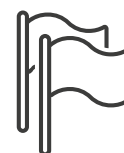
XML interfaces

Item no.	Item	Description	Device
808040	OPC interface	XML interface for system connection.	SW4 only
808041	SOAP interface	XML interface for system connection.	SW4 only

OPC XML
SOAP XML

Multiple languages

Item no.	Item	Description	Device
808045	Multiple languages	Selectable option or depending on user.	SW4 only



Reservation function

Item no.	Item	Description	Device
808046	Reservation function	Via web interface.	SW4 only



Data acquisition on return

Item no.	Item	Description	Device
808047	Data acquisition on return	For example, for vehicle fleet management.	SW4 only



SECURE KEY HANDOVER AROUND THE CLOCK

Flexibility in key handover – a case for KRUSE. KRUSE DepositColumns allow extremely safe and convenient key acceptance – around the clock. Typical KRUSE: The columns are made of solid stainless steel and are perfectly designed for fast outdoor installation. With a wall thickness of 3 mm and a mechanical recoil lock, KRUSE DepositColumns offer excellent protection against break-in attempts and manipulation.



KRUSE DepositColumn

- 24-hour service for your customers
- Solid stainless steel column, 3 mm thick
- Contract pouch deposit with retraction block



Optional:
anchor plate



Chemical anchor included
in the accessory pack



Slot with deposit tray for ball pens



Deposit for contract pouches



**Especially
for car
dealerships**

PRODUCT FEATURES

- After closing the slot, the contract pouches fall into a safe area
- Thanks to the intelligent design, no access from outside is possible
- Rear retrieval cabinet for profile cylinders with integrated protection against vandalism
- Optionally with monitoring package for connection to the hazard alarm system

Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material
			Width	Height	Depth		
520070	KRUSE DepositColumn	With retraction block.	350	1,140	300	60.00	Stainless steel (1.4301)

Accessories for DepositColumn

Item no.	Item	Description
520075	DepositColumn monitoring package	Pre-assembled at the factory, for connection to a burglar alarm system (EMA). Tear-off contact as well as lid and retrieval cabinet monitoring.



MONITORING

KeyAutomat **SAS-10**

- Simple, secure and service-oriented
- Compact handover of keys
- Especially for car dealerships and hotels
- Network-capable 24-hour solution

NEW



Intuitive user guidance via LCD display and code keyboard



PRODUCT FEATURES

- Simultaneous provision of up to 10 keys
- Solid workmanship of 3 mm stainless steel
- Including software for comfortable administration
- Individual code generation per slot
- Traceability via log entries
- Suitable for surface or flush mounting

Key issuance around the clock – this is how it works

1. Information about late arrival of the customer
2. Store customer keys in pos. 1 - 10 of the system
3. Generate code for the respective slot using software
4. Transmission of the output code to the customer (e.g. via e-mail)
5. Code entry at customer arrival and key acceptance

Model overview

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material	Voltage (V)
			Width	Height	Depth			
805050	SAS-10 KeyAutomat	With LCD display and code keyboard.	400	400	180	22.00	Stainless steel (1.4301)	230

KRUSE KeyManager

- Without electricity
- Can be used immediately
- Up to 100 keys

For an
optimal
overview



Three sizes

for a total of 25, 50 or 100 keys guarantee optimum combination possibilities and almost unlimited scalability.

PRODUCT FEATURES

- The manageable alternative to overfull key cabinets
- Clear overview at a glance: which employee has which key?
- Mechanical system for key retrieval according to the deposit principle
- Included in delivery: key sticks, operator sticks and KeySeals

KeyManager **Functionality**



1 Insert the personalised operator stick...



2 ...unlock the corresponding key stick...



3 ...remove the key stick!

Conclusion: The operator stick provides information about the whereabouts of the respective key and can only be removed again after the key stick has been returned.

Individual operator sticks

- Different colours available
- Numerical marking with stickers or optionally with engraving



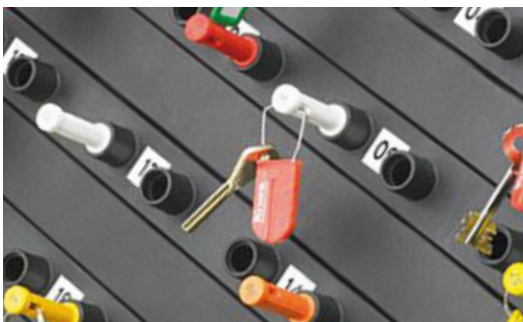
Connection with the key stick

- A new key is permanently connected to the numbered key stick by means of KeySeal light



EACH SIZE OPTIONALLY ALSO WITH THE FOLLOWING OPTIONS

1. **With dummy bar** – for more space between the key bars



2. **Sealed** – additional security through sealed key sticks



Model overview for **KeyManager**

KeyManager **mini**

Item no.	Item	Description	Dimensions (mm)			Material
			Width	Height	Depth	
565025	KeyManager mini 25	25 slots with 10 operator sticks.	525	245	90	Plastic
565025V	KeyManager mini 25V	25 slots with 10 operator sticks, sealed.	525	245	90	Plastic
565015B	KeyManager mini 15B	15 slots with 10 operator sticks and blind slats.	525	245	90	Plastic



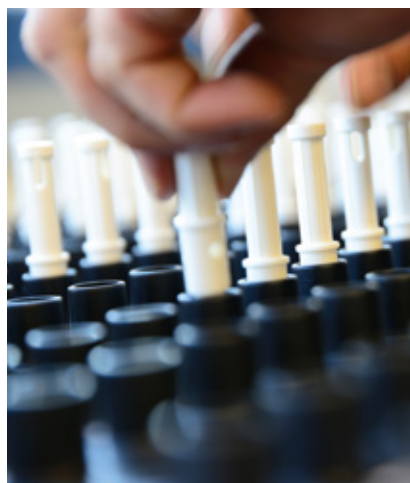
KeyManager **basic**

Item no.	Item	Description	Dimensions (mm)			Material
			Width	Height	Depth	
565050	KeyManager basic 50	50 slots with 25 operator sticks.	525	425	90	Plastic
565050V	KeyManager basic 50V	50 slots with 25 operator sticks, sealed.	525	425	90	Plastic
565025B	KeyManager basic 25B	25 slots with 10 operator sticks and blind slats.	525	425	90	Plastic



KeyManager **maxi**

Item no.	Item	Description	Dimensions (mm)			Material
			Width	Height	Depth	
565100	KeyManager maxi 100	100 slots with 50 operator sticks.	525	786	90	Plastic
565100V	KeyManager maxi 100V	100 slots with 50 operator sticks, sealed.	525	786	90	Plastic
565050B	KeyManager maxi 50B	50 slots with 25 operator sticks and blind slats.	525	786	90	Plastic



Accessories for KeyManager

KeyManager **light**

Item no.	Item	Description	Dimensions (mm)			Material
			Width	Height	Depth	
565002	KeyManager light	1 slot with 1 operator stick.	107	37	15	Plastic



DeviceManager

Item no.	Item	Description	Dimensions (mm)			Material
			Width	Height	Depth	
565005	DeviceManager	5 slots with 5 operator sticks.	525	55	90	Plastic



Wall mount

Item no.	Item	Description	Dimensions (mm)			Material
			Width	Height	Depth	
565000	Wall mount	For securing, with lock.	535	180	50	Stainless steel (1.4301)



Security cabinets

Item no.	Item	Description	Dimensions (mm)			Weight (kg)	Material	Voltage (V)
			Width	Height	Depth			
565012	Cabinet PZ-E	With door opener 12 V, for profile cylinder and one KeyManager.	873	603	180	27.50	Stainless steel (1.4301)	12



Deposit tray

Item no.	Item	Description	Material
565001	Deposit tray	Foundation for connector strip, for KeyManager.	Stainless steel (1.4301)



Replacement seals

Item no.	Item	Description	Material
565005W	KeySeal light	For attaching a key, PU: 100 pcs.	Plastic
565006R	SafetySeal	For sealing the key stick, PU: 100 pcs.	Plastic





PRICES

Find our current price lists on our website in the download area.

DISCLAIMER

We assume no liability for eventual printing errors.
Prices are subject to change without notice.

TERMS AND CONDITIONS

Find our current terms and conditions on the Internet:
www.kruse-sicherheit.de



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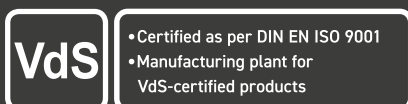
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