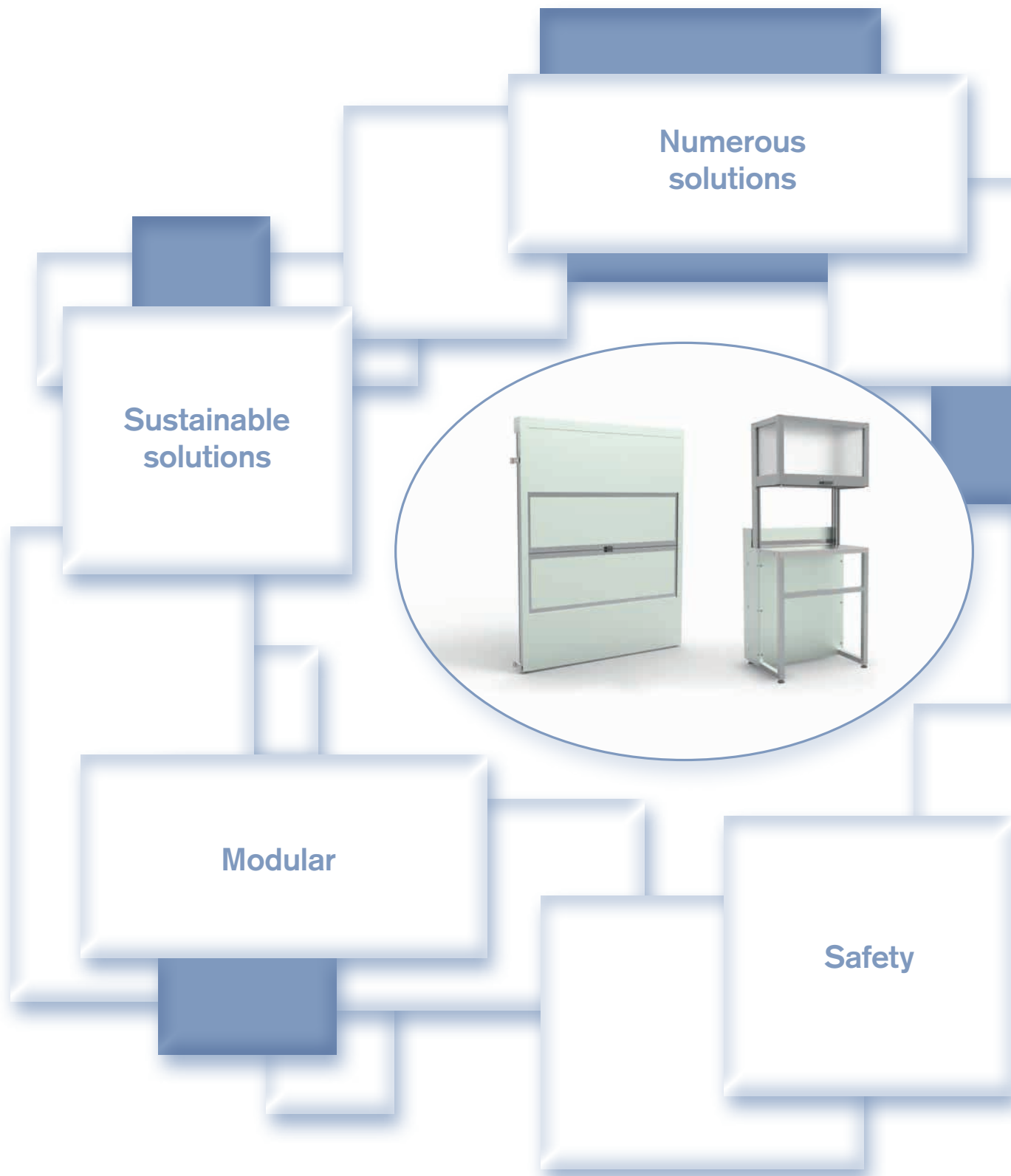


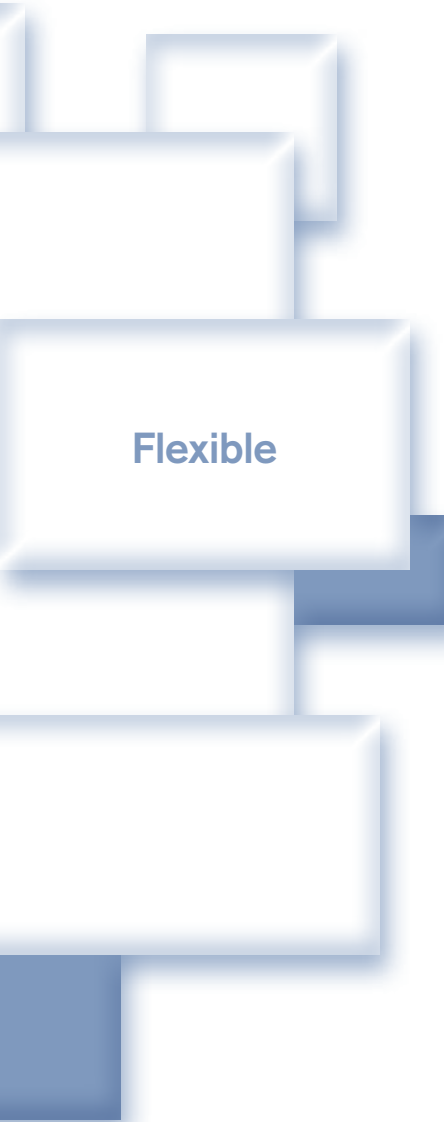


# SAFE

Modular safety doors and protective enclosures

# KANYA SAFE – modular system





Flexible

KANYA SAFE is a modular system solution for safety doors and protective enclosures. Numerous solutions can be implemented in a wide range of applications with the flexible modules and components. KANYA SAFE offers the right solution for every requirement, regardless of whether it is for a machine

housing, a double lifting-door or a multi-part safety door. The system solution can be altered or modified at any time to meet the requirements and thus represents a sustainable investment.

### System advantages

- ✓ simple, ready-to-install solution
- ✓ robust construction
- ✓ thin construction depth
- ✓ extremely compact design
- ✓ drop guard
- ✓ CE compliant (EC declaration of conformity)

### Configuration

<b>Drive configuration</b>	manual, electrical, pneumatic (optional)
<b>Cladding</b>	sheet metal, plastic, glass, Dibond etc.
<b>Safety engineering</b>	safety switch (adaptable to performance level), sensing edges, locking device etc.

# Innovative protective device



KANYA SAFE solutions are developed with an innovative protective device. The electrical drive unit such as our drop guard offers optimal protection for the operator of safety doors. In addition, the productivity of the machines can be increased by the fast opening and closing times and the reduction of the cycle times.

## Electrical drive unit

The electrical door drive mechanism in KANYA SAFE solutions ensures that opening and closing the door is quiet, frictionless and rapid. Thanks to the latest technology, photoelectric sensors, two-hand operation and also additional switches are not needed. The control system includes an integrated collision detection and in addition can

be operated manually when switched off, so that there is no danger for the operator of being locked in. Furthermore, an electrically-driven door solution is always a worthwhile investment compared to a manually operated door (quicker opening and closing times).



TüV-certified door drive mechanism for machine safety doors.



The safety door drive unit is protected against dripping water.



Standard for fieldbus communication in the automation technology.



Open industry Ethernet standard for the machine tool industry and automation industry.

## Advantages

- Robust safety door drive unit
- Fast opening and closing times
- Maintenance-free, compact & space-saving
- No additional sensors required
- Simple commissioning by intuitive operation of the device
- Personal protection in compliance with EN ISO 23125, DIN EN ISO 16089, DIN EN 953
- Integrated Safety in compliance with DIN EN ISO 13849-1 Performance Level (PL) «d»
- Independent of opening width and direction (horizontal/vertical)
- Operation, parameter setting and storing the values of the safety door drive unit is possible using a PC/Notebook

## Further options

### Web interface:

With the user-friendly web interface, you can check your safety door and change the parameters at any time with the PC/notebook, tablet or smart-phone.

### Explosion protection:

The ATEX (**AT**mosphères **EX**plosibles) explosion protection for machine protection drive units guarantees that persons are protected in areas exposed to explosion hazards.

### Intermediate position:

No intermediate positions can be configured.

### External sensors:

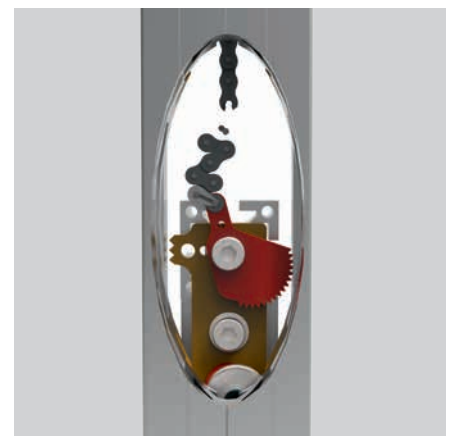
External sensors can be connected directly.

## Drop guard

The smooth-running SAFE solutions from KANYA are fitted with a mechanical drop guard. The drop guard secures the installation against falling caused by chain breakage or cable rupture.

## Advantages

- Safe access to machines and installations
- Triggering of the drop guard is independent of weight or speed of the doors
- The system complies with the machine guidelines



# KANYA SAFE Solutions



**Single lifting-door**



**Double lifting-door**



**Telescopic sliding door**



**Machine safety door**



**Protective hood**

KANYA SAFE Solutions offer a secure access to the widest range of industrial application sectors. The different solutions must meet high quality requirements and are characterised by their simple, ready-to-install system.

# Protective hood – electrical drive



## Technical data

<b>Depth</b>	according to customer requirements
<b>Width</b>	according to customer requirements
<b>Height</b>	according to customer requirements
<b>Weight</b>	max. 80 kg.
<b>Opening and Closing force</b>	max. clamping force 150 N max. kinetic energy 10J
<b>Safety switch</b>	according to individual requirements
<b>Cladding material</b>	depending on application, e.g. sheet metal, plastic, glass, Dibond etc.
<b>Article group</b>	S01-012

*Standard system – we will be pleased to offer other solutions on request.*



We also offer all KANYA SAFE Solutions with manual operation.  
Article group: S01-011

## Application

The laboratory instrument is protected against dust with a protective hood. Protective hoods are frequently utilised in the hygiene and clean room sectors.



# Single lifting-door – electrical drive



## Technical data

Depth	170 mm
Width	600 mm to 4000 mm
Aperture height	according to customer requirements
Opening time	depending on construction from 1s per 1000 mm
Opening and Closing force	max. clamping force 150 N max. kinetic energy 10J
Maximum speed	0,8 m/s
Safety switch	according to individual requirements
Cladding material	depending on application, e.g. sheet metal, plastic, glass, Dibond etc.
Article group	S02-012

*Standard system – we will be pleased to offer other solutions on request.*



We also offer all KANYA SAFE Solutions with manual operation.  
Article group: S02-011

## Application

The electrically driven single lifting-door securely separates the working area between humans and machines.





# Double lifting-door – electrical drive



## Technical data

Depth	170 mm
Width	600 mm to 4000 mm
Aperture height	according to customer requirements
Opening time	depending on construction from 1s per 1000 mm
Opening and Closing force	max. clamping force 150 N max. kinetic energy 10J
Maximum speed	0,8 m/s
Safety switch	according to individual requirements
Cladding material	depending on application, e.g. sheet metal, plastic, glass, Dibond etc.
Article group	S02-022

*Standard system – we will be pleased to offer other solutions on request.*



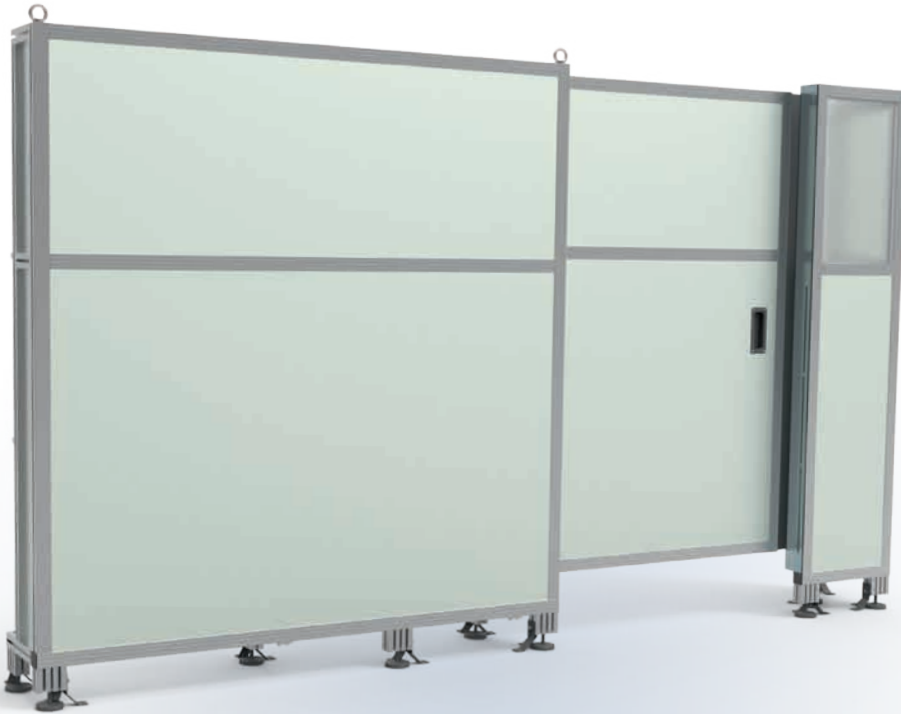
We also offer all KANYA SAFE Solutions with manual operation.  
Article group: S02-021

## Application

The electrically driven double lifting-door is characterised by its high opening speed and the minimal energy expenditure for opening and closing.



# Machine safety door – electrical drive



## Technical data

Depth	215 mm
Opening width	up to 3500 mm
Height	according to customer requirements
Cycle times	dependent on the size
Opening and Closing force	max. clamping force 150 N max. kinetic energy 10J
Maximum speed	0,8 m/s
Safety switch	according to individual requirements
Cladding material	depending on application, e.g. sheet metal, plastic, glass, Dibond etc.
Article group	S02-032

*Standard system – we will be pleased to offer other solutions on request.*



We also offer all KANYA SAFE Solutions with manual operation.  
Article group: S02-031

## Application

The machine safety door ensures free access for loading and unloading the machine.



# Telescopic sliding door – electrical drive



## Technical data

Depth	200 mm
Aperture width	according to customer requirements
Height	according to customer requirements
Cycle times	dependent on the size
Opening and Closing force	max. clamping force 150 N max. kinetic energy 10J
Maximum speed	0,8 m/s
Safety switch	according to individual requirements
Cladding material	depending on application, e.g. sheet metal, plastic, glass, Dibond etc.
Article group	S02-042

*Standard system – we will be pleased to offer other solutions on request.*



We also offer all KANYA SAFE Solutions with manual operation.  
Article group: S02-041

## Application

The four-piece telescopic sliding door offers a wide passage and is suitable for narrow installation widths.



# SIMPLY. INGENIOUS.

MODULAR DOOR SOLUTIONS FOR  
SAFE ACCESS.

## Headquarter

KANYA AG  
Neuhofstrasse 9  
CH-8630 Rütli  
Schweiz  
Tel. +41 (0)55 251 58 58  
Fax +41 (0)55 251 58 68  
info@kanya.ch  
www.kanya.com

## Branch office

KANYA China Ltd.  
32 Hongxi Road, Suzhou  
Jiangsu 215151  
China  
Tel. +86 (0) 512 65360065  
Fax +86 (0) 512 65360906  
info@kanya.com.cn  
www.kanya.com

## Representatives

- A** Vektor Sicherheitssysteme und Automatisierung  
www.vektor.at
- B** M.A.M. Industrie S.A.  
www.mamindustrie.com
- BR** ABG Indústria e Comércio Ltda.  
www.abg.ind.br
- cz/sk** Visimpex a.s.  
www.kanya.cz
- D** August Dreckshage GmbH & Co. KG  
PLZ 1, 2, 3, 4, 5  
www.dreckshage.de
- D** KANYA Deutschland GmbH  
PLZ 0, 35, 54–56, 6, 7, 8, 9  
www.kanya-deutschland.de
- DK** JJ Mechatronic A/S  
www.jjas.dk
- F** Bernay Automation SA  
www.bernay-automation.com
- GB** Thinking Space Systems LTD  
www.kanya-uk.co.uk
- I** Meccania S.R.L.  
www.meccania.com
- IL** Conlog LTD  
www.conlog.co.il
- J** MIWA CO. LTD  
www.miwa-inc.co.jp
- NL** TEVEL Techniek bv  
www.tevel.nl
- PL** TABAL Sp. J.  
www.tabal.pl
- PL** JORDAN matcon Sp. z.o.o.  
www.jordan-matcon.pl
- RC** KANYA China Ltd.  
www.kanya.com/cn
- RC** Chongqing Holje Precision Machinery Co. Ltd
- RO** ARDACO TEHNIC METAL  
www.kanya.ro
- RU** Servotechnica  
www.servotechnica.ru
- S** EIE Maskin AB  
www.eie.se
- TN** HR-Engineering Sarl  
www.hrengineering-tn.com
- USA** A-Line Corporation  
www.aline1.com