STAINLESS STEEL (V2A)
STAINLESS STEEL (V4A)
POLYESTER RESIN
IP66

For Installation in Zone 1
⟨Ex⟩ **II 2 G EEx e II „Increased safety" protection**
Certified according to 94/9EG (ATEX)

For Installation in Zone 2
Declaration according to EN 50 021
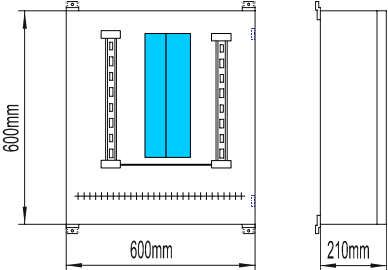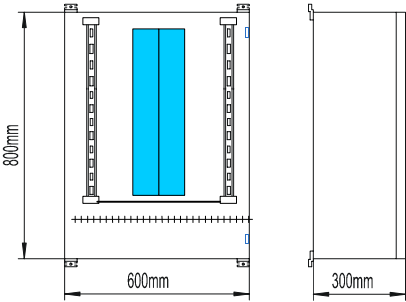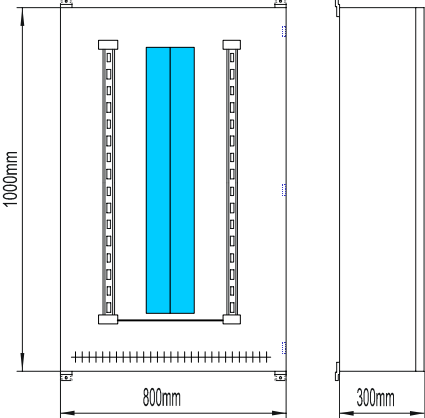
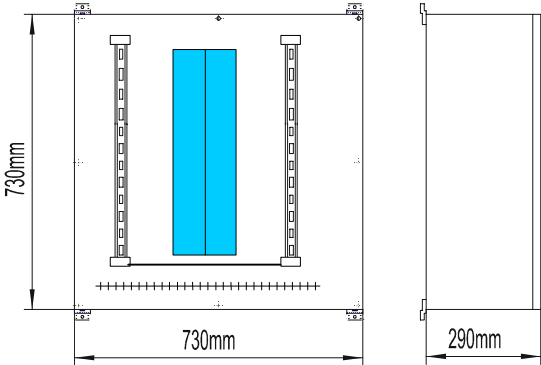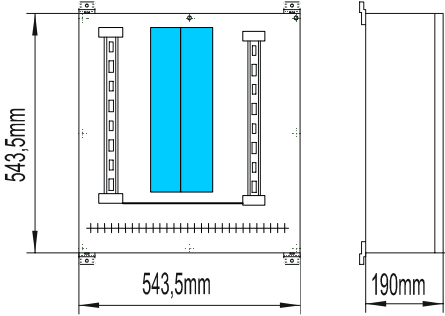|	
	Remote I/O System **Standard Enclosures for Fieldstations** • Stainless steel V2A • Stainless steel V4A • Polyester resin • Protection IP66 • Increased safety certified g: Do not open when energized 94 900 05 67 0 • Installation in Zone 1 or Zone 2
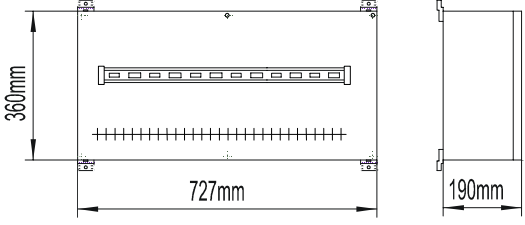
Selection table: Stainless steel V2A

Version	Material	Dimensions (mm)	Number of slots	Ordering code
for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	stainless steel 1.4301 (V2A), brushed finish	1200x800x300	Empty	**8126/-495-4**
			for 2 x 10 modules	**8126/5495-4**

including BusRail, cable ducts and Bus bar for cable screens

Note: max. 8 I/O modules are allowed for Zone 1

Max. number of cable glands

124 pcs. M20

2 pcs. M32

1 pc. M25 (option for breather)

Version	Material	Dimensions (mm)	Number of slots	Ordering code
for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	stainless steel 1.4301 (V2A), brushed finish	1000x800x300	Empty	**8126/-408-4**
			for 2 x 8 modules	**8126/5408-4**

Including BusRail, cable ducts and Bus bar for cable screens

Note: max. 8 I/O modules are allowed for Zone 1

Max. number of cable glands

124 pcs. M20

2 pcs. M32

1 pc. M25 (option for breather)

Version	Material	Dimensions (mm)	Number of slots	Ordering code
for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	stainless steel 1.4301 (V2A) brushed finish	760x760x300	Empty	**8126/-407-4**
			for 2 x 6 modules	**8126/5407-4**

Including BusRail, cable ducts and Bus bar for cable screens

Note: max. 8 I/O modules are allowed for Zone 1

Max. number of cable glands

116 pcs. M20

2 pcs. M32

1 pc. M25 (option for breather)

Selection table: Stainless steel V2A				
Version	**Material**	**Dimensions (mm)**	**Number of slots**	**Ordering code**
for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	stainless steel 1.4301 (V2A), brushed finish	760x600x210	Empty	**8126/-406-4**
			for 2 x 6 modules	**8126/5406-4**

Including BusRail, cable ducts and Bus bar for cable screens

Note: max. 8 I/O modules are allowed for Zone 1

Max. number of cable glands

70 pcs. M20

2 pcs. M32

1 pc. M25 (option for breather)

for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	stainless steel 1.4301 (V2A), brushed finish	787x480x230	Empty	**8126/-496-4**
			for 2 x 6 modules	**8126/5496-4**

Including BusRail, cable ducts and Bus bar for cable screens

Note: max. 8 I/O modules are allowed for Zone 1

Max. number of cable glands

66 pcs. M20

2 pcs. M32

1 pc. M25 (option for breather)

for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	stainless steel 1.4301 (V2A), brushed finish	600x600x210	Empty	**8126/-405-4**
			for 2 x 4 modules	**8126/5405-4**

Including BusRail, cable ducts and Bus bar for cable screens

Max. number of cable glands

70 pcs. M20

2 pcs. M32

1 pc. M25 (option for breather)

Selection table: Stainless steel V2A

Version	Material	Dimensions (mm)	Number of slots	Ordering code
for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	stainless steel 1.4301 (V2A), brushed finish	1300x360x230	Empty	**8126/-494-4**
			for 12 modules	**8126/5494-4**

Including BusRail and Bus bar for cable screens

Note: max. 8 I/O modules are allowed for Zone 1

Max. number of cable glands
153 pcs. M20
2 pcs. M32
1 pc. M25 (option for breather)

Version	Material	Dimensions (mm)	Number of slots	Ordering code
for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	stainless steel 1.4301 (V2A), brushed finish	1100x360x230	Empty	**8126/-493-4**
			for 10 modules	**8126/5493-4**

Including BusRail and Bus bar for cable screens

Note: max. 8 I/O modules are allowed for Zone 1

Max. number of cable glands
142 pcs. M20
2 pcs. M32
1 pc. M25 (option for breather)

Version	Material	Dimensions (mm)	Number of slots	Ordering code
for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	stainless steel 1.4301 (V2A), brushed finish	900x360x230	Empty	**8126/-492-4**
			for 8 modules	**8126/5492-4**

Including BusRail and Bus bar for cable screens

Max. number of cable glands
99 pcs. M20
2 pcs. M32
1 pc. M25 (option for breather)

Selection table: Stainless steel V2A				
Version	**Material**	**Dimensions (mm)**	**Number of slots**	**Ordering code**
for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	stainless steel 1.4301 (V2A), brushed finish	750x360x230	Empty	**8126/-491-4**
			for 6 modules	**8126/5491-4**

Including BusRail and Bus bar for cable screens

Max. number of cable glands
88 pcs. M20
2 pcs. M32
1 pc. M25 (option for breather)

for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	stainless steel 1.4301 (V2A), brushed finish	550x360x230	Empty	**8126/-490-4**
			for 4 modules	**8126/5490-4**

Including BusRail and Bus bar for cable screens

Max. number of cable glands
60 pcs. M20
2 pcs. M32
1 pc. M25 (option for breather)

Selection table: Polyester resin				
Version	**Material**	**Dimensions (mm)**	**Number of slots**	**Ordering code**
for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	Polyester resin, glass fibre reinforced	600x600x200	Empty	**8126/-206-3**
			for 2 x 4 modules	**8126/5206-3**

Including BusRail, cable ducts and Bus bar for cable screens

Max. number of cable glands
57 pcs. M20
2 pcs. M32
1 pc. M25 (option for breather)

for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	Polyester resin, glass fibre reinforced	800x600x300	Empty	**8126/-208-3**
			for 2 x 6 modules	**8126/5208-3**

Including BusRail, cable ducts and Bus bar for cable screens
Note: max. 8 I/O modules are allowed for Zone 1

Max. number of cable glands
109 pcs. M20
2 pcs. M32
1 pc. M25 (option for breather)

for I.S. 1 system Zone 1 or Zone 2, IP66 Cam lock	Polyester resin, glass fibre reinforced	1000x800x300	Empty	**8126/-209-3**
			for 2 x 8 modules	**8126/5209-3**

Including BusRail, cable ducts and Bus bar for cable screens
Note: max. 8 I/O modules are allowed for Zone 1

Max. number of cable glands
66 pcs. M20
2 pcs. M32
1 pc. M25 (option for breather)

Selection table: Stainless steel V4A				
Version	**Material**	**Dimensions (mm)**	**Number of slots**	**Ordering code**
for I.S. 1 system Zone 1 or Zone 2, IP66 cover fixing by screws	stainless steel 1.4571 (V4A), electro polished	730x730x290	Empty	**8125/-917-2**
			for 2 x 6 modules	**8125/8917-2**

Including BusRail, cable ducts and Bus bar for cable screens

Note: max. 8 I/O modules are allowed for Zone 1

Max. number of cable glands

157 pcs. M20

2 pcs. M32

1 pc. M25 (option for breather)

for I.S. 1 system Zone 1 or Zone 2, IP66 cover fixing by screws	stainless steel 1.4571 (V4A), electro polished	543,5x543,5x190	Empty	**8125/-585-2**
			for 2 x 4 modules	**8125/5585-2**

Including BusRail, cable ducts and Bus bar for cable screens

Max. number of cable glands

72 pcs. M20

2 pcs. M32

1 pc. M25 (option for breather)

for I.S. 1 system Zone 1 or Zone 2, IP66 cover fixing by screws	stainless steel 1.4571 (V4A), electro polished	360x727x190	Empty	**8125/-095-2**
			for 6 modules	**8125/5095-2**

Including BusRail and Bus bar for cable screens

Max. number of cable glands

104 pcs. M20

2 pcs. M32

1 pc. M25 (option for breather)

Selection table: Polyester resin				
Version	**Material**	**Dimensions (mm)**	**Number of slots**	**Ordering code**
for I.S. 1 system Zone 1 or Zone 2, IP66 cover fixing by screws	Polyester resin, glass fibre reinforced	681,5x340,5x190	Empty	**8146/-095-3**
			for 6 modules	**8146/5095-3**

340mm
681mm
190mm

Including BusRail and Bus bar for cable screens

Max. number of cable glands
55 pcs. M20
2 pcs. M32
1 pc. M25 (option for breather)

for I.S. 1 system Zone 1 or Zone 2, IP66 cover fixing by screws	Polyester resin, glass fibre reinforced	681,5x681,5x190	Empty	**8146/-000-3**
			for 4 + 6 modules	**8146/5000-3**

681mm
681mm
190mm

Including BusRail and Bus bar for cable screens
Note: max. 8 I/O modules are allowed for Zone 1

Max. number of cable glands
55 pcs. M20
2 pcs. M32
1 pc. M25 (option for breather)

Control stations 8146, 8125 and 8126

Series 8146 enclosures of glass-fibre reinforced polyester resin and series 8125 and 8126 enclosures of high grade steel are used in larger control stations and control station combinations.

They can be equipped with control, indicator, display and measuring devices according to what is ordered. Since there are so many combinations of components, there is no standardized sizing. Each 8146, 8125 and 8126 series control station is designed and built to order.

**Remote I/O System
Enclosures for Fieldstations
Customized solutions**

- Stainless steel V2A
- Stainless steel V4A
- Polyester resin
- Protection IP66
- Increased safety certified
  $\langle \text{Ex} \rangle$ II 2 G EEx e II according to 94/9/EG (ATEX)
- Installation in Zone 1 or Zone 2
- Non Ex version available

Installation of:

- Small fuse base EEx de
- Interface relay
- Isolating terminal
- Indicator lamp
- Push button
- Illuminated push button
- Heater
- Temperature controller
- Etc.

Services

- Consulting
- Engineering and project management
- Manufacturing logistics and manufacturing control
- System testing and factory acceptance test
- Documentation
- Parameterisation
- Software applications
- Commissioning support and instructions
- On-site service

Accessories	
Description	**Ordering code**
Fieldbus Isolating Repeaters	
Fieldbus Isolating Repeater, Cu, Profibus and Modbus, max 1.5 Mbit/s, installation in safe area, power: 24 V DC	9373/21-12-10
Fieldbus Isolating Repeater fibre optic, Profibus and Modbus, max 1.5 Mbit/s, installation in safe area or Zone 2, power: 24 V DC	9372/21-11-10
Fieldbus Isolating Repeater fibre optic, Profibus and Modbus, max 1.5 Mbit/s, installation in Zone 1, power: 18 V DC, 35 mA EEx i	9372/11-21-20
Repeater / Converter, Cu, RS232 < - > RS485, no Ex protection, power: 24 V DC	IRK 100
Accessories for I.S. 1 System	
Terminals plug-in, blue, screw terminals	94 900 04 67 0
Terminals plug-in, blue, spring terminals	94 900 02 67 0
Terminals plug-in, black, screw terminals	94 900 01 67 0
Terminals plug-in, black, spring terminals	94 900 03 67 0
Terminals plug-in, black, screw terminals, Warning: Do not open when energized	94 900 05 67 0
Terminals plug-in, black, spring terminals, Warning: Do not open when energized	94 900 06 67 0
Label roll for BusRail, 1 pc, for 1 BusRail "CPM", "Mod 1", "Mod 2", ... " Mod 16"	94 909 05 85 0
Sub-D plug for fieldbus (9440/15), termination resistance can be switched ON or OFF, for Zone2	315 732 0
Sub-D plug for fieldbus (9440/12), termination resistance can be switched ON or OFF, for Zone 1	94 900 01 22 0
Sub-D plug for fieldbus (9440/12), termination resistance can be switched ON or OFF, for Zone 1, mounting included	(94 900 01 22 0)
Partition, to keep Ex i and non Ex i cables at 50 mm distance	94 909 01 54 0
Hub 1/2 inch, for conduit connection of Div 1 socket	94 910 01 37 0
DIN A4 sheet for I/O module labels, 20 sheets, 6 I/O module labels per sheet; I.S. Wizard printout	94 910 01 85 0
Accessories for enclosures: cable entries etc	
Cable gland, M16 - M20, incl. drilling, mounting	8161/6
Cable gland, M32 - M40, incl. drilling, mounting	8161/5
Stopping plug for unused holes, M16 - M20	8290/3
Stopping plug for unused holes, M32 - M40	8290/3
Blind plug for unused glands, M16 - M20	8161/9..
Blind plug for unused glands, M32 - M40	8161/9..
Drilling of hole for cable gland	
Breather, M25	8162/1-25-1
Accessories for enclosures: tag plates	
TAG plate, 40 x 70 mm, for printed reference no. specification, resopal	
TAG plate, 40 x 70 mm, for printed reference no. specification, stainless steel	
Accessories for enclosures: terminals, fuses	
Shield terminal, KLBÜ	KLBÜ
Terminal, UK5N	518 367 0
Terminal, UK16N	518 915 0
Shield terminal, USLKG5	518 9580
Shield terminal USLKG16N, USLKG16N	518 914 0
Double line up terminal, UXKK4	518 378 0
Small fuse base, 0,5A – 6,3A, EEx de, installation in Zone 1 or Zone 2	8560/51-..

Accessories for enclosures: EEx de protected components	
Decoupling diodes for redundant power supply, max 10 A, EEx de enclosure, installation in Zone 1	8510/141-09-S58
Power supply for 1 single CPU & Power Module, 230 V AC / 24 V DC, 3 A, EEx de enclosure, installation in Zone 1	8510/122-09-S68
Power supply (type 9381/10-187-050-10) for Fieldbus Isol. Repeater fibre optic, type 9372/11, 24 V DC / 18 V, 35 mA EExi, EEx de enclosure, installation in Zone 1	8510/122-09-S27
Interface relay EEx e < - > EEx i, EEx de i, installation in Zone 1 or Zone 2	07-7311-937./V500
Isolating terminal, EEx de, installation in Zone 1	8082/1-1-01
Accessories for enclosures: EEx i indicator, push-button	
Indicator lamp, EEx i	BG 054/064
Push button, with gold plated contact, EEx i	BG 001/022
Illuminated push button, with gold plated contact, EEx i	8082/8010
Accessories for enclosures: heater	
Heater, CreX 050, EEx d	463 735 0
Temperature controller , ReX015, EEx d	463 744 0
Accessories: cables	
Profibus cable, blue, for EEx i, indoor	300 777 9
Profibus cable, purple, for non EEx i, indoor	300 778 9
Profibus cable, black, for EEx i, outdoor	300 784 9
Various cables, e.g. fibre optic	on request