EASILY CONSTRUCTED
SAFETY FENCE SYSTEM
Safety standard requirements have never been as demanding as today. National and international standards have to be considered. Quickly changing production requirements and continuous upgrades and adaptations require a flexible and time-saving Safety Fence System.

Order completely pre-assembled components that are easily and quickly installed. Nothing is so simple and safe as the Safety Fence System from Robotunits.

**Turn-key offer**
- Included in the price and delivery: ready-to-insert, completely assembled elements (including safety fence foot and connectors between elements)
- modular safety fence system with flat and door panels
- standard widths from 518 mm to 1507 mm or special-width panels
- standard height 2200 mm or special height panels

**Ready to install**
- easy installation of fully assembled panels
- minimum installation time

**One Mesh Clip, many functions**
- impact rated up to 80 kg at 10 km/h
- small number of parts
- visually appealing design

**High flexibility**
- quick installation of all panels
- panels can be easily removed to gain access to machine area
- adjustable to any angle

**Easy installation**
- only one person required for setup
- only one Allen wrench size needed
- reusable components

**Fully integrated Safety Fence System**
- uniform slot size and shape
- completely compatible with entire Modular Automation System
- quick and easy attachment of accessories
- use of standard screws and standard panels

**Save time, cut cost**
- no additional design expenses
- simple panel selection
- efficient one-person installation
- simple adjustment and setup on-site
- just one order code for the complete safety fence panels
- easy attachment of accessories (safety switches, etc.)

**Safety**
- complete documentation
- meets European Machinery Safety Standards and the latest automotive industry specifications
Easily constructed **Safety Fence System**

### Basic System  
**Page 96**

<table>
<thead>
<tr>
<th>Panel Type</th>
<th>Model</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Panel</td>
<td>SBE ___</td>
<td>P. 98</td>
</tr>
<tr>
<td>Basic Single Door</td>
<td>SBS 1044</td>
<td>P. 100</td>
</tr>
<tr>
<td>Basic Double Door</td>
<td>SBD 2083</td>
<td>P. 101</td>
</tr>
<tr>
<td>Basic Sliding Door</td>
<td>SBF 0872</td>
<td>P. 102</td>
</tr>
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</table>

### Allround System  
**Page 104**

<table>
<thead>
<tr>
<th>Panel Type</th>
<th>Model</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allround Panel</td>
<td>SAE ___</td>
<td>P. 106</td>
</tr>
<tr>
<td>Allround Post</td>
<td>SAP 4180</td>
<td>P. 108</td>
</tr>
<tr>
<td>Allround Single Door</td>
<td>SAS 1044</td>
<td>P. 109</td>
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<tr>
<td>Allround Double Door</td>
<td>SAD 2083</td>
<td>P. 110</td>
</tr>
<tr>
<td>Allround Sliding Door</td>
<td>SAF 0872</td>
<td>P. 111</td>
</tr>
</tbody>
</table>

### Safety Fence Accessory Overview  
**Page 136**

### Safety Distances for Safety Systems  
**Page 199**
Basic System

The Basic system is the “classic” among Robotunits safety fence systems. Easy to use and low in price. Ideal for standard applications in machine design and in production automation. The Basic system is capable of stopping up to 80 kg at 10 km/h.

How does the Basic system work?
With the Basic system, the Basic panels (B) or Basic doors (D) are lined up and then directly connected with one another using Safety Fence Fasteners.

Basic System Overview

Panel Options

Weld Mesh with Weld Mesh Clip

Polycarbonate with Panel Profile

Basic Panel

Basic Doors

Single Door

Double Door

Sliding Door
Basic System Dimensions

1. Basic System Dimensions

2. Basic System Dimensions

3. Basic System Dimensions

- **Ground clearance**: 179
- **Panel height**: 2200
- **Inside height**: 2160
- **Inside width**: 1044
- **Door gap**: 5

**Dimensions Diagram**

- **Dimensions**
  - 11 (0 - 20 possible)
  - 40

**Illustrations**

- Illustration of the basic system dimensions
- Illustration of panel height
- Illustration of inside height and width
- Illustration of door gap

**Annotations**

- Annotations for understanding the dimensions and configurations

**Markings**

- Markings for identifying different parts of the system

**Measurements**

- Measurements for accuracy and precision

**Design Elements**

- Design elements for visual representation

**Assembly**

- Assembly details for the system

**Technical Specifications**

- Technical specifications for the basic system dimensions
**Application**
For general safety fencing

**Technical Data**
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable from - 20 / + 5 mm

**Scope of Delivery**
Completely pre-assembled, consisting of:
- 2 Post Extrusions 40 x 40 PIL 4140
- 2 Horizontal Extrusions 40 x 40 PIL 4140
- 4 Fasteners FAS 4043, conductive
- 1 Safety Fence Fastener TIN 4511
- 2 End Caps CAP 4041
- 2 Safety Fence Floor Brackets BAP 2051

Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
- Polycarbonate with Panel Profile

**Panel Options:**
Weld Mesh or 4 mm thick Polycarbonate

**Design tip:**
Standard widths offer an outstanding price/performance ratio and quick delivery.

**Order Code**

<table>
<thead>
<tr>
<th>Description</th>
<th>Panel Width</th>
<th>Panel Option</th>
<th>Order Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Panel Standard Width</td>
<td>0518</td>
<td>Weld Mesh</td>
<td>SBE 0518 SNA 2200</td>
<td>11.797 kg</td>
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<tr>
<td>Basic Panel Standard Width</td>
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<td>SBE 0776 SNA 2200</td>
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<tr>
<td>Basic Panel Standard Width</td>
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<td>Polycarbonate</td>
<td>SBE 0518 PNA 2200</td>
<td>12.993 kg</td>
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<tr>
<td>Basic Panel Standard Width</td>
<td>0776</td>
<td>Polycarbonate</td>
<td>SBE 0776 PNA 2200</td>
<td>16.120 kg</td>
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<tr>
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<td>1034</td>
<td>Polycarbonate</td>
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<tr>
<td>Basic Panel Standard Width</td>
<td>1507</td>
<td>Polycarbonate</td>
<td>SBE 1507 PNA 2200</td>
<td>24.977 kg</td>
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Drawing dimensions in mm
**Application**

For general safety fencing

**Technical Data**

Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable from -20 / +5 mm

**Scope of Delivery**

Completely pre-assembled, consisting of:

- 2 Post Extrusions 40 x 40 PIL 4140
- 2 Horizontal Extrusions 40 x 40 PIL 4140
- 4 Fasteners FAS 4043, conductive
- 1 Safety Fence Fastener TIN 4511
- 2 End Caps CAP 4041
- 2 Safety Fence Floor Brackets BAP 2051

Panel option according to the order code:

- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
- Polycarbonate with Panel Profile

**Panel Options:**

Weld Mesh or 4 mm thick Polycarbonate

**Note for Polycarbonate panel option:**

Any special widths from 152 mm to 1506 are available.

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**Order Code**

<table>
<thead>
<tr>
<th>Description</th>
<th>Panel Width</th>
<th>Panel Option</th>
<th>Order Code</th>
<th>Weight</th>
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<tbody>
<tr>
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<td>Weld Mesh</td>
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<td>Weld Mesh</td>
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<tr>
<td>Basic Panel Special Width</td>
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<tr>
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<td>Weld Mesh</td>
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<tr>
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<td>Weld Mesh</td>
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<tr>
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<td>Weld Mesh</td>
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<td>1163</td>
<td>Weld Mesh</td>
<td>SBE 1163 SNA 2200</td>
<td>18.832 kg</td>
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<tr>
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<td>Weld Mesh</td>
<td>SBE 1206 SNA 2200</td>
<td>19.301 kg</td>
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<tr>
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<td>1249</td>
<td>Weld Mesh</td>
<td>SBE 1249 SNA 2200</td>
<td>19.770 kg</td>
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<tr>
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<td>Weld Mesh</td>
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<td>20.239 kg</td>
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<tr>
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<td>Weld Mesh</td>
<td>SBE 1335 SNA 2200</td>
<td>20.708 kg</td>
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<tr>
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<td>Weld Mesh</td>
<td>SBE 1378 SNA 2200</td>
<td>21.177 kg</td>
</tr>
<tr>
<td>Basic Panel Special Width</td>
<td>1421</td>
<td>Weld Mesh</td>
<td>SBE 1421 SNA 2200</td>
<td>21.646 kg</td>
</tr>
<tr>
<td>Basic Panel Special Width</td>
<td>1464</td>
<td>Weld Mesh</td>
<td>SBE 1464 SNA 2200</td>
<td>22.115 kg</td>
</tr>
</tbody>
</table>
Application
For general safety fencing

Technical Data
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable from -20 / +5 mm

Scope of Delivery
Completely pre-assembled, consisting of:
• 2 Post Extrusions 40 x 80 PIL 4180
• 1 Horizontal Extrusion 40 x 40 PIL 4140
• 4 Door Panel Extrusions 40 x 40 PIL 4140
• 6 Fasteners FAS 4043, conductive
• 1 Safety Fence Fastener TIN 4511
• 4 End Caps CAP 4041
• 2 End Caps CAP 4081
• 4 Safety Fence Floor Brackets BAP 2051
• 1 Handle DOR 4501
• 3 Hinges DOR 4511
• 1 Door Catch DOR 4553
• 1 Door Stop DOR 4555
Panel option according to the order code:
• Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
• Polycarbonate with Panel Profile

Design tip:
Safety fence door elements may need to be additionally grounded.

Order Code

<table>
<thead>
<tr>
<th>Description</th>
<th>Hinge Position</th>
<th>Panel Option</th>
<th>Order Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Single Door</td>
<td>Left</td>
<td>Weld Mesh</td>
<td>SBS 1044 SLA 2160</td>
<td>29.974 kg</td>
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<tr>
<td>Basic Single Door</td>
<td>Right</td>
<td>Weld Mesh</td>
<td>SBS 1044 SRA 2160</td>
<td>29.974 kg</td>
</tr>
<tr>
<td>Basic Single Door</td>
<td>Left</td>
<td>Polycarbonate</td>
<td>SBS 1044 PLA 2160</td>
<td>31.795 kg</td>
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<tr>
<td>Basic Single Door</td>
<td>Right</td>
<td>Polycarbonate</td>
<td>SBS 1044 PRA 2160</td>
<td>31.795 kg</td>
</tr>
</tbody>
</table>

Drawing dimensions in mm
Application
For general safety fencing

Technical Data
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable from -20 / +5 mm

Scope of Delivery
Completely pre-assembled, consisting of:
• 2 Post Extrusions 40 x 80 PIL 4180
• 1 Horizontal Extrusion 40 x 40 PIL 4140
• 8 Door Panel Extrusions 40 x 40 PIL 4140
• 10 Fasteners FAS 4043, conductive
• 1 Safety Fence Fastener TIN 4511
• 7 End Caps CAP 4041
• 2 End Caps CAP 4081
• 4 Safety Fence Floor Brackets BAP 2051
• 1 Handle DOR 4501
• 6 Hinges DOR 4511
• 1 Door Catch DOR 4553
• 1 Door Stop DOR 4555
• 1 Floor Catch DOR 4561
Panel option according to the order code:
• Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
• Polycarbonate with Panel Profile

Design tip:
Safety fence door elements may need to be additionally grounded.

Order Code

<table>
<thead>
<tr>
<th>Description</th>
<th>Hinge Position</th>
<th>Panel Option</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Double Door</td>
<td>Left</td>
<td>Weld Mesh</td>
<td>SBD 2083 SLA 2160 48.098 kg</td>
</tr>
<tr>
<td>Basic Double Door</td>
<td>Right</td>
<td>Weld Mesh</td>
<td>SBD 2083 SRA 2160 48.098 kg</td>
</tr>
<tr>
<td>Basic Double Door</td>
<td>Left</td>
<td>Polycarbonate</td>
<td>SBD 2083 PLA 2160 51.739 kg</td>
</tr>
<tr>
<td>Basic Double Door</td>
<td>Right</td>
<td>Polycarbonate</td>
<td>SBD 2083 PRA 2160 51.739 kg</td>
</tr>
</tbody>
</table>

Drawing dimensions in mm
Application
For general safety fencing

Technical Data
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable from - 20 / + 5 mm

Scope of Delivery
Completely pre-assembled, consisting of:
- 2 Post Extrusions 40 x 80 PIL 4180
- 1 Horizontal Extrusion 40 x 40 PIL 4140
- 4 Sliding Door Extrusions 40 x 40 PIL 4140
- 3 Fixed Panel Extrusions 40 x 40 PIL 4140
- 10 Fasteners FAS 4043, conductive
- 1 Fastener FAS 4083
- 1 Safety Fence Fastener TIN 4511
- 9 End Caps CAP 4041
- 5 Safety Fence Floor Brackets BAP 2051
- 2 Roller Sets DOR 4031
- 2 Sliding Door Stops DOR 4032
- 1 Aluminum Guiderail DOL 4034
- 1 Handle DOR 4501
- 2 Centering Guides DOR 4571
- 2 Sliders DOR 4573

Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
- Polycarbonate with Panel Profile

Rubber stop
Rubber stop with retention spring

Design tip:
Safety fence door elements may need to be additionally grounded.

Order Code

<table>
<thead>
<tr>
<th>Description</th>
<th>Door Opening</th>
<th>Panel Option</th>
<th>Order Code</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>Basic Sliding Door</td>
<td>Left</td>
<td>Weld Mesh</td>
<td>SBF 0872 SLA 2120</td>
<td>46.060 kg</td>
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<tr>
<td>Basic Sliding Door</td>
<td>Right</td>
<td>Weld Mesh</td>
<td>SBF 0872 SRA 2120</td>
<td>46.060 kg</td>
</tr>
<tr>
<td>Basic Sliding Door</td>
<td>Left</td>
<td>Polycarbonate</td>
<td>SBF 0872 PLA 2120</td>
<td>50.202 kg</td>
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<tr>
<td>Basic Sliding Door</td>
<td>Right</td>
<td>Polycarbonate</td>
<td>SBF 0872 PRA 2120</td>
<td>50.202 kg</td>
</tr>
</tbody>
</table>

Drawing dimensions in mm
Safety Fence Application Examples
Allround System

The Allround system offers high flexibility. Panels can be attached and removed from the pre-assembled posts. This allows for easy access to the safety area without disconnecting any accessories attached to the posts, e.g. air hoses, safety equipment etc.

The Allround system is capable of stopping up to 80 kg at 10 km/h.

How does the Allround system work?
In the Allround System, Allround panels (A) are fitted and bolted to the pre-assembled posts (P).

Allround System Overview

Panel Options

Weld Mesh with Weld Mesh Clip

Polycarbonate with Panel Profile

Allround Panel and Post

Allround Doors

Single Door

Double Door

Sliding Door
Application
For general safety fencing in combination with Allround posts

Technical Data
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame

Scope of Delivery
Completely pre-assembled, consisting of:
• 4 Extrusions 40x40 PIL 4140
• 4 Fasteners FAS 4043, conductive
• 2 Bolts SSP 4900
Panel option according to the order code:
• Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
• Polycarbonate with Panel Profile

Panel Options:
Weld Mesh or 4 mm thick Polycarbonate

Design tip:
Standard widths offer an outstanding price/performance ratio and quick delivery.

Order Code

<table>
<thead>
<tr>
<th>Description</th>
<th>Panel Width</th>
<th>Panel Option</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allround Panel Standard Width</td>
<td>0518</td>
<td>Weld Mesh</td>
<td>SAE 0518 SNN 2021</td>
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<tr>
<td>Allround Panel Standard Width</td>
<td>0776</td>
<td>Weld Mesh</td>
<td>SAE 0776 SNN 2021</td>
</tr>
<tr>
<td>Allround Panel Standard Width</td>
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<td>Weld Mesh</td>
<td>SAE 1034 SNN 2021</td>
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<td>Allround Panel Standard Width</td>
<td>1507</td>
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<td>SAE 0518 PNN 2021</td>
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Drawing dimensions in mm
**Application**
For general safety fencing in combination with Allround posts

**Technical Data**
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, Weld Mesh or Polycarbonate; conductive Weld Mesh and frame

**Scope of Delivery**
Completely pre-assembled, consisting of:
- 4 Extrusions 40x40 PIL 4140
- 4 Fasteners FAS 4043, conductive
- 2 Bolts SSP 4900

Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
- Polycarbonate with Panel Profile

**Note for Polycarbonate panel option:**
Any special widths from 152 mm to 1506 are available for 4 mm thick Polycarbonate panel option

---

**Order Code**

<table>
<thead>
<tr>
<th>Description</th>
<th>Panel Width</th>
<th>Panel Option</th>
<th>Order Code</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
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<td>0389</td>
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<td>0862</td>
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<td>SAE 0905 SNN 2021</td>
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<tr>
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<td>SAE 0991 SNN 2021</td>
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<td>SAE 1077 SNN 2021</td>
<td>16.130 kg</td>
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<tr>
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<td>Weld Mesh</td>
<td>SAE 1120 SNN 2021</td>
<td>16.599 kg</td>
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<tr>
<td>Allround Panel Special Width</td>
<td>1163</td>
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<td>SAE 1163 SNN 2021</td>
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<tr>
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<td>1292</td>
<td>Weld Mesh</td>
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<tr>
<td>Allround Panel Special Width</td>
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<tr>
<td>Allround Panel Special Width</td>
<td>1378</td>
<td>Weld Mesh</td>
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<td>19.413 kg</td>
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<tr>
<td>Allround Panel Special Width</td>
<td>1421</td>
<td>Weld Mesh</td>
<td>SAE 1421 SNN 2021</td>
<td>19.882 kg</td>
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<tr>
<td>Allround Panel Special Width</td>
<td>1464</td>
<td>Weld Mesh</td>
<td>SAE 1464 SNN 2021</td>
<td>20.351 kg</td>
</tr>
</tbody>
</table>

Drawing dimensions in mm
Allround Post

Application
Posts for Safety Fence Components

Technical Data
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite, conductive, Safety Fence Floor Bracket height adjustable 20 - 5 mm with Screw Retainer

Scope of Delivery
Completely pre-assembled, consisting of:
• 1 Post Extrusion 40 x 80 PIL 4180
• 90° Safety Fence Fastener TIN 4521
  as per attachment option
• 1 End Cap CAP 4081
• 2 Safety Fence Floor Brackets BAP 2051
• Screw Retainer SSP 5500
  as per attachment option

Safety Fence Fastener Attachment Options

Order Code

<table>
<thead>
<tr>
<th>Description</th>
<th>Extrusion</th>
<th>Attachment Option</th>
<th>Order Code</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>Allround Post</td>
<td>40 x 80</td>
<td>Type A</td>
<td>SAP 4180 ANA 2200</td>
<td>6.467 kg</td>
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<tr>
<td>Allround Post</td>
<td>40 x 80</td>
<td>Type B</td>
<td>SAP 4180 BNA 2200</td>
<td>6.187 kg</td>
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<tr>
<td>Allround Post</td>
<td>40 x 80</td>
<td>Type C</td>
<td>SAP 4180 CNA 2200</td>
<td>6.187 kg</td>
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<tr>
<td>Allround Post</td>
<td>40 x 80</td>
<td>Type D</td>
<td>SAP 4180 DNA 2200</td>
<td>6.467 kg</td>
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<tr>
<td>Allround Post</td>
<td>40 x 80</td>
<td>Type E</td>
<td>SAP 4180 ENA 2200</td>
<td>6.467 kg</td>
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<tr>
<td>Allround Post</td>
<td>40 x 80</td>
<td>Type F</td>
<td>SAP 4180 FNA 2200</td>
<td>6.747 kg</td>
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<tr>
<td>Allround Post</td>
<td>40 x 80</td>
<td>Type G</td>
<td>SAP 4180 GNA 2200</td>
<td>7.027 kg</td>
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</tbody>
</table>

Drawing dimensions in mm
Application
For general safety fencing

Technical Data
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable - 20 / + 5 mm, with Screw Retainer

Scope of Delivery
Completely pre-assembled, consisting of:
- 2 Post Extrusions 40 x 80 PIL 4180
- 1 Horizontal Extrusion 40 x 40 PIL 4140
- 4 Door Panel Extrusions 40 x 40 PIL 4140
- 6 Fasteners FAS 4043, conductive
- 4 90° Safety Fence Fasteners TIN 4521
- 4 End Caps CAP 4041
- 2 End Caps CAP 4081
- 4 Safety Fence Floor Brackets BAP 2051
- 1 Handle DOR 4501
- 3 Hinges DOR 4511
- 1 Door Catch DOR 4553
- 1 Door Stop DOR 4555
- 2 Screw Retainers SSP 5500
Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
- Polycarbonate with Panel Profile

Order Code

<table>
<thead>
<tr>
<th>Description</th>
<th>Panel Option</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Allround Single Door Left</td>
<td>Weld Mesh</td>
<td>SAS 1044 SLA 2160 30.381 kg</td>
</tr>
<tr>
<td>Allround Single Door Right</td>
<td>Weld Mesh</td>
<td>SAS 1044 SRA 2160 30.381 kg</td>
</tr>
<tr>
<td>Allround Single Door Left</td>
<td>Polycarbonate</td>
<td>SAS 1044 PLA 2160 32.202 kg</td>
</tr>
<tr>
<td>Allround Single Door Right</td>
<td>Polycarbonate</td>
<td>SAS 1044 PRA 2160 32.202 kg</td>
</tr>
</tbody>
</table>

Design tip:
Safety fence door elements may need to be additionally grounded.

Drawing dimensions in mm
Application
For general safety fencing

Technical Data
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable - 20 / + 5 mm, with Screw Retainer

Scope of Delivery
Completely pre-assembled, consisting of:
• 2 Post Extrusions 40 x 80 PIL 4180
• 1 Horizontal Extrusion 40 x 40 PIL 4140
• 8 Door Panel Extrusions 40 x 40 PIL 4140
• 10 Fasteners FAS 4043, conductive
• 4 90° Safety Fence Fasteners TIN 4521
• 7 End Caps CAP 4041
• 2 End Caps CAP 4081
• 4 Safety Fence Floor Brackets BAP 2051
• 1 Handle DOR 4501
• 6 Hinges DOR 4511
• 1 Door Catch DOR 4553
• 1 Door Stop DOR 4555
• 1 Floor Catch DOR 4561
• 2 Screw Retainers SSP 5500
Panel option according to the order code:
• Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
• Polycarbonate with Panel Profile

Design tip:
Safety fence door elements may need to be additionally grounded.

Order Code

<table>
<thead>
<tr>
<th>Description</th>
<th>Hinge Position</th>
<th>Panel Option</th>
<th>Order Code</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Allround Double Door</td>
<td>Left</td>
<td>Weld Mesh</td>
<td>SAD 2083 SLA 2160</td>
<td>48.505 kg</td>
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<tr>
<td>Allround Double Door</td>
<td>Right</td>
<td>Weld Mesh</td>
<td>SAD 2083 SRA 2160</td>
<td>48.505 kg</td>
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<tr>
<td>Allround Double Door</td>
<td>Left</td>
<td>Polycarbonate</td>
<td>SAD 2083 PLA 2160</td>
<td>52.146 kg</td>
</tr>
<tr>
<td>Allround Double Door</td>
<td>Right</td>
<td>Polycarbonate</td>
<td>SAD 2083 PRA 2160</td>
<td>52.146 kg</td>
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</tbody>
</table>

Drawing dimensions in mm
**Application**
For general safety fencing

**Technical Data**
Material: EN AW-6063-T66 clear anodized aluminum; galvanized steel, powder-coated, chrome silver steel; black ABS V0 composite; Weld Mesh or Polycarbonate; conductive Weld Mesh and frame; Safety Fence Floor Bracket height adjustable - 20 / + 5 mm, with Screw Retainer

**Scope of Delivery**
Completely pre-assembled, consisting of:
- 2 Post Extrusions 40 x 80 PIL 4180
- 1 Horizontal Extrusion 40 x 40 PIL 4140
- 4 Sliding Door Extrusions 40 x 40 PIL 4140
- 3 Fixed Panel Extrusions 40 x 40 PIL 4140
- 10 Fasteners FAS 4043, conductive
- 1 Fastener FAS 4083
- 4 90° Safety Fence Fasteners TIN 4521
- 9 End Caps CAP 4041
- 5 Safety Fence Floor Brackets BAP 2051
- 2 Roller Sets DOR 4031
- 2 Sliding Door Stops DOR 4032
- 1 Aluminum Guiderail DOL 4034
- 1 Handle DOR 4501
- 2 Centering Guides DOR 4571
- 2 Sliders DOR 4573
- 2 Screw Retainers SSP 5500

Panel option according to the order code:
- Weld Mesh with Weld Mesh Clip and Safety Fence Mesh Retainer
- Polycarbonate with Panel Profile

**Order Code**

<table>
<thead>
<tr>
<th>Description</th>
<th>Door Opening</th>
<th>Panel Option</th>
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<th>Weight</th>
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<tbody>
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<td>Left</td>
<td>Weld Mesh</td>
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<tr>
<td>Allround Sliding Door</td>
<td>Right</td>
<td>Weld Mesh</td>
<td>SAF 0872 SRA 2120</td>
<td>46.452 kg</td>
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<tr>
<td>Allround Sliding Door</td>
<td>Left</td>
<td>Polycarbonate</td>
<td>SAF 0872 PLA 2120</td>
<td>50.593 kg</td>
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<tr>
<td>Allround Sliding Door</td>
<td>Right</td>
<td>Polycarbonate</td>
<td>SAF 0872 PRA 2120</td>
<td>50.593 kg</td>
</tr>
</tbody>
</table>

Design tip:
Safety fence door elements may need to be additionally grounded.

Drawing dimensions in mm