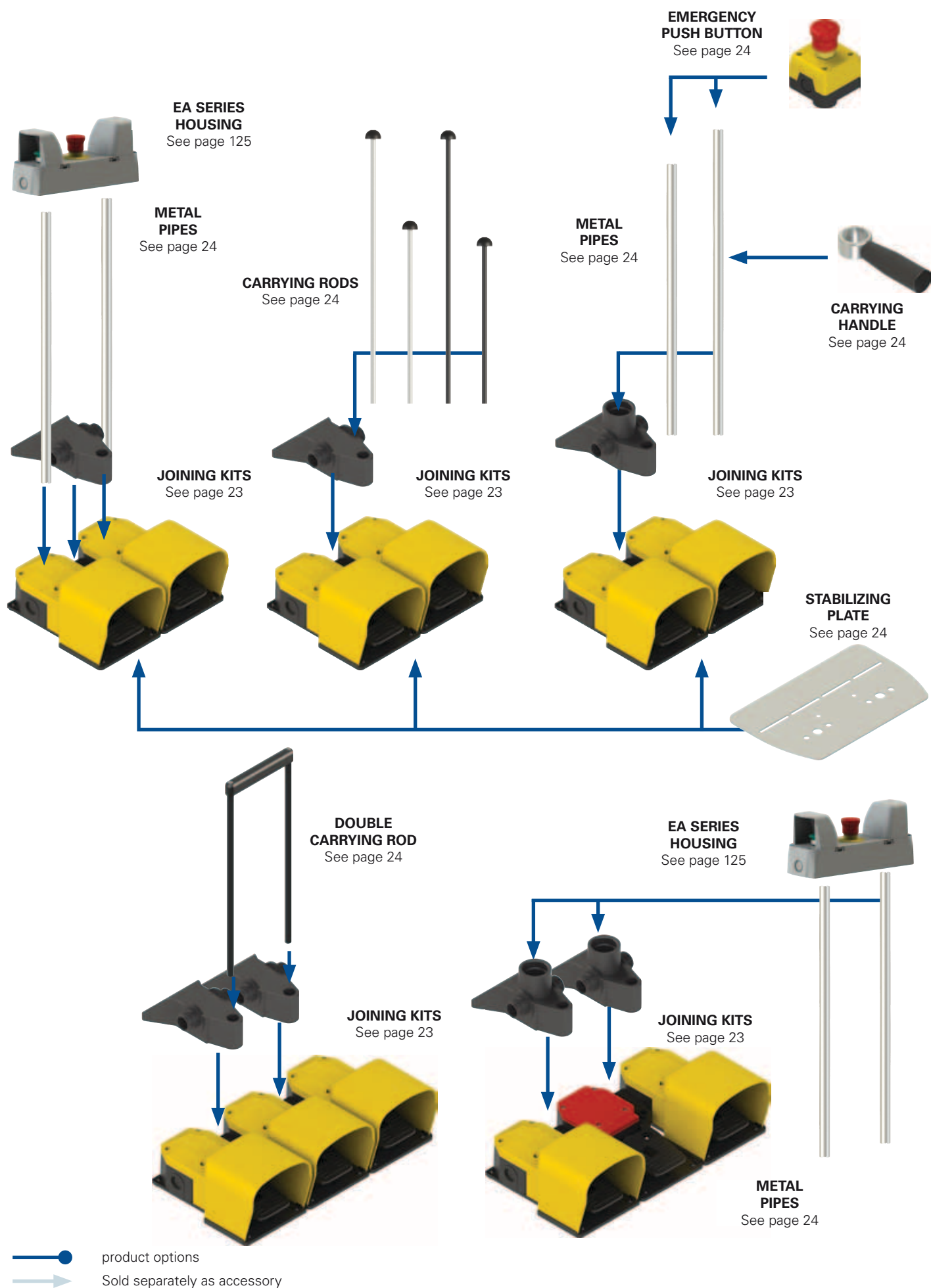


## Selection diagram





## Combinations of existing double foot switches

If you wish to purchase modular foot switches already assembled or with a single order code, please contact our sales department. Before contacting our offices, please look at the following table where some already assigned multiple foot switch combinations are listed.

| Code     | Left foot switch | Joining element | Right foot switch | Additional sets                       |
|----------|------------------|-----------------|-------------------|---------------------------------------|
| PC 2-101 | PX 10110-M2      | VF KIT20        | PX 10110-M2       | VF KIT21                              |
| PC 2-102 | PX 10111-M2      | VF KIT20        | PX 10111-M2       |                                       |
| PC 2-103 | PX 20110-M2      | VF KIT20        | PX 10210-M2       | VF KIT21                              |
| PC 2-104 | PX 20110-M2      | VF KIT20        | PX 10110-M2       | VF KIT21                              |
| PC 2-105 | PX 10110-M2      | VF KIT20        | PX 20110-M2       | VF KIT21                              |
| PC 2-106 | PX 10120-M2      | VF KIT20        | PX 10110-M2       | VF KIT21                              |
| PC 2-107 | PX 10310-M2      | VF KIT20        | PX 10310-M2       | VF KIT21                              |
| PC 2-108 | PX 10410-M2      | VF KIT20        | PX 10410-M2       | VF KIT21                              |
| PC 2-109 | PX 10210-M2      | VF KIT20        | PX 10210-M2       | VF KIT21                              |
| PC 2-110 | PX 10301-M2      | VF KIT20        | PX 10301-M2       |                                       |
| PC 2-111 | PX 10100-M2      | VF KIT20        | PX 10100-M2       |                                       |
| PC 2-112 | PX 10111-M2      | VF KIT20        | PX 10111-M2       | VF KIT21                              |
| PC 2-113 | PX 10120-M2      | VF KIT20        | PX 10120-M2       | VF KIT21                              |
| PC 2-114 | PX 10411-M2      | VF KIT20        | PX 10411-M2       | VF KIT21                              |
| PC 2-115 | PX 10211-M2      | VF KIT20        | PX 10201-M2       |                                       |
| PC 2-116 | PX 10211-M2      | VF KIT20        | PX 10211-M2       | VF KIT21                              |
| PC 2-117 | PX 10100-M2      | VF KIT20        | PX 10210-M2       | VF KIT21                              |
| PC 2-118 | PA 20100-M2      | VF KIT20        | PX 10110-M2       | VF KIT21                              |
| PC 2-119 | PA 20101-M2      | VF KIT20        | PX 10111-M2       | VF KIT21                              |
| PC 2-120 | PA 20300-M2      | VF KIT20        | PX 10310-M2       | VF KIT21                              |
| PC 2-121 | PA 20120-M2      | VF KIT20        | PX 10110-M2       | VF KIT21                              |
| PC 2-122 | PA 20121-M2      | VF KIT20        | PX 10111-M2       | VF KIT21                              |
| PC 2-123 | PA 20200-M2      | VF KIT20        | PX 10810-M2       | VF KIT21                              |
| PC 2-124 | PA 20100-M2      | VF KIT20        | PX 10210-M2       | VF KIT21                              |
| PC 2-125 | PA 20100-M2      | VF KIT20        | PX 10100-M2       | VF KIT21                              |
| PC 2-126 | PA 20100-M2      | VF KIT20        | PA 20100-M2       | VF KIT21                              |
| PC 2-127 | PA 20400-M2      | VF KIT20        | PA 20400-M2       | VF KIT21                              |
| PC 2-128 | PX 10110-M2      | VF KIT30        | PX 10110-M2       |                                       |
| PC 2-129 | PA 20100-M2      | VF KIT30        | PX 10110-M2       |                                       |
| PC 2-130 | PX 10111-M2      | VF KIT30        | PX 10111-M2       |                                       |
| PC 2-131 | PX 10110-BM2     | VF KIT20        | PX 10110-BM2      |                                       |
| PC 2-132 | PX 10111-M2      | VF KIT30        | PX 10111-M2       | VF KIT29+ VF KIT32+VF KIT50           |
| PC 2-133 | PX 20210-M2      | VF KIT20        | PX 20210-M2       |                                       |
| PC 2-134 | PX 20410-M2      | VF KIT20        | PX 20410-M2       |                                       |
| PC 2-35  | PX 20211-M2      | VF KIT20        | PX 20211-M2       |                                       |
| PC 2-137 | PX 10421-M2      | VF KIT20        | PX 10401-M2       |                                       |
| PC 2-138 | PX 10210-M2      | VF KIT20        | PX 20210-M2       | VF KIT21                              |
| PC 2-139 | PX 40220-M2      | VF KIT20        | PX 40200-M2       |                                       |
| PC 2-40  | PA 20100-M2      | VF KIT20        | PX 10110-M2       | VF KIT22                              |
| PC 2-141 | PX 10110-M2      | VF KIT20        | PA 20100-M2       |                                       |
| PC 2-142 | PX 10111-M2      | VF KIT30        | PX 10111-M2       | VF KIT31+ VF KIT32                    |
| PC 2-143 | PX 10100-M2      | VF KIT30        | PX 10210-M2       | VF KIT31+ VF KIT33                    |
| PC 2-144 | PX 10810-M2      | VF KIT30        | PX 10110-M2       | VF KIT31+ VF KIT32                    |
| PC 2-145 | PX 40100-M2      | VF KIT30        | PX 40100-M2       | VF KIT31+ VF KIT33                    |
| PC 2-146 | PA 20100-M2      | VF KIT30        | PX 10110-M2       | VF KIT31+ VF KIT36                    |
| PC 2-147 | PX 10110-M2      | VF KIT30        | PX 12040-M2       | VF KIT31+ VF KIT34                    |
| PC 2-148 | PX 10110-M2      | VF KIT20        | PX 10110-M2       | VF KIT21 + VF KIT61                   |
| PC 2-149 | PX 10111-M2      | VF KIT30        | PX 10111-M2       | VF KIT29+ VF KIT32+VF KIT50+ VF KIT61 |
| PC 2-150 | PX 40310-M2      | VF KIT30        | PA 20300-M2       | VF KIT29+ VF KIT32                    |

## Combinations of existing triple foot switches

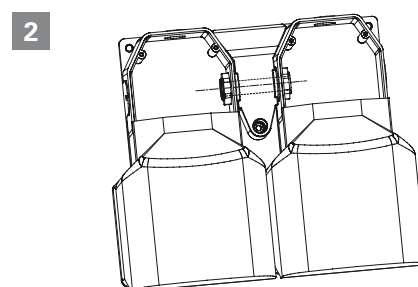
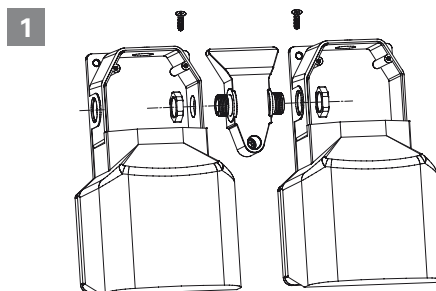
| Code    | Left foot switch | Joining element | Central foot switch | Joining element | Right foot switch | Additional sets              |
|---------|------------------|-----------------|---------------------|-----------------|-------------------|------------------------------|
| PC 3-11 | PX 10110-M2      | VF KIT20        | PA 20100-M2         | VF KIT20        | PX 10110-M2       |                              |
| PC 3-12 | PX 10100-M2      | VF KIT20        | PX 10100-M2         | VF KIT20        | PX 10100-M2       |                              |
| PC 3-13 | PX 10110-M2      | VF KIT20        | PA 20100-M2         | VF KIT20        | PX 10110-M2       | VF KIT40                     |
| PC 3-14 | PX 10110-M2      | VF KIT30        | PX 10110-M2         | VF KIT30        | PX 10110-M2       | 2x VF KIT31 +<br>2x VF KIT18 |

### Note:

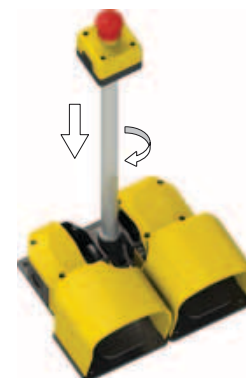
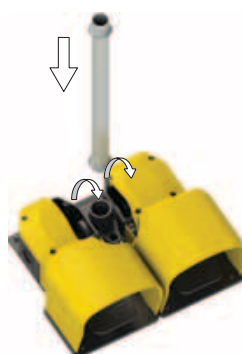
VF KIT21, 22, 26, 29, 31, 32, 33, 34, 35, 40, 50 sets are not supplied assembled because, in order to be wired, kits should be first disassembled in any case.

### How to combine the modular foot switches

All single foot switches (see page 17) are provided with knock-out side openings, designed for inserting the threaded ends of the joining elements. By tightening the threaded nuts of the joining elements a tight cable feed-through for electrical cables is created between the foot switches. In addition to this, with the supplied screws, the joining elements allow the definitive mechanical locking and the stabilization of two or more foot switches as a single object.

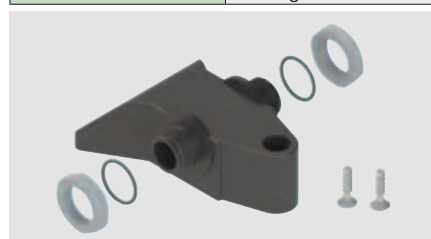


Besides the possibility of joining from two to four single foot switches, the joining elements make it possible to apply a metal tube that enables the electrical connection between the foot contacts and the contacts of an emergency push button, connected to the same tube, preserving thus an IP65 protection degree.



### Joining elements for modular foot switches

| Article  | Description     |
|----------|-----------------|
| VF KIT20 | Joining element |



Joining element for technopolymer pedals with hole for carrying rod, with nuts, seals and self-tapping screws for the fixing of the two single pedals. Protection degree IP65.

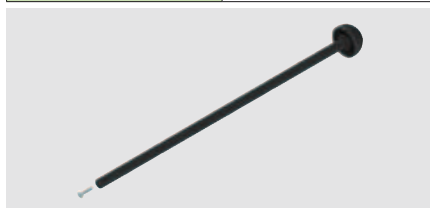
| Article  | Description     |
|----------|-----------------|
| VF KIT30 | Joining element |



Joining kit for technopolymer pedals with M25x1.5 threaded hole (for VF KIT31 or VF KIT29) with nuts, gaskets and self-tapping screws for joining two single pedals. Protection degree IP65.

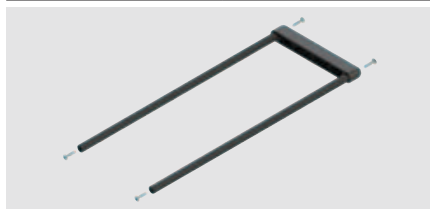
## Auxiliary elements for modular foot switches

| Article  | Description                |
|----------|----------------------------|
| VF KIT21 | Carrying rod set, L=400 mm |
| VF KIT22 | Carrying rod set, L=660 mm |



Plastic carrying rod set (can be connected to VF KIT20) with self-tapping screw for rod fixing.

| Article  | Description                       |
|----------|-----------------------------------|
| VF KIT40 | Double carrying rod set, L=400 mm |
| VF KIT41 | Double carrying rod set, L=660 mm |



Double carrying rod kit with handle and self-tapping screws for fixing, to be combined with two VF KIT20.

| Article  | Description |
|----------|-------------|
| VF KIT18 | Metal nut   |



Metal nut M25x1.5 to combine with VF KIT31 or VF KIT29 if housings of the EA series are used.

Packs of 10 pcs.

| Article  | Description     |
|----------|-----------------|
| VF KIT50 | Carrying handle |



Carrying handle kit for metal tube Ø 25 mm (VF KIT31-VF KIT29).

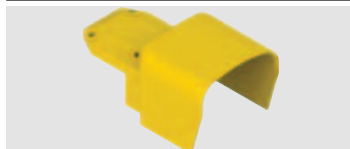
| Article  | Description             |
|----------|-------------------------|
| VF KIT61 | Metal stabilizing plate |



Metal stabilizing plate for double pedals.

Note: VF KIT21, 22, 25, 26, 29, 31, 32, 33, 34, 35, 40, 41, 50 sets can be supplied already assembled.

| Article | Description                     |
|---------|---------------------------------|
|         | Technopolymer closed protection |
| AC 1270 | Colour: yellow                  |
| AC 1027 | Colour: red                     |
| AC 1271 | Colour: grey                    |
| AC 1275 | Colour: black                   |
| AC 1276 | Colour: blue                    |



Ideal as a spare part, in case of breakage of the one provided with the foot switch.

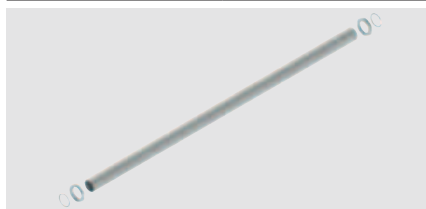
Items with code on **green** background are stock items

| Article  | Description                      |
|----------|----------------------------------|
| VF KIT25 | Metal carrying rod set, L=400 mm |
| VF KIT26 | Metal carrying rod set, L=660 mm |



Metal carrying rod set (can be connected to VF KIT20) with self-tapping screw for rod fixing.

| Article  | Description                      |
|----------|----------------------------------|
| VF KIT31 | Ø 25 mm metal tube set, L=660 mm |
| VF KIT29 | Ø 25 mm metal tube set, L=740 mm |



Ø 25 mm metal tube set with M25x1.5 threaded ends (for VF KIT32, VF KIT33, VF KIT34, VF KIT35) with metal nuts and gaskets. Protection degree IP65.

| Article  | Description                     |
|----------|---------------------------------|
| VF KIT32 | Emergency button kit, 1NC       |
| VF KIT33 | Emergency button kit, 1NC+1NO   |
| VF KIT34 | Emergency button kit, 2NC       |
| VF KIT35 | Housing set for Ø 22 mm buttons |



Emergency button kit, rotary release, compliant with EN 60947-5-1 and EN ISO 13850, to combine with VF KIT31 or VF KIT29. Protection degree IP65.

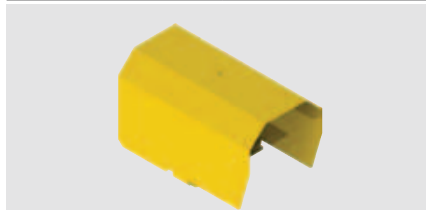
Additional contacts on page 85

| Article  | Description             |
|----------|-------------------------|
| VF KIT60 | Metal stabilizing plate |



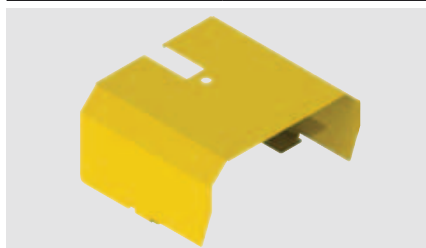
Metal stabilizing plate for single pedal.

| Article  | Description                    |
|----------|--------------------------------|
| VF KIT71 | Yellow single metal protection |



Additional metal protections for single PA series foot switches. In heavy-duty work environments, increased dimensions for safety shoes. Not applicable with VF KIT60.

| Article  | Description                    |
|----------|--------------------------------|
| VF KIT81 | Yellow double metal protection |

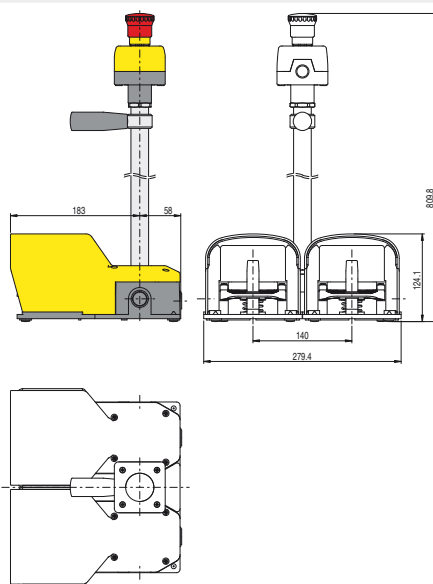


Additional metal protections for PC series modular foot switches. In heavy-duty work environments, increased dimensions for safety shoes. Not applicable with VF KIT61.

## Combination examples

All measures in the drawings are in mm

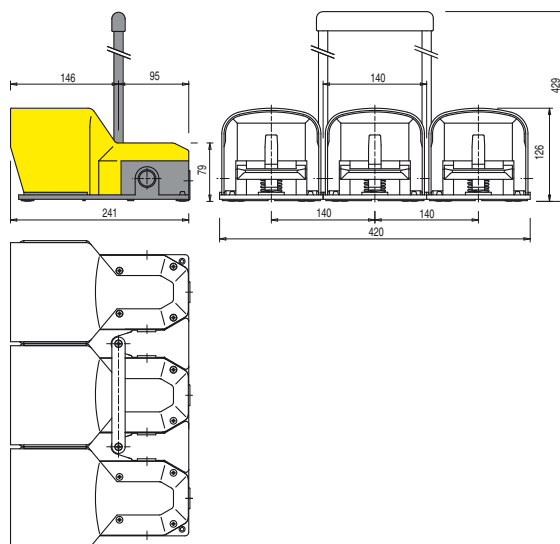
Double foot switches with joining device, metal tube and 1NC emergency button



Ordering example:

|                |          |
|----------------|----------|
|                |          |
| 2x PX 10110-M2 | VF KIT30 |
|                |          |
| VF KIT50       | VF KIT31 |
|                |          |
| VF KIT32       |          |

Triple foot switches with two joining devices and double carrying rod



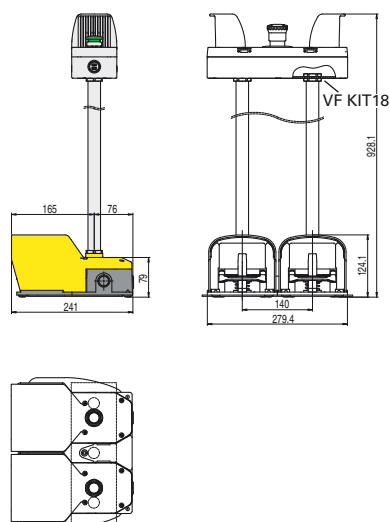
Ordering example:

|                |             |
|----------------|-------------|
|                |             |
| 3x PX 10110-M2 | 2x VF KIT20 |
|                |             |
| VF KIT40       |             |

Double foot switch with joining device, two metal tubes, stabilizing plate and EA series housing



EA SERIES  
HOUSING  
See page 125



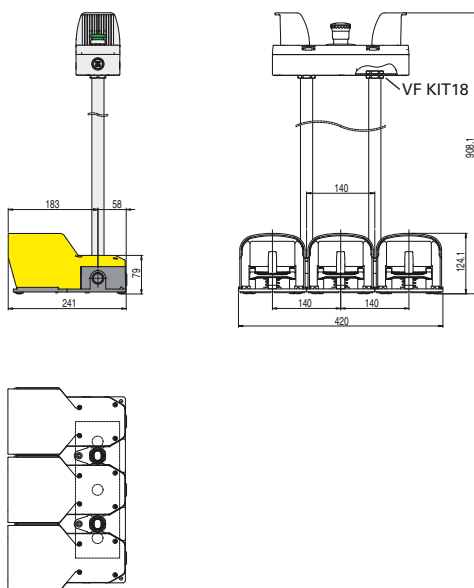
Ordering example:

|                 |             |
|-----------------|-------------|
|                 |             |
| 2x PX 10110-BM2 | VF KIT20    |
|                 |             |
| 2x VF KIT29     | 2x VF KIT18 |
|                 |             |
| VF KIT61        | EA AC37041  |

### Triple foot switches with two joining devices, two metal tubes and EA series housing



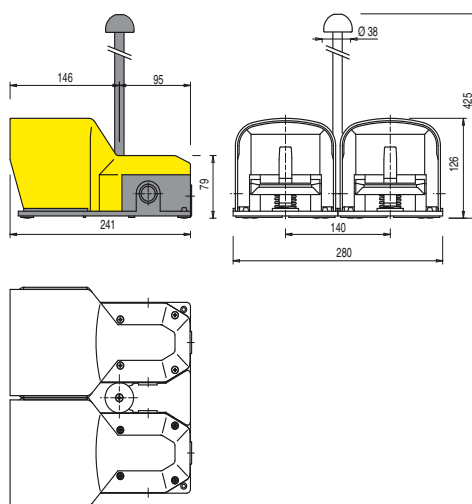
EA SERIES  
HOUSING  
See page 125



Ordering example:

|                |             |
|----------------|-------------|
|                |             |
| 3x PX 10110-M2 | 2x VF KIT30 |
|                |             |
| 2x VF KIT29    | 2x VF KIT18 |
|                |             |
| EA AC37041     |             |

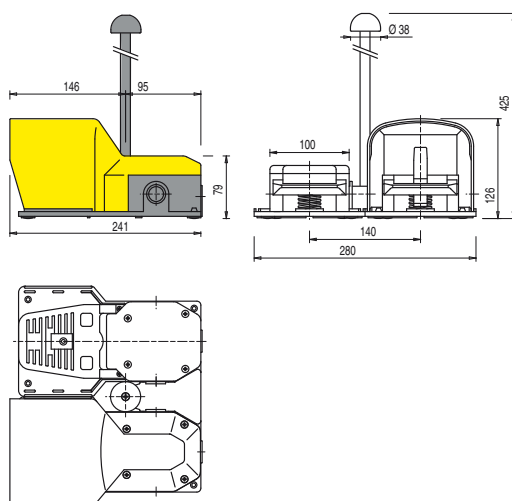
### Double foot switches with joining device and carrying rod



Ordering example:

|                |          |
|----------------|----------|
|                |          |
| 2x PX 10110-M2 | VF KIT20 |
|                |          |
| VF KIT21       |          |

### Double foot switches (available with or without pedal actuator protection) with joining device and carrying rod



Ordering example:

|             |             |
|-------------|-------------|
|             |             |
| PX 10110-M2 | PA 20100-M2 |
|             |             |
| VF KIT20    | VF KIT21    |