

## Foot Switches \& Accessories

## ELECTRICAL

## COMPONENTS



- Single \& Multi-Pedal Foot Switches
- Metal \& Plastic - Simple Action - Bi-stable / Two Stage / Safety
- Miniature Foot Switches
- Accessories


## F series Foot Switches

ITC presents a complete line of foot switches from Bernstein, designed to respond to the most stringent requirements for machine control and safety applications.

The F series includes simple action switches, models with a safety blocking device, bistable (push-push), two-stage, analog output, in 1, 2 or 3 pedal configuration.

F series foot switches can be optioned with a fixed or hinged guard, and E-stops for manual reset. Special models include Hazardous Locations rated switches etc....

## Features and specifications:

- Materials - Body and Guard: heavy duty die-cast aluminum
- Materials - Pedal: Polyamide
- Guard: protection from falling objects - 20kg from a height of 1 m - top and
 sides
- Colour: Standard colour is red/black. Other colours are available upon request.
- Approvals: CSA, cCSAus

F Foot Switches - Technical Information

| Mechanical Characteristics |  |
| :--- | :--- |
| Ambient temperature | -30 to $80^{\circ} \mathrm{C}$ |
| Storage temperature | -30 to $80^{\circ} \mathrm{C}$ |
| Mechanical life (number of operations) | $>1 \times 10^{6}$ |
| Switching frequency | $50 /$ minute |
| Connection type | Screw connection $\Phi$ 3.5mm |
| Conductor size (solid wire) | $0.5-1.5 \mathrm{~mm} 2^{*}(20-16 \mathrm{AWG})$ |
| Cable entry gland | M20x1.5 |
| Ingress protection | Standard is IP65. IP67 protection is available on most single and two <br> pedal versions. |
| Weight without guard | 1 sw~0.6 kg / 2sw~1.7kg / 3sw~3.0 kg |
| Weight with guard | 1 sw~1.5 kg / 2sw~2.6kg / 3sw~5.4 kg |
| Material - enclosure and guard | Die-cast aluminum, powder-coated |
| Material - pedal | Thermoplastic |

* For stranded wire, use of a ferrule is recommended

Information subject to change without notice

| Electrical Characteristics |  |
| :--- | :--- |
| Rated voltage/current (CSA) | $300 \mathrm{VAC} 25 \mathrm{~A}-2 \mathrm{HP}$ or 250VAC 20A -1HP (as indicated in tables) |
| Rated impulse withstand | 4 kV |
| Rated thermal current (IEC) | 10 A |
| Class of utilization | AC-15 (240V / 3A) |
| Contact type | Positive opening (IEC 60947-5-1) |
| Protection class | I |
| Certification | CSA 018950 |

Note: The information above is generic to the standard foot switch line
Please refer to individual technical data sheets for exact product information
Information subject to change without notice

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## Simple Action Foot Switches

Simple action foot switches feature spring return operation.

- Single, double or triple-switch versions available
- Slow-action or snap-action contacts available
- Contacts: $1 \mathrm{NO}+1 \mathrm{NC}$ or $2 \mathrm{NO}+2 \mathrm{NC}$ per pedal



## Simple-Action Foot Switches (Order by Part No.)

| Part No. | Article No. | Description | Guard | Contacts (each pedal) |
| :---: | :---: | :---: | :---: | :---: |
| F1-SU1Z | BE606.1300.011 | Single switch, spring return | No | 1NO+1NC snap |
| F1-SU2Z | BE606.1400.061 | Single switch, spring return | No | 2NO+2NC snap |
| F1-U1Z | BE606.1100.005 | Single switch, spring return | No | 1NO+1NC slow |
| F1-U1Z-IP67 | BE616.1100.251 | Single switch, spring return (IP67) | No | 1NO+1NC slow |
| F1-U2Z | BE606.1200.003 | Single switch, spring return | No | 2NO+2NC slow |
| F2-SU1Z/SU1Z | BE606.2330.021 | Double switch, spring return | No | 1NO+1NC snap |
| F2-SU2Z/SU2Z | BE606.2440.065 | Double switch, spring return | No | 2NO+2NC snap |
| F2-U1Z/U1Z | BE606.2110.013 | Double switch, spring return | No | 1NO+1NC slow |
| F2-U2Z/U2Z | BE606.2220.015 | Double switch, spring return | No | 2NO+2NC slow |
| F3-SU2Z/SU2Z/SU2Z | BE613.3444.577 | Triple switch, spring return | No | 2NO+2NC snap |
| F3-U1Z/U1Z/U1Z | BE606.3111.025 | Triple switch, spring return | No | 1NO+1NC slow |
| F1-SU1Z UN | BE606.1800.012 | Single switch, spring return with guard | Yes | 1NO+1NC snap |
| F1-SU2Z UN | BE606.1900.062 | Single switch, spring return with guard | Yes | 2NO+2NC snap |
| F1-U1Z UN | BE606.1600.006 | Single switch, spring return with guard | Yes | 1NO+1NC slow |
| F1-U2Z UN | BE606.1700.004 | Single switch, spring return with guard | Yes | 2NO+2NC slow |
| F2-SU1Z/SU1Z UN | BE606.2830.022 | Double switch, spring return with guard | Yes | 1NO+1NC snap |
| F2-SU2Z/SU2Z UN | BE606.2940.066 | Double switch, spring return with guard | Yes | 2NO+2NC snap |
| F2-U1Z/U1Z UN | BE606.2610.014 | Double switch, spring return with guard | Yes | 1NO+1NC slow |
| F2-U2Z/U2Z UN | BE606.2720.016 | Double switch, spring return with guard | Yes | 2NO+2NC slow |
| F3-SU2Z/SU2Z/SU2Z UN | BE616.3444.577 | Triple switch, spring return with guard | Yes | 2NO+2NC snap |
| F3-U1Z/U1Z/U1Z UN | BE606.3611.026 | Triple switch, spring return with guard | Yes | 1NO+1NC slow |

Information subject to change without notice

## Analog Output Foot Switches

Analog foot switches have a variable controlled current and voltage output that is directly proportional to the pedal position. A programmable signaling output is additionally activated when a predetermined pedal position is reached.

- The analog output can be delivered in a $0-5 \mathrm{~V}, 0-10 \mathrm{~V}, 0-20 \mathrm{~mA}$ or $4-20 \mathrm{~mA}$
- These foot switches are available in single pedal versions; 2 and 3 pedal versions are also available on request
- The Analog Output switches do not have CSA approval

Foot Switches with Analog Output (Order by Part No.)

| Part No. | Article No. | Description | Guard | Output |
| :--- | :--- | :--- | :--- | :--- |
| F1-AU0-5 | BE616.1500.723 | Single foot switch, 0-5 V DC analog output | No | $0-5 \mathrm{~V}$ DC |
| F1-AU0-10 | BE616.1500.724 | Single foot switch, 0-10 V DC analog output | No | $0-10 \mathrm{~V}$ DC |
| F1-AIO-20 | BE616.1500.725 | Single foot switch, 0-20 mA analog output | No | $0-20 \mathrm{~mA}$ |
| F1-AI4-20 | BE616.1500.726 | Single foot switch, $4-20 \mathrm{~mA}$ analog output | No | $4-20 \mathrm{~mA}$ |
| F1-AU0-5 UN | BE616.1000.727 | Single foot switch, 0-5 V DC analog output | Yes | $0-5 \mathrm{~V}$ DC |
| F1-AU0-10 UN | BE616.1000.728 | Single foot switch, 0-10 V DC analog output | Yes | $0-10 \mathrm{~V} \mathrm{DC}$ |
| F1-AIO-20 UN | BE616.1000.729 | Single foot switch, 0-20 mA analog output | Yes | $0-20 \mathrm{~mA}$ |
| F1-AI4-20 UN | BE616.1000.730 | Single foot switch, 4-20 mA analog output | Yes | $4-20 \mathrm{~mA}$ |

Information subject to change without notice

## Bi-stable (push-push) Foot Switches

When the pedal is operated, the contacts are actuated and maintained until the pedal is pressed a second time.

- Single or double-switch versions available
- Slow-action or snap-action contacts available
- Contacts: $1 \mathrm{NO}+1 \mathrm{NC}$ or $2 \mathrm{NO}+2 \mathrm{NC}$ per foot switch
" Bi-stable switches are identified by the letter "Y" (see table below)



## Bi-stable Foot Switches (Order by Part No.)

| Part No. | Article No. | Description | Guard | Contact Configuration <br> (each pedal) |
| :--- | :--- | :--- | :--- | :--- |
| F1-SU1Y UN | BE616.1800.247 | Bi-stable (push-push) switch, with guard | Yes | 1NO+1NC snap |
| F1-A2Y | BE616.1000.676 | Bi-stable (push-push) switch | No | 2NC slow |
| F1-U1Y | BE606.1100.001 | Bi-stable (push-push) switch | No | 1NO+1NC slow |
| F1-U1Y UN | BE616.1600.295 | Bi-stable (push-push) switch, with guard | Yes | 1NO+1NC slow |
| F2-SU1Y/SU2Z UN | BE616.2840.655 | Double switch, bi-stable / spring | Yes | L:1NO+1NC snap bi-stable/ R:2NO+2NC <br> snap spring |
| F2-U1Y/U1Y UN | BE606.2610.018 | Double bi-stable switch | Yes | L and R: 1NO+1NC slow each |
| F2-U1Y/U1Z UN | BE606.2610.047 | Double switch bi-stable / spring | No | L:1NO+1NC slow bi-stable / R:1NO+1NC <br> slow spring |

Information subject to change without notice; L=left pedal / R: right pedal

## Two-stage Foot Switches

Two-stage foot switches are designed so that the first part of the pedal travel actuates the first contact. The pedal then reaches a point where further pressure is required in order to activate the second contact. The force of the pressure point can be adjusted upon request.

- Single, double or triple-switch versions available
- Slow-action or snap-action contacts available
- Two-stage foot switches are identified by the letter "D" (see table below)
- Pressure Point setting: 200N (Newtons)


Two-stage Foot Switches (Order by Part No.)

| Part No. | Article No. | Description | Guard | Contact Configuration <br> (each pedal) |
| :--- | :--- | :--- | :--- | :--- |
| F1-U2ZD | BE606.1200.007 | Single two stage switch | No | 2NO+2NC slow 2-stage |
| F1-U2ZD UN | BE606.1700.008 | Single two stage switch | Yes | 2NO+2NC slow 2-stage |
| F2-U1Z/U2ZD UN | BE606.2620.086 | Double switch spring return / two stage | Yes | L:1NO+1NC slow spring / R:2NO+2NC slow <br> 2-stage |
| F2-SU1Z/SU2ZD UN | BE616.2000.418 | Double switch spring return / two stage | Yes | L:1NO+1NC snap spring / R:2NO+2NC <br> snap 2-stage |
| F2-U2ZD/U2ZD | BE606.2220.019 | Double 2-stage switch | No | L\& R: 2NO+2NC slow 2-stage |
| F2-U2ZD/U2ZD UN | BE606.2720.020 | Double 2-stage switch | Yes | L \& R: 2NO+2NC slow 2-stage |
| F3-U1Z/U1Z/U2ZD UN | BE606.3612.423 | Triple switch spring/spring/2-stage | Yes | L:1NO+1NC slow spring/ <br> C: 1NO+1NC slow spring/ <br> R:2NO+2NC snap 2-stage |

Information subject to change without notice; L=left pedal / C=centre pedal / R: right pedal

## Enable three position Foot Switches (operator presence detection)

Enable 3 position foot switches are often used as so-called 'hold-to-run control device' to bring a machine into operation. These are referred to as 'Dead-man's switches'.

For this purpose, the enable foot switches equipped with an intermediate pressure point. When operated to the "pressure point", the 2 "enable" contacts are closed. If the pedal is released, the same contacts are opened. If the pedal is pressed beyond the "pressure point", the same contacts are also opened. An additional alarm contact is closed when the pedal returns to the "zero" position. The optional reset button requires the operator to perform a positive action once the protection device has taken effect.


- Single or double switch; available with reset button and guard
" Enable foot switches are identified by the letters "ZSD" (see table below)
- Pressure Point: 200N
- Rated Current: 5A
- IP Rating: IP67
- Approvals: cULus; DGUV

Hold-to-Run Foot Switches (Order by Part No.)

| Part No. | Article No. | Description | Guard | Contact Config. (each pedal) |
| :--- | :--- | :--- | :--- | :--- |
| F1-ZSD | BE606.1500.559 | Pressure Point D | - | 1NC+2NO |
| F1-ZSD UN | BE606.1000.558 | Pressure Point D | Yes | 1NC+2NO |
| F1-ZSDR | BE606.1500.567 | Pressure Point D, Reset | - | 1NC+2NO |
| F1-ZSDR UN | BE606.1000.560 | Pressure Point D, Reset | Yes | 1NC+2NO |
| F2-U1Z/ZSD | BE606.2500.561 | Double switch; Pressure Point D | - | L: 1NC+2NO R: 1NC+2NO "D" |
| F2-U1Z/ZSD UN | BE606.2000.563 | Double switch; Pressure Point D | Yes | L: 1NC+2NO R: 1NC+2NO "D" |
| F2-ZSDR/ZSDR | BE606.2500.567 | Double switch; Pressure Point D; Reset | - | L \& R: 1NC+2NO "D" |

Information subject to change without notice; L=left pedal / R: right pedal
Example: F1-ZSD


Accessories for F Series Foot Switches (Order by Part No.)

| Part No. | Article No. | Description | Details |
| :--- | :--- | :--- | :--- |
| F1-UN | BE390.6010.719 | Replacement guard for single F1 foot switches | die-cast aluminum - red |
| F2-UN | BE390.6020.720 | Replacement guard for double F2 foot switches | die-cast aluminum - red |
| F3-UN | BE390.6030.721 | Replacement guard for triple F3 foot switches | die-cast aluminum - red |
| F1-TV | BE399.6000.229 | Plate with 642mm handle for single F1 foot switches | Base + 642mm rod |
| F2-TV | BE399.6000.230 | Plate with 615mm handle for double F2 foot switches | Base +615mm rod |
| F-ST-EINS. 25N | BE391.6001.320 | Replacement plunger for F foot switches |  |
| BE391.6001.254 | RE600.6101.036 | Replacement pressure point for F foot switches | Force: 200N |
| FS-101 | BE600.6101.060 | Replacement contact for F foot switches | 1NO+1NC slow |
| FS-101B-S | BE600.6351.039 | Replacement contact for F foot switches | 1NO+1NC slow; bistable switches |
| FS-101SN | BE600.6101.044 | Replacement contact for F foot switches | 1NO+1NC snap |
| FS-202 | BE600.6451.040 | Replacement contact for F foot switches | 2NO+2NC slow |
| FS-202SN |  | 2NO+2NC snap |  |

Information subject to change without notice

## Other F series Foot Switches available

Other models of F series Foot Switches available at ITC include:

- Foot Switches with Footrest 'FS'
- Foot Switches with Pedal lock 'AT’
- Foot Switches with hinged pedal protection 'PS'
- Foot Switches with Emergency Stop button 'NA2'
- Foot Switches with safety lock and reset 'UV'
- Foot Switches with power control 'LS'
- Foot Switches for clean environments 'MF'


Please inquire with ITC.
Foot switches with TV handles


Pedal Lock 'AT'


Emergency Stop 'NA2’


Footrest 'FS'



Hinged Pedal Protection 'PS'

ELECTRICAL

## COMPONENTS

## Pneumatic Foot Switches

ITC also offers two models of pneumatic foot switches, for use in several applications such as control of benchmount wire processing units, crimp tools, presses and test sytems. No lubrication required. Use of an air filter is recommended.

## Pneumatic Foot Switch E25

This heavy-duty pneumatic foot valve features a die-cast aluminum valve/lever and a pedal made of nylon with reinforcing steel plate. The guard is made of impact-resistant plastic; body in aluminum alloy.

## Pneumatic Foot Switch 4F

A compact, economical foot valve equipped with a robust, shock-resistant plastic guard. Body in aluminum alloy.

Pneumatic Foot Switches - Technical Information

| Mechanical Characteristics | E25 | $\mathbf{4 F}$ |
| :--- | :--- | :--- |
| Ambient temperature | -10 to $70^{\circ} \mathrm{C}$ | -20 to $70^{\circ} \mathrm{C}$ |
| Fluid temperature (air) | -10 to $50^{\circ} \mathrm{C}$ | 5 to $60^{\circ} \mathrm{C}$ |
| Type of function (positions) | $3 / 2 \mathrm{NC}$, spring return | $5 / 2$, spring return |
| Operating pressure | $50-100$ PSI; Max $145 \mathrm{PSI} / 10 \mathrm{bar}$ | $72-100$ PSI; Max: 145 PSI |
| Connection type | $\mathrm{G} 1 / 4$ | $\mathrm{G} 1 / 4$ |
| Nominal connector diameter $\Phi$ | 8 mm | 8 mm |

Information subject to change without notice

Pneumatic Foot Switches and Accessories (Order by Part No.)

| Part No. | Description | Valve Body | Valve/Lever |  |
| :--- | :--- | :--- | :--- | :--- |
| 500.905 | E25 pneumatic foot switch 3/2NC - without hose | Aluminum alloy | Die-cast aluminum |  |
| 500.909 | E25 pneumatic foot switch 3/2NC - with coiled hose | Aluminum alloy | Plastic - orange |  |
| 500.931 | 4F pneumatic foot switch - without hose | Aluminum alloy | Aluminum alloy |  |
| 500.906 | Silencer for pneumatic switch; G1/4 connection | - | - | Plastic - yellow |
| 500.934 | Coiled hose 8mm | - | - | - |
| 500.935 | Quick-connector 1/4G to 8mm hose | - | - | - |



E25-500.905


4F-500.931
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## Insulated-Base PS Series

This series features a light-weight, shock-resistant insulated ABS base (UL94 V0), with optional ABS or die-cast aluminium guard.

## Features and specifications:

- Single or double-switch versions available
- Contacts: $1 \mathrm{NO}+1 \mathrm{NC}$ or $2 \mathrm{NO}+2 \mathrm{NC}$ per foot switch
- Spring return operation, spring return with anti-trip safety latch, and push/push operation available
- Mounting kits for 2, 34 or 5 foot switches available
- Approvals: CSA, UL


Insulated-base PS/PD Foot Switches - Technical Information

| Mechanical Characteristics |  |
| :--- | :--- |
| Ambient temperature | -10 to $70^{\circ} \mathrm{C}$ |
| Storage temperature | -30 to $80^{\circ} \mathrm{C}$ |
| Mechanical life (number of operations) | $30 \times 10^{6}$ |
| Connection type | Screw conn. $\Phi$ 3.5mm - captive wire clamp |
| Conductor size (solid wire) | $0.75-2.5 \mathrm{~mm} 2(18-14 \mathrm{AWG})^{*}$ |
| Cable entry gland | Pg16 - Internal strain relief provided |
| Ingress protection | IP65 |
| Material - base | ABS UL94V0 |

* For stranded wire, use of a ferrule is recommended;

Information subject to change without notice

| Electrical Characteristics |  |
| :--- | :--- |
| Rated voltage /current (CSA) | 300 VAC 25 A |
| Rated impulse withstand | 6 kV |
| Class of utilization | AC-15 (240V / 3A) - DC-13 |
| Contact type | Positive opening (IEC 60947-5-1) |
| Certification | CSA 066746- UL E189258 |



Note: The information above is generic to the standard foot switch line
Please refer to individual technical data sheets for exact product information
Information subject to change without notice
Naming Convention for Comepi Foot Switches

## PS 1243 ／VO－M

Type
PS－single
PD－double

## Connection

1 －Pg 16 cable gland
2 －M20 cable gland

## Device Movement

1 －spring return
2 －safety latch
3 －push－push
4 －spring return with pressure point


Guard\Cover，Colour
1 －yellow guard
2 －grey guard
3 －yellow＋grey guard（PD）
4 －Red guard
5 －half red cover
7 －half yellow cover
8 －half grey cover

## Guard Material

VO－UL approved ABS
V0－M－UL approved aluminum

## Contact Blocks

1－1（NO＋1NC）snap
2－1（NO＋NC）slow
3－2（NO＋NC）snap
4－2（NO＋NC）slow

Any combination of the above can be ordered；half covers（ $5,7 \& 8$ ）cannot have guards．

## Part Numbers of Some of Our More Popular PS／PD Foot Switches（Order by Part No．）

| Part No． | Description | Guard\Cover Colour | Contact （each pedal） |
| :---: | :---: | :---: | :---: |
| PS1111／V0 | Insulated base single switch，spring return | Yellow | 1NO＋1NC snap |
| PS1111／V0－M | Insulated base single switch，spring return | Yellow（Aluminium） | 1NO＋1NC snap |
| PS1112／V0 | Insulated base single switch，spring return | Yellow | 1NO＋1NC slow |
| PS1113／V0 | Insulated base single switch，spring return | Yellow | 2NO＋2NC snap |
| PS1113／V0－M | Insulated base single switch，spring return | Yellow（Aluminium） | 2NO＋2NC snap |
| PS1114／V0 | Insulated base single switch，spring return | Yellow | 2NO＋2NC slow |
| PS1143／V0 | Insulated base single switch，spring return | Red | 2NO＋2NC snap |
| PS1144／V0 | Insulated base single switch，spring return | Red | 2NO＋2NC slow |
| PS1151／V0 | Insulated base single switch，spring return | Red（half cover） | 1NO＋1NC snap |
| PS1152／V0 | Insulated base single switch，spring return | Red（half cover） | 1NO＋1NC slow |
| PS1153／V0 | Insulated base single switch，spring return | Red（half cover） | 2NO＋2NC snap |
| PS1154／V0 | Insulated base single switch，spring return（no guard） | Red（half cover） | 2NO＋2NC slow |
| PS1211／V0 | Insulated base single switch，safety latch | Yellow | 1NO＋1NC snap |
| PS1212／V0 | Insulated base single switch，safety latch | Yellow | 1NO＋1NC slow |
| PS1213／V0 | Insulated base single switch，safety latch | Yellow | 2NO＋2NC snap |
| PS1214／V0 | Insulated base single switch，safety latch | Yellow | 2NO＋2NC slow |
| PS1214／V0－M | Insulated base single switch，safety latch | Yellow（Aluminium） | 2NO＋2NC slow |
| PS1311／V0 | Insulated base single switch，push－push | Yellow | 1 $\mathrm{NO}+1 \mathrm{NC}$ snap |
| PS1313／V0 | Insulated base single switch，push－push | Yellow | 2NO＋2NC snap |
| PS1313／V0－M | Insulated base single switch，push－push | Yellow（Aluminium） | 2NO＋2NC snap |
| PD1131／V0 | Insulated base double foot switch，spring return $\times 2$ | Yellow | 1NO＋1NC snap |
| PD1132／V0 | Insulated base double foot switch，spring return $\times 2$ | Yellow | 1NO＋1NC slow |
| PD1133／V0 | Insulated base double foot switch，spring return $\times 2$ | Yellow | 2NO＋2NC snap |
| PD1134／V0 | Insulated base double foot switch，spring return $\times 2$ | Yellow | 2NO＋2NC slow |
| PD1313／V0 | Insulated base double switch，spring return $\times 2$ | Yellow | 2NO＋2NC snap |

Information subject to change without notice
Accessories for PS／PD Foot Switches（Order by Part No．）

| Part No． | Description | Details |
| :--- | :--- | :--- |
| PS1－PY | Replacement plastic（ABS）guard | Yellow |
| PS1－M | Replacement aluminum guard | Yellow |
| PS4－M | Replacement aluminum guard | Red |
| PS4－MG | Replacement aluminum guard | Grey |
| PS4－PY | Replacement plastic（ABS）guard | Red |
| R11 | Replacement contact for PS foot switches | 1NO＋1NC snap |
| S11 | Replacement contact for PS foot switches | 1NO＋1NC slow |
| PD1000 | Assembly kit for 2 foot switches | Base＋rod |
| PD1001 | Assembly kit for 3 foot switches | Base＋rod |
| PD1002 | Assembly kit for 4 foot switches | Base＋rod |
| PD1003 | Assembly kit for 5 foot switches | Base＋rod |

Information subject to change without notice

## Sub-compact Type "PCFS" Foot Switches

These extremely compact PCFS miniature foot switches are certified by cULus for operation at $125-250$ VAC. Operation is momentary (spring return).

## Features and specifications:

- Materials: Solid steel construction, with full guard and base pads
- Dimensions (without guard): $90 \times 70 \times 27 \mathrm{~mm} ; 3.5 \times 2.75 \times 1.1$ "
- Contacts: 1NO; snap-action
- Grounding: \#8 grounding screw (provided)
- Approvals: cULus
- Redundant corrosion-resistant spring system
- Optional guards, oversize guards and stainless-steel guards available


Insulated-base PS/PD Foot Switches - Technical Information

| General Characteristics |  |
| :--- | :--- |
| Connection type | Quick-connect terminals |
| Cable size | $18-14 \mathrm{AWG}$ |
| Cable entry | Internal cable clamp |
| Ingress protection | NEMA Type 1 |
| Material | Steel |



Information subject to change without notice

Type "PCFS" Sub-compact Foot Switches (Order by Part No.)

| Part No. | Description | Rated <br> Current | Rated <br> HP | Rated <br> Voltage | Contact |
| :--- | :--- | :--- | :--- | :--- | :--- |
| PCFS-3M | Sub-compact metal foot switch, momentary, 1NO | 15 A | $1 / 2$ | $125-250 \mathrm{VAC}$ | 1NO snap |
| PCFS-3MC | Sub-compact metal foot switch, momentary, 1NO w/6' 18/3 cable | 10 A | $1 / 3$ | $125-250 \mathrm{VAC}$ | 1NO snap |
| PCFS-3MG | Sub-compact metal foot switch, momentary, 1NO w/steel guard | 15 A | $1 / 2$ | 125-250VAC | 1NO snap |
| PCFS-3-BG | Black metal guard for Sub-compact metal foot switch PCFS-3M | - | - | - | - |
| PCFS-3-YG-O | Metal guard; for 1 or 2 PCFS-3 series sub-compact foot switches | - | - | - | - |

Information subject to change without notice


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## Two－Hand Safety Control Stations

The two－hand control stand is designed with safety in mind．Its special configuration prevents operating the controlled equipment unless the operator uses both hands．Supplementary controls can be added（up to three 22.5 pushbuttons at the centre and 2 foot switches）．

This device is composed of 3 different parts，to be ordered separately（Note： pushbuttons／switches／foot switches are not included）：
－Stand（steel plate and tube，painted bright orange），adjustable height 700 to 1150 mm .4 holes for mounting on floor［PB－2029］
－Pushbutton panel，aluminum painted bright orange，with $2+3$ 22.5 mm holes［PB－2031］
－Protection ring，steel，bright orange［PB－2003］
A standalone panel or wall mounted version is also available［PB－2030］

## Two－Hand Safety Control Station（Order by Part No．）

| Part No． | Description | Dimensions（mm） |
| :--- | :--- | :--- |
| PB－2031 | Pushbutton panel stand mounting | $450 \times 100 \times 156$ |
| PB－2030 | Pushbutton panel panel mounting | $450 \times 100 \times 156$ |
| PB－2029 | Stand | $\mathrm{H}=700$ to 1150－Base 400×400 |
| PB－2003 | Protection ring | $600 \times 320$ |



PB－2031／2030


PB－2003

PB－2029
PB－2029

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Control Stations



Compact IP68 Connectors


Limit Switches


Disconnect Switches



IEC Contactors



Hinged Enclosures


Assembly Tables


Circuit Breakers



