

# 6256 Heavy Duty Footswitch

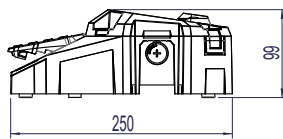
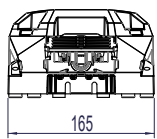
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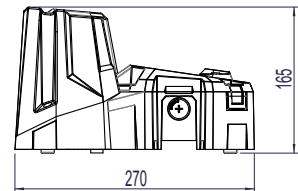
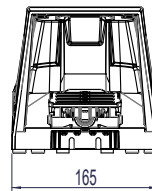
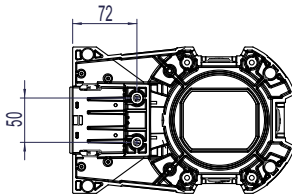
- Sturdy & durable industrial footswitch
- Unique functional design aesthetic
- Optional guard accomodates safety shoe use
- Infinite multiplication of footswitches due to original modular design
- Adaptable range of accessories
- Waterproof to IP67 (EN 60529)



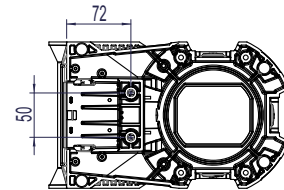
## Reference dimensions



Unguarded



Guarded



## General specifications

Standards/Approvals	CE, UL 60947-1 & 60947-5-1, CSA C22.2 60947-1 & 60947-5-1, UL file number E501802*	Operating temperature range	-20°C to +80°C -20°C to +60°C with UL certification
Degree of protection	EN 60529 IPX2, optional IP67 with seal kit 6050-5500-0138 or adequate components	Body material	Thermoplastic, Injection moulded ABS (High Impact), self extinguishing UL 94-V0
Connection method	Internal terminal block / cable with free wire ends. As standard, cable exit is from the rear	Cover material	Thermoplastic (ABS), self extinguishing UL 94-V0
Electrical Rating	See ordering & options	Guard stability	Drop weight: 20 kg at 1 m
Contact Configuration	See ordering & options	Weight	Unguarded 0.9 kg, guarded 1.2 kg
		Life expectancy	1 x 10 <sup>6</sup>
		Additional information	Through hole consideration on the base for securing to the floor 3 x M20 x 1.5 conduit entry, Ø cable diameter 6-13mm

\* depending on configuration & accessories chosen, footswitch might not have UL certification

## Switch specifications

Rated operating voltage	250V AC	Short Circuit Current	1kA
Rated insulation voltage	500Vac 600Vdc (300V UL Rating)	Direct opening action	acc. to IEC/EN 60947-5-1
Conventional thermal current	25A 10A with UL certification	Short-circuit protective device	Fuse 10A aM
Utilization category	Alternate current: AC15 (50-60 Hz) Operating voltage: U <sub>e</sub> (V) 250 400 500 Operating current: I <sub>e</sub> (A) 6 4 1	Contact gap	>3 mm. Suitable for mains isolation
		Terminals	Screw connection terminals & self lifting clamp for connection of flexible leads min: 1 x 0.5mm <sup>2</sup> max: 2 x 2.5mm <sup>2</sup>

# 6256 Heavy Duty Footswitch



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Code structure - please contact Herga Sales to discuss product availability before ordering

Stock models : SK-6256 - AAAZ - ZZZZ  
SK-6256 - BAAZ - ZZZZ

Article Options  
6256 - X X X Z - Z Z Z Z

## Model (UL)

### Footswitch safety

- A Unguarded (UL)
- B Guarded (UL)

### Electrical

- A Slow break & make; AC-15 6A 250V / DC-12 6A 24V (UL)
- B Snap break & make; AC-15 6A 250V / DC-12 6A 24V (UL)
- C 5k Ohm potentiometer + snap action microswitches (must use switching option "G")
- D 10k Ohm potentiometer + snap action microswitches (must use switching option "G")
- F High power rating (25A 125/250V AC. 1HP 125/250V AC) (must use switching option "H")

### Switching operation

- A 1 NO + 1 NC (UL)
- B 2 NO + 2 NC
- C 2 NO + 2 NC - staggered
- D 2x (1 NO + 1 NC)
- E 4x (1 NO + 1 NC)
- F 4x (1 NO + 1 NC)- staggered
- G Potentiometer - double pole change over contacts (must use "Electrical option - C/D")
- H Double pole change over contacts, 2 switches, high power (must use "Electrical option - F")

### Cable options

- Z no cable (\* cable kits under accessories) (UL)

## Bluetooth

- Z No Bluetooth (UL)
- A Bluetooth BLE2 - on request

## Cover

- Z Standard cover (UL)
- A Pole with ball handle (recommended to use with base plate if stand alone - see accessories)
- B Emergency stop on cover
- C Pole with emergency stop (recommended to use with base plate if stand alone - see accessories)

## Pedal

- Z No option - standard pedal (UL)
- (A Pedal lock<sup>1</sup>)

## Release

- Z No manual release or DA Button (UL)
- (A Manual release<sup>1</sup>)
- (B DA Button<sup>1</sup>)
- (C Manual release and DA Button<sup>1</sup>)

<sup>1</sup> planned option, will be available soon

## Contact configuration



### Slow Break & Make Switch Options

6256-XAAZ-ZZZZ	6256-XABZ-ZZZZ	6256-XACZ-ZZZZ

### Snap Action Switch Options

6256-XBAX-ZZZZ	6256-XBBX-ZZZZ	6256-XBCX-ZZZZ
6256-XBDX-ZZZZ	6256-XBEX-ZZZZ	6256-XBFX-ZZZZ



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Subject to change without notice