

## IDEEM EMERGENCY STOP (E-STOP) SWITCHES ES-P & ES-SS

231008  
ES-SS(P) 1/2NPT '3NC'



- Stainless steel IP69K
- High temperature wash down
- 2 or 3 conduit entries
- 3 or 4 pole contacts
- 2NC 1NO; 2NC 2NO; or 3NC 1NO



### Product description

IDEEM ES-P and ES-SS Standard Duty Emergency Stop Switches have been designed to provide robust emergency stop protection for machines or exposed conveyors and are suitable for use within virtually all industry sectors.

- Plastic bodies (IP67) or Stainless Steel 316 (IP69K)
- Conformance to ISO13850, EN60947-5-1 and EN60947-5-5
- A special lid safety trip mechanism means that the safety contacts will open if the lid is removed - this provides an extra degree of anti-tamper
- Button protection shroud versions with padlock holes to enable "Lock Off" in maintenance situations
- 3 pole contact blocks provide positively operated switch contacts

### Specifications

<b>Annual usage</b>	8 cycles per hour/24 hours per day/365 days
<b>Approvals</b>	UL 508, EN60947-5-1, EN60947-5-5, EN62061, ISO 13850, ISO 13849-1
<b>Atex approved</b>	No
<b>Conduit entry</b>	1/2"NPT
<b>Contact Type</b>	EN60947-5-1 double break type Zb Snap Action up to 3NC (positive break) 1NO (auxiliary)
<b>Contacts</b>	3NC
<b>Integrated LED indication</b>	No
<b>IP Class</b>	IP69K
<b>Mechanical reliability B10d</b>	2.5x10 <sup>6</sup> operations at 100mA load

<b>Mounting</b>	4 x M4
<b>MTTFd</b>	214 years
<b>Number of poles</b>	3
<b>Operating temperature</b>	-25°C +80°C
<b>Operational rating</b>	240V 3A
<b>PFHd</b>	$<1.0 \times 10^{-7}$
<b>Rated insulation voltage</b>	500V
<b>Short circuit overload protection</b>	Fuse externally 10A(FF)
<b>Thermal current (I<sub>th</sub>)</b>	10
<b>Withstand voltage</b>	2500V

