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IDEM EMERGENCY STOP (E-STOP) SWITCHES ES-P & ES-SS

230002
ES-P Knockout M20 ½NPT '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

IDEM 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

TECHNICAL DATA

Annual usage	8 cycles per hour/24 hours per day/365 days
Approvals	UL 508, EN60947-5-1, EN60947-5-5, EN62061, ISO 13850, ISO 13849-1
ATEX approved	No
Conduit entry	M20/1/2"NPT
Contact type	EN60947-5-1 double break type Zb Snap Action up to 3NC (positive break) 1NO (auxiliary
Contacts	3NC
Housing material	Polyester
Integrated LED indication	No
IP class	IP67
Material contacts	Silver
Mechanical reliability B10d	$2.5x10^6$ operations at 100mA load
Mounting	4 x M4
MTTFd	214 years
Number of poles	3
Operating temperature	-25°C +80°C

Operational rating	240V 3A
PFHd	<1.0 x 10^{-7}
Rated insulation voltage	500V
Short circuit overload protection	Fuse externally 10A(FF)
Thermal current (Ith)	10 A
Withstand voltage	2500V

