

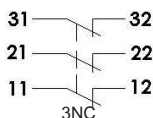
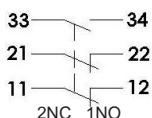
Standard Duty Emergency Stops: ES-P (3 pole)

DESCRIPTION & FEATURES:

IDEM ES-P 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 all industry sectors.

- Plastic bodies (IP67)
- 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.

Gold Plated Contacts available for low power circuits (5V 5mA).
Ordering: Add GC to Part Number e.g. 230001-GC



TYPE: ES-P (Plastic)
Knock out for plastic version

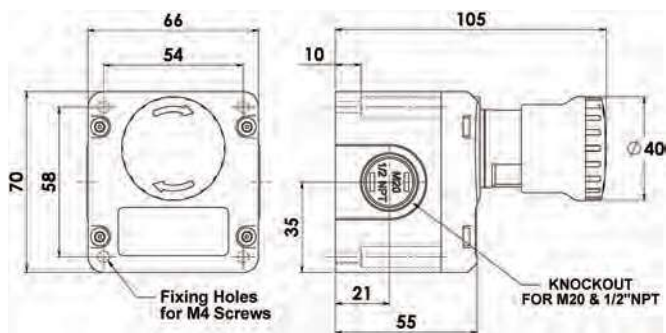


TYPE: ES-P(P) (Plastic) with button shroud
Knock out for plastic version

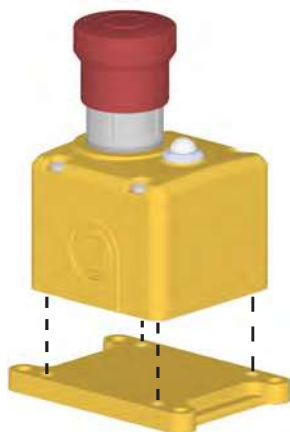
SALES NUMBER	TYPE	CONDUIT ENTRY	CONTACTS
230001	ES-P	Knockout M20 / 1/2"NPT	2NC 1NO
230002	ES-P	Knockout M20 / 1/2"NPT	3NC

SALES NUMBER	TYPE	CONDUIT ENTRY	CONTACTS
230003	ES-P (P)	Knockout M20 / 1/2"NPT	2NC 1NO
230004	ES-P (P)	Knockout M20 / 1/2"NPT	3NC

DIMENSIONS:



TYPE: ES-P (PLASTIC)



External Mounting base for ES-P plastic emergency stops.
PN: 230110

Standards: EN60947-5-1 EN60947-5-5 EN62061
UL 60947-5-1 ISO13850 ISO13849-1

Safety Classification and Reliability Data:

Mechanical Reliability B10d 1.5 x 10⁶ operations at 100mA load
ISO13849-1 Up to PLE depending upon system architecture
EN62061 Up to SIL3 depending upon system architecture
Safety Data – Annual Usage 8 cycles per hour/24 hours per day/365 days
MTTFd 214 years

Enclosure/Cover Material Polyester/Stainless Steel 316
IP Rating IP69K - Stainless Steel 316 IP67 - Plastic
Mounting 4 x M4
Mounting Position Any
Conduit Entries 2 x M20 or 2 x 1/2" NPT (by Sales Number)
Knock out for Plastic version (ES-P)

Tongue Settings Mounting M4 4.0Nm
Lid T20 Torx M4 1.5Nm
Terminals 1.0Nm

Ambient Temperature -25C +80C
Vibration Resistance 10-500Hz 0.35mm

Shock Resistance 11ms 15g
Weight 295g to 1000g

Contact Type EN60947-5-1 double break type Zb
Snap Action up to 3NC (positive break)
1NO (Auxiliary)

Contact Material Silver
Termination Clamp up to 2.5mm² conductors

Rating Utilisation category AC15
Operational Rating 240V 3A

Thermal Current (Ith) 10A
Rated Insulation Voltage (U) 500V

Withstand Voltage (Uimp) 2500V

Short Circuit Overload Protection Fuse externally 10A(FF)