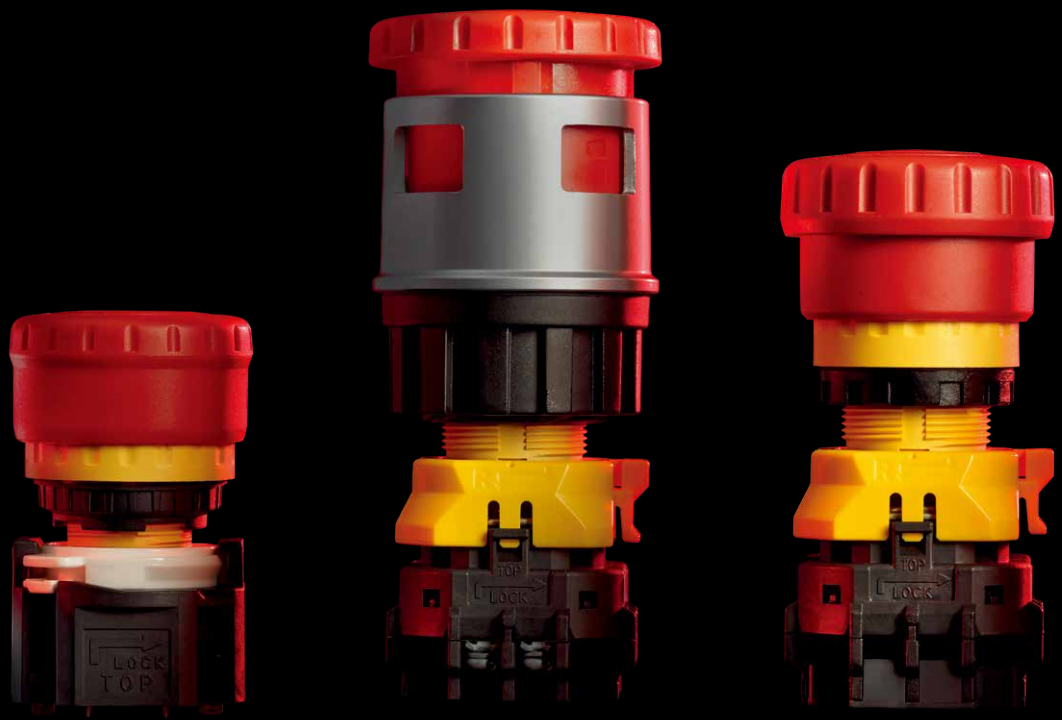
IDEC



E-STOP SWITCHES

THE ULTIMATE IN SAFETY

APEM
an IDEC company

PROTECTING PEOPLE & PRODUCTIVITY

Developing innovative product designed to enhance machine safety combined with a positive user experience, IDEC innovations have helped shape the global industrial automation marketplace. This includes collaboration with various agencies to increase international standardisation within the manufacturing industry.

IDEC engineers spend years researching and testing to develop the ideal shape, size and feel for each emergency stop switch. As a result, IDEC provides safe, efficient and ergonomic E-stops for any machine or application that needs to meet established international requirements for workplace safety.

These devices have also been investigated for functionality, fire and electrical shock safety.

Certifications

THE WORLD'S SAFEST EMERGENCY STOP SWITCHES

IDEC emergency stop switches transformed the way E-stops are designed by using "Safe Break Action" technology to ensure a machine will stop.

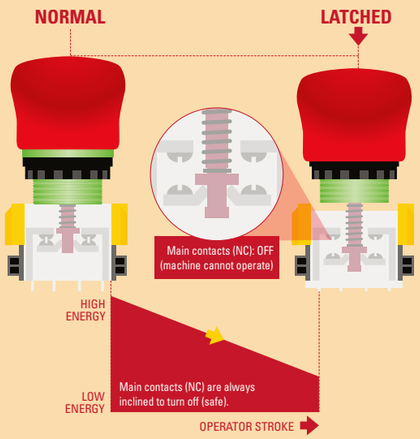
By automatically turning off the machine when the contact block or actuator are improperly installed or damaged, all IDEC E-stops meet or exceed International safety standards (ISO 13850 and EN60947-5-5).

OPERATOR SAFETY IS OUR PRIORITY

IDEC X-series switches use “Safe Break Action” a unique feature that disconnects normally closed contacts, guaranteeing shut-off even if the emergency switch is damaged or the contact blocks separate.

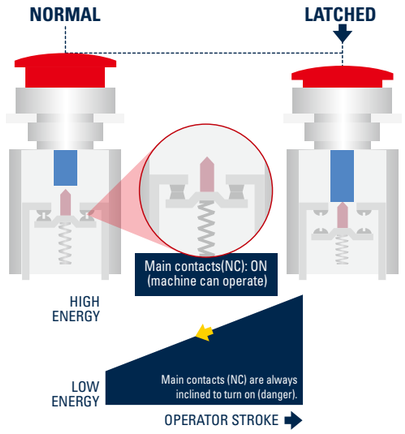
Improper installation or excessive force may render Conventional E-stops incapable of stopping a machine. In the event the switch is damaged due to excessive shocks, the NC contacts will turn off, thus stopping the machine (patented design).

IDEC X-SERIES



E-stops with reverse-energy structure always default to a safe condition.

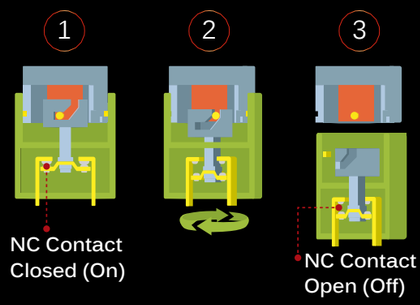
CONVENTIONAL E-STOPS



Conventional E-stops use spring pressure on Normally Closed (NC) contacts, which increases the likelihood of the e-stop failing in an unsafe condition.

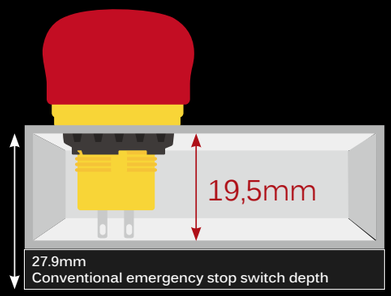
FAIL-SAFE DESIGN

Normally Closed contacts are in the open state if the contact block is not properly attached to the switch.



SPACE-SAVING DESIGNS

Designed with minimal behind-the-panel depths, there is an IDEC E-stop to fit even the shallowest panels.



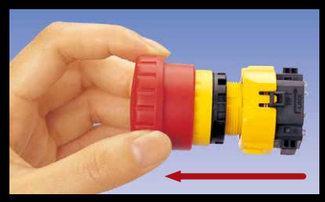
PREVENTING ACCIDENTAL RESET: PADLOCK E-STOPS

Developed to prevent unauthorized or accidental resetting of latched emergency stop switches by allowing the use of up to 12 padlocks, XN4E padlock-type E-stops increase operator safety during machine maintenance.

TWO-IN-ONE E-STOPS OFFER MORE

X-series emergency stops can be reset either by pulling or turning the operator (push-to-lock, pull/turn-to-reset).

TURN RESET



PULL RESET

E-STOPS RANGE

									
	X6	**XA - unibody**	**XA**	**YW**	**HW**	**XW**	**XN1E/XN5E**	**XN4E**	**EU2B**
	Ergonomic, smooth and elegant design ideal for applications requiring cleanliness and prevention of dust.	Ideal for smaller machines. Mount in a 16 mm hole and have shallow depth behind the panel.	Compact product with all the latest advanced features for security.	Modular product with essential functions.	A wide variety of options.	Feature rugged construction. Numerous versions and options available to fulfill all applications.	Offer robust construction with a shallow panel depth.	Add an additional layer of safety with a lockout feature that prevents unauthor-ized resetting of a latched e-stop.	Ideal for applications in hazardous locations with explosive gases, such as oil & gas, petrochemical, painting and more.
	Smooth head					Green visual indicator		Built-in padlock	Hazardous Location
SAFE BREAK TECHNOLOGY	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No
PANEL HOLE SIZE	16 mm panel hole	16 mm panel hole	16 mm panel hole	22 mm panel hole	22 mm panel hole	22 mm panel hole	30 mm panel hole	30 mm panel hole	30 mm panel hole
OPERATOR SIZES	Ø 30 mm, Ø 40 mm	Ø 29 mm, Ø 40 mm	Ø 29 mm, Ø 40 mm	Ø 40 mm	Ø 29 mm, Ø 40 mm, Ø 60 mm	Ø 38 mm, 40 mm, Ø 60 mm	Ø 40 mm, Ø 60 mm	Ø 44 mm	Ø 40 mm
NUMBER OF CONTACTS	up to 2 NC: 1,2 / NO: 0	up to 2 NC: 1,2 / NO: 0	up to 4 NC: 1,2,3,4 / NO: 0,1	up to 2 (ill.), 3 (non-ill.) NC: 1,2,3 / NO: 0,1	up to 4 NC: 1,2/ NO: 0,1,2	up to 4 NC: 1,2,3,4 / NO: 0,1	up to 4 NC: 1,2,3,4 / NO: 0,1	up to 4 NC: 1,2,3,4 / NO: 0,1	up to 3 NC: 1,2,3 / NO: 0,1
TERMINAL CONNECTION	solder/tab, solder	solder/tab, solder	solder, PCB	screw	screw	screw, solder, PCB	screw	screw	screw
OPERATION	Push to lock, turn or pull to reset				Push to lock; pull, turn or key to reset	Push to lock, turn or pull to reset		Push to lock, turn to reset	Push to lock, turn or pull to reset
ILLUMINATION			Yes	Yes		Yes Push on illumination	Yes Push on illumination	Yes Push on illumination	
CERTIFICATIONS	cULus TÜV CE EAC	cULus TÜV CE EAC	cULus TÜV CE EAC	cULus TÜV CE EAC	cUL LISTED UL LISTED EMERGENCY STOP DEVICE cULus TÜV CE EAC	cUL LISTED UL LISTED EMERGENCY STOP DEVICE cULus TÜV CE EAC	cUL LISTED UL LISTED EMERGENCY STOP DEVICE cULus TÜV CE EAC	cUL LISTED UL LISTED EMERGENCY STOP DEVICE cULus TÜV CE EAC	cUL LISTED TÜV CE Ex Class I Zone 1 IECEx

ALL ASSOCIATED ACCESSORIES

NAMEPLATES

SWITCH GUARDS

REPLACEMENT LED

PADLOCK COVER

ENCLOSURES

LED INDICATORS

ABOUT IDEC

IDEC'S MAIN PRODUCT FAMILIES

SWITCHES | SAFETY | PANEL | AUTOMATION

IDEC PRODUCTS ARE ESSENTIAL

Best-in-class
Field-proven and reliable products

Environment-friendly
Long-lasting and efficient products

Enhanced safety
Custom solutions
Fully ISO compliant

22
FACTORIES

3 900
EMPLOYEES

70
YEARS
OF EXPERIENCE

100 000 +
REFERENCES

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