

SAFETY SOLUTIONS

IDEC EXCLUSIVE

Ø16 XA SERIES, SHORT BODY UP TO 4 CONTACTS



2 WAYS OF RESETTING:
PULLING OR TURNING

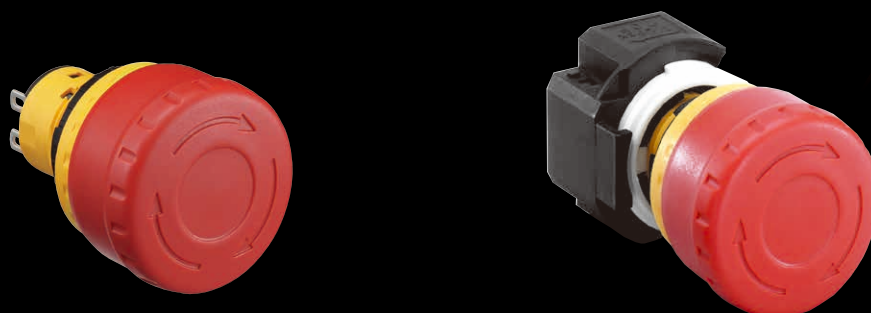
- ILLUMINATED OR NON-ILLUMINATED
- PUSH-TO-LOCK, PULL OR TURN-TO-RESET OPERATOR
- SAFETY LOCK MECHANISM
- DIRECT OPENING ACTION MECHANISM
- REVERSE ENERGY STRUCTURE
- SAFE BREAK ACTION WITH REMOVAL CONTACT



SAFETY SOLUTIONS

Ø16 XA SERIES

EMERGENCY STOP SWITCHES



Series	Mounting Hole Size (mm)	Operator Size (mm)	Terminal Style			Protection Degree	Contact Material / Contact Rating	International Approvals				
			Solder Terminal	Solder/Tab Terminal	PC Board Terminal			UL	CSA	TÜV	CCC	CE
XA (Unibody)	Ø16.2	Ø29 Ø40	X	X		IP65 IP40	Silver with Gold Contacts: 0.22A (125V AC), 1A (30V DC)	X	X	X	X	X
XA (w/ Removable Contact Block)	Ø16.2	Ø30 Ø40	X		X	IP65	Silver with Gold Contacts: 0.22A (125V AC), 1A (30V DC)	X	X	X	X	X

EN 60947-5-1 EN60947-5-5

TOP APP : OPERATION PANEL



Ø16 X6 SERIES

EMERGENCY STOP SWITCHES

SMOOTH DESIGN AND SHORT BODY

- Prevent dust build-up
- Push-to-lock, pull or turn-to-reset operator
- Safety lock mechanism
- Direct opening action
- Safe break action



Series	Mounting Hole Size (mm)	Operator Size (mm)	Terminal Style			Protection Degree	Contact Material / Contact Rating	International Approvals				
			Solder Terminal	Solder/Tab Terminal	PC Board Terminal			UL	CSA	TÜV	CCC	CE
X6	Ø16.2	Ø30 Ø40	X	X		IP65	Silver with Gold Contacts: 0.22A (125V AC), 1A (30V DC)	X	X	X	X	X

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TOP APP : OPERATION PANEL

Ø22 XW SERIES

EMERGENCY STOP SWITCHES

THE WORLD'S SAFEST E-STOP

- Illuminated type, mechanical indicator type available
- Push-to-lock, pull or turn-to-reset operator
- Direct opening action mechanism
- Safety lock mechanism
- Safe break action with removal contact



Series	Mounting Hole Size (mm)	Operator Size (mm)	Terminal Style			Protection Degree	Contact Material / Contact Rating	International Approvals				
			Solder Terminal	Solder/Tab Terminal	PC Board Terminal			UL	CSA	TÜV	CCC	CE
XW	Ø22.3	Ø40 Ø60	X	X	X	IP65 IP67	Silver with Gold Contacts: 0.22A (125V AC), 1A (30V DC)	X	X	X	X	X
XW (Mechanical Indicator)	Ø22.3	Ø38	X			IP65	Silver with Gold Contacts: 0.22A (125V AC), 1A (30V DC)	X	X	X	X	X

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TOP APP : OPERATION PANEL



HE3B/HE5B SERIES

THREE-POSITION ENABLING SWITCHES

ENHANCED SAFETY

- Duplicated contacts to meet the highest safety standards
- Exceptional tactile feedback and ergonomics
- Different sizes and shapes to fit all teaching pendants



Series	Mounting Hole Size (mm)	Contact	Protection Degree	International Approvals				
				UL	CSA	TÜV	CCC	CE
HE3B	Ø16	2	IP40 IP65	X		X	X	X
HE5B	Ø16	2	IP65	X		X	X	X

TOP APP : TEACHING PENDANTS



LD6A SERIES

LED SIGNALIGHT TOWERS

ERGONOMICALLY DESIGNED FOR VISUAL AND AUDIBLE RECOGNITION

- Steady / flashing / alarm models available
- Flashing cycle complies with IEC standards
- Stylish design
- Easy installation and assembly
- High visibility from all directions
- 5 mounting options, including: direct mount, pole mount, side mount



Series	Housing Color	Illumination Color	Protection Degree	International Approvals				
				UL	CSA	TÜV	CCC	CE
LD6A	Dark gray, Light gray	Red, Yellow, Blue, Green, Pure white	IP54 IP65	X		X		X

TOP APP : STATUS INDICATION



HS1T SERIES

INTERLOCK SWITCHES

SUPER ROBUST, SAFETY LOCKING MECHANISM

- 5000N locking strength
- Unique safety structure
- 2- and 4-contact models available
- Spring clamp terminals
- M20 cable entry with side and end entry option



Series	Contact	Actuator Retention Force	Dimensions (mm)	Protection Degree	International Approvals				
					UL	CSA	TÜV	CCC	CE
HS1T	2,4	5000N	40 (W) × 40 (L) × 143 (H)	IP67	X		X	X	X

TOP APP : MACHINE GUARDING



SAFETY SOLUTIONS

HS5L SERIES

INTERLOCK SWITCHES

SPACE-SAVING COMPACT DESIGN

- 1400N locking strength
- 2- and 4-contact models available
- Spring clamp terminals
- Spring loaded actuator
- Emergency release button



Series	Contact	Actuator Retention Force	Dimensions (mm)	Protection Degree	International Approvals				
					UL	CSA	TÜV	CCC	CE
HS5L	2, 4	1400N	35 (W) × 61.6 (L) × 127 (H)*	IP67	X		X	X	X

TOP APP : MACHINE GUARDING



HS5D SERIES

INTERLOCK SWITCHES

SIMPLE METHOD FOR INTERLOCK SAFETY

- Head removal detection for fail safe performance
- Small size with 3 contacts
- The head orientation can be rotated, allowing 8 different actuator entries
- Double insulation structure eliminates the need for grounding
- Metal head is available for more aggressive applications



Series	Contact	Dimension (mm)	Protection Degree	International Approvals				
				UL	CSA	TÜV	CCC	CE
HS5D	3	30 (W) × 30 (L) × 91 (H)	IP67	X		X	X	X

TOP APP : MACHINE GUARDING



HR SERIES

SAFETY RELAY MODULES

SAFETY CIRCUIT MONITORING

- Safety monitoring compliant to EN ISO 13849
- Single and dual channel safety monitoring
- Removable terminals with push in feature
- Time delay options for Category 1 Stop requirements
- Configurable logic functions available



Series	Type	Supply voltage	Contacts	Form factor	Category	Performance Level/ SIL	Terminal configuration	UL	CSA	TÜV	CCC	CE
HR1	Safety Relay	24Vdc	Volt Free contacts / Transistor	22,5	4	Ple/SIL3	Screw/Spring clamp	X	X	X		X
HR2	Safety Relay	24Vdc	Volt Free contacts / Transistor	22.5/45	4	Ple/SIL3	Screw/Spring clamp			X		X
FS1A	Programmable safety logic	24Vdc	4 OSSD. 11 Signal	22,5	4	Ple/SIL3	Screw/Spring clamp	X	X	X		X

TOP APP : CONTROL PANEL

PANEL SOLUTIONS



IDEC EXCLUSIVE

LF1D SERIES, EXCELLENT RESISTANCE AGAINST HARSH ENVIRONMENTS

- SPECIAL OPTICAL LENS SUITABLE FOR ILLUMINATION OF MACHINE TOOLS
- OIL-PROOF
- EASY VISUAL INSPECTION
- REDUCED MULTI-SHADOW MAKES VISUAL INSPECTION EASY
- UNIFORM LIGHTING – ILLUMINATES MULTISHADOW
- IP69K
- MANY SIZE OPTIONS AVAILABLE TO SUIT THE APPLICATION

PANEL SOLUTIONS

LF1D/LF2D SERIES

LED ILLUMINATION UNITS



Series	Light Distribution	Shape	Illumination Surface	Total Luminous Flux (typ.)	Reference Illuminance (typ.) at 1m	Protection Degree	International Approvals				
							UL	CSA	TÜV	CCC	CE
LF1D	Standard	Surface mount	Reinforced glass/ Polycarbonate	560 ~ 3000lm	180 ~ 1,700lx	IP67/67F/67G/69K	X	X			X
LF2D	Diffused	Recessed mount					X	X			X

TOP APP : LED ILLUMINATION



PANEL SOLUTIONS

LF1B-N SERIES

LED ILLUMINATION UNITS

COST
EFFECTIVE
INDUSTRIAL
LIGHTS

- Compact design for narrow spaces
- 6 different lengths and 6 distinct colors
- IP65 (waterproof, dustproof)
- Sizes from 210mm to 1080mm



Series	Reference Illuminance (typ.) at 0.5m	Protection Degree	International Approvals				
			UL	CSA	TÜV	CCC	CE
LF1B-N	20 to 1,300 lx	IP65	X	X			X

TOP APP : LED ILLUMINATION



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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