



**CONTROL &  
AUTOMATION  
PRODUCTS**

*Think Automation and beyond...*



# Whether it is inside your panel...



Barriers

LED Machine Lighting



Programmable Logic Controllers

Power Supplies



Relays



Terminal Blocks



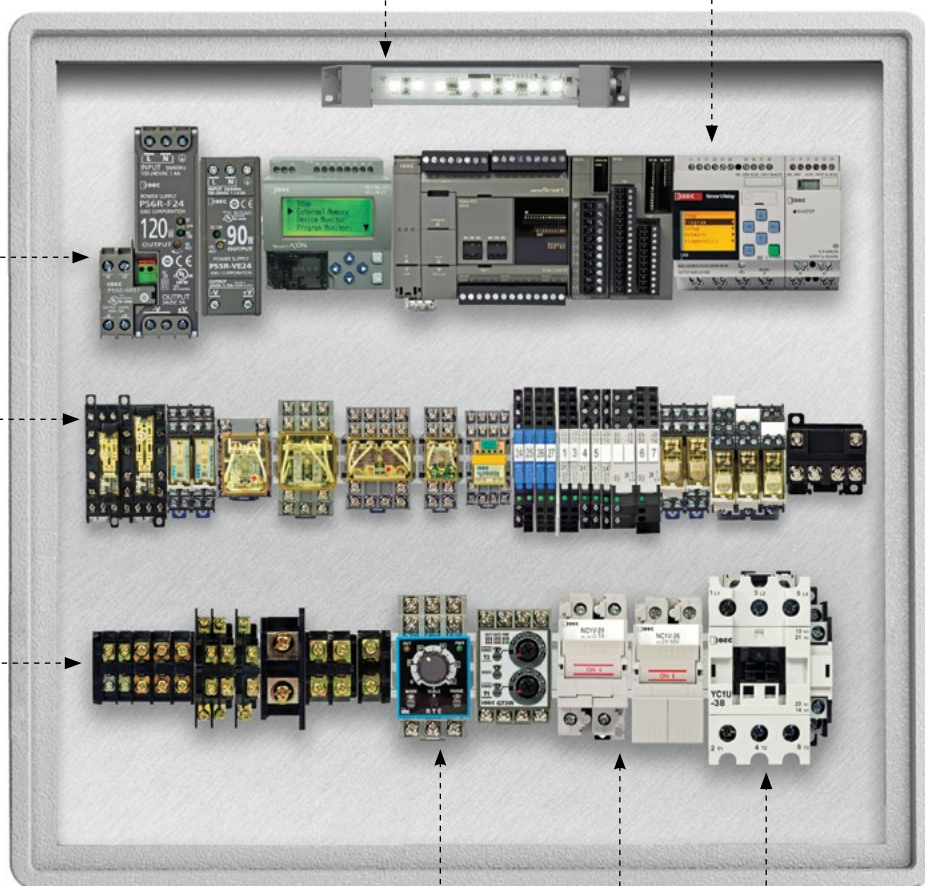
Timers



Circuit Breakers



Contactors & Motor Starters



Signaling Lights



HMI



HMI + PLC



Emergency Stops



Switches & Pilot Devices



Safety Products



800.262.4332

[www.IDEC.com/usa](http://www.IDEC.com/usa)

# or your production line....

Signaling Lights



HMI Touchscreens



Safety Products

Product Categories

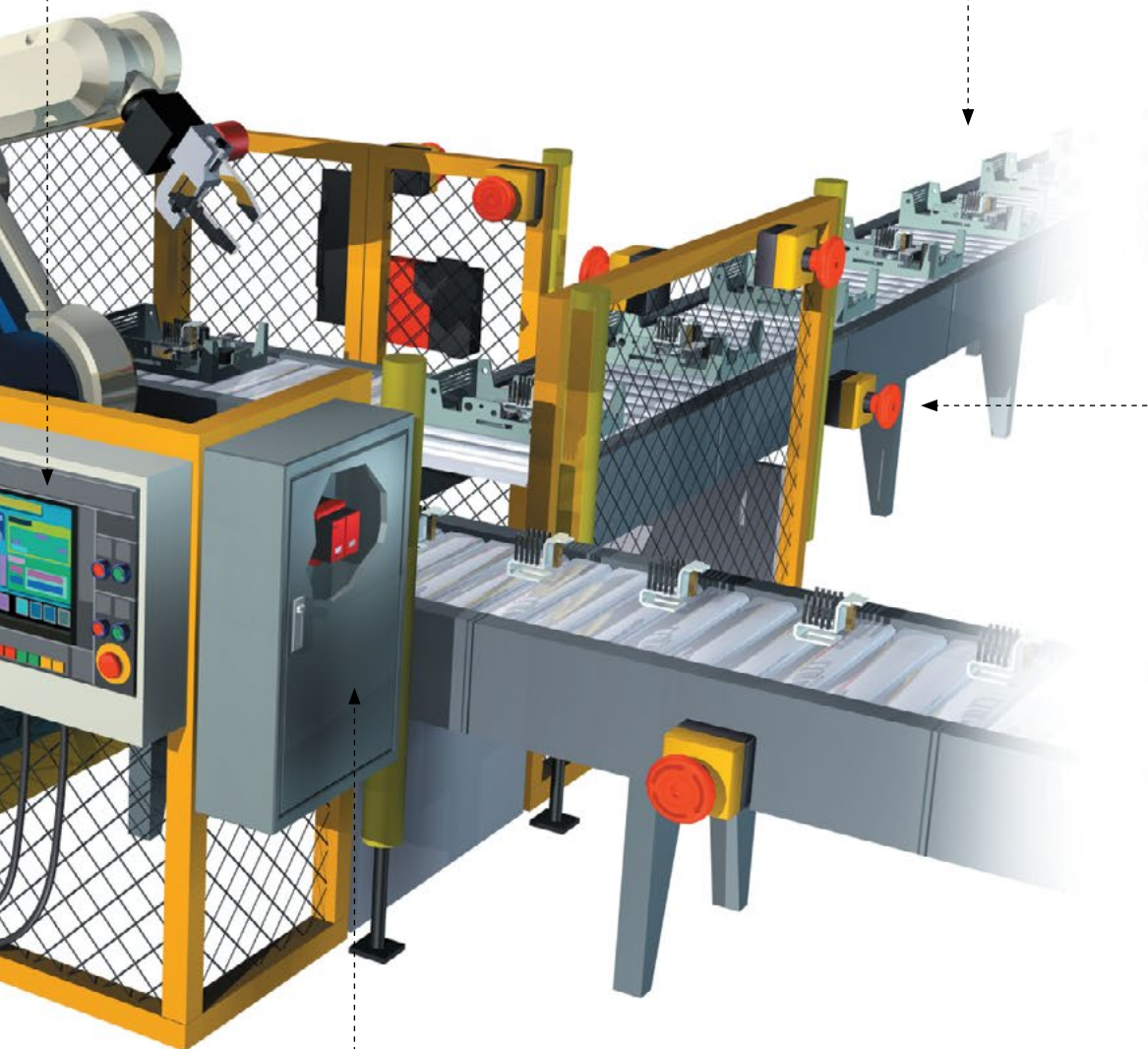
- LED Machine Lighting
- Automation & Sensing
- Safety
- Switching & Controls



Switches



Sensors



Emergency Stops



Programmable Logic Controllers

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# IDEC has the complete Control and Automation

## LED Machine Lighting

### Heavy Duty Machine Tool Lighting



- Wide range of sizes: 100mm to 510mm
- Brightest in their class at up to 67.2 Lumens/Watt
- Life: 70% of initial luminance at 50,000 hrs
- Standard or recessed mounting for lower profile

### General Machine Lighting



- Six different lengths (134 to 1,080mm)
- Space saving: Width 27.5mm, Thickness 16mm
- Long life: Five times longer than fluorescent lamps
- Vibration and shock resistant

### General Machine Lighting



- Energy saving: One-third of fluorescent lamps
- Long life: 40,000 hours (Half-life)
- Multiple sizes and color configurations
- Rated voltage up to 24V DC

### Hazardous Location Lighting



- Explosion-proof LED illumination
- Two types of light distribution
- On/off switch for ease of operation
- Adjustable or fixed angle mounting

## Automation & Sensing

### HMI Touchscreens



- Basic and high-performance models with wide range of connectivity
- Super-bright, sharp LCD screens
- Up to 65K colors supported
- Remote access, monitor and control plus multimedia

### PLCs



- Fastest micro PLC in the market
- Maximum 512 I/Os
- Embedded Ethernet and USB ports
- All models meet the highest safety standards

### Sensors



- Vision, application, universal photoelectric and proximity
- Variety of housing sizes, styles and functions
- High reliability and precision
- High-speed response times

### Power Supplies



- Slim, standard or metal frame
- 7.5W, 10W, 15W, 25W, 30W, 50W, 60W, 75W, 90W, 100W, 120W, 240W & 480W
- Convenient mounting options
- Worldwide approvals

## Safety

### E-Stops



- 16mm, 22mm and 30mm
- Unique "safe-break action" technology
- Turn-reset and push-pull functions built-in
- Available in both plastic or metal bezel and finger-safe contacts

### Interlock Switches



- Basic and solenoid locking models
- Subminiature to full-size models
- Up to 6 contacts
- Integrated cable or screw termination

### Enabling Switches



- Ergonomic three-position functionality
- Variety of contact configurations
- DPDT contacts
- Available with or without rubber covers for watertight seal

### Safety Relays



- EN ISO 13849-1 PLe, Safety Category 4 compliant and EN 62061 SIL 3
- Removable and fixed terminal models
- LED status indicators
- Finger-safe protection

## Switching & Controls

### Switches & Pilot Devices



- 8mm, 16mm, 22mm and 30mm
- Illuminated pushbuttons, pushbuttons, pilot lights, selector switches and key selector switches
- Solder terminals, screw terminals or PC board pins for direct board mounting
- Metallic or black bezels, standard or flush mount models

### Signaling Lights



- 360-degree visibility of status
- LED or incandescent lamp illumination
- Steady and flashing units with optional alarm
- Five mounting styles

### Relays



- General purpose, PCB, latching, interface and force-guided models
- Contact ratings up to 16A
- Correlating sockets available
- DIN rail, panel or PCB mounting

### Circuit Breakers



- Available in 1, 2 or 3 poles
- Current ratings up to 50A
- Standard and electronic time delay curves
- DIN rail, socket or panel mount options

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