



*Think Automation and beyond...*

**Control & Automation Products**

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IDEC CORPORATION

# Whether it is inside your panel...

LED Machine Lighting



Barriers

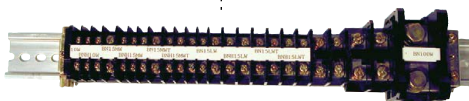


Programmable Logic Controllers

Power Supplies



Relays



Terminal Blocks



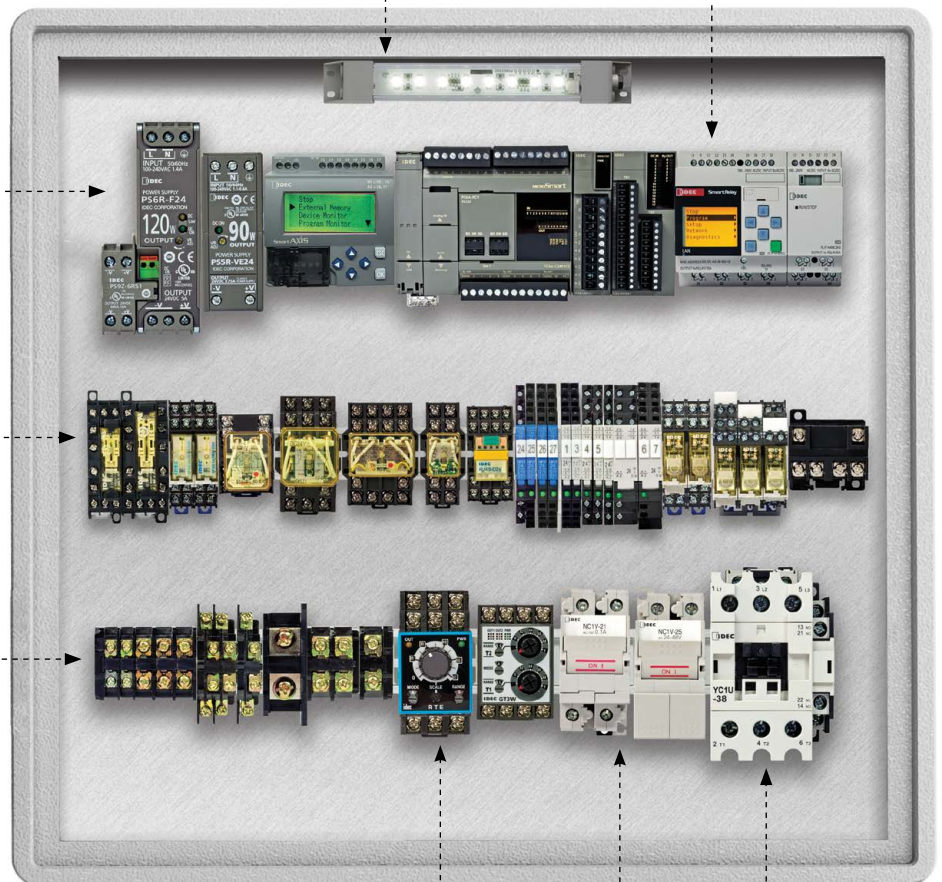
Timers



Circuit Breakers



Contactors & Motor Starters





Signaling Lights



HMIs



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



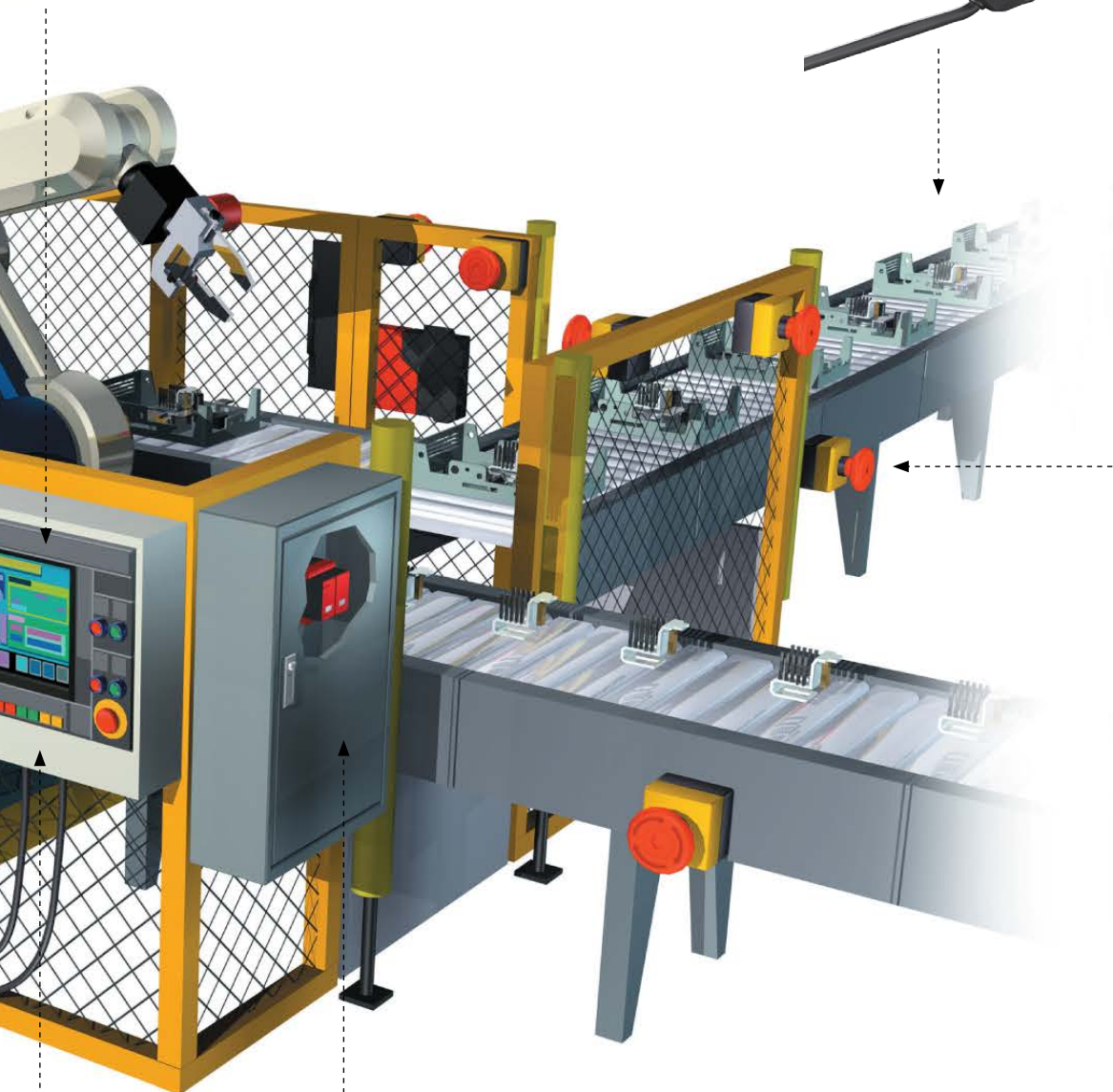
Safety Products



Switches







Programmable Logic Controllers

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# IDEC has your complete Control and Automation

## LED Machine Lighting



### Heavy-Duty Machine Tool Lighting

- Rugged construction for harsh environments
- High environmental ratings of IP67, IP67G, IP69K
- Brightest in their class at up to 3000lm
- Rewired and M12 quick disconnect
- Wide range of sizes: 100mm to 510mm
- Reinforced glass lens with stainless steel cover



### General Machine Lighting

- Wide range of sizes: 134mm to 1080mm long
- Space saving: Width 27.5mm, Thickness 16mm
- Cool white, Warm white, Yellow, Red, Blue, Green
- IP65 degree of protection (waterproof, dustproof)

### General Machine Lighting

- Available in 12/24V DC, 100/240V AC
- Multiple sizes: 210mm to 1080mm
- Slim units: 40mm wide x 29mm high
- Clear or Warm white
- One-step installation in a narrow space
- Bright and clear white LED illumination

### Hazardous Location Lighting

- Class I, Zone 1 and Zone 2
- Type 4X rating
- Heavy-duty aluminum housing with reinforced lens
- Models with ON/OFF switch available
- Available with adjustable, fixed angle or no mounting brackets
- Narrow-angle and wide-angle beam models available



### HMI Touchscreens

- Brightest on the market
- Best-in-class LED backlight life
- High quality and performance screens
- Support of enhanced features and functionality with more connectivity
- Class I, Div 2 rating for hazardous location



### SmartRelay

- Embedded RJ45 Ethernet Port
- Data Logging
- Integrated Web Server
- iOS and Android App available



### PLCs

- Dual Ethernet ports
- iOS and Android app
- Maximum 2,060 digital I/O
- Maximum 511 analog I/O
- Bluetooth communication



### Sensors

- Vision, universal photoelectric sensors and proximity sensors
- 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



### 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



### Safety Relays

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



### Laser Scanner

- Protection zone (safety): 5m
- 270-degree sensing angle
- Customizable protection patterns
- PLd, Safety Category 3, SIL2

## 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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