# IDEC

## CONTROL &
## AUTOMATION
## PRODUCTS

*Think Automation and beyond...*

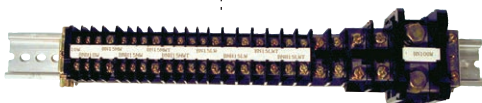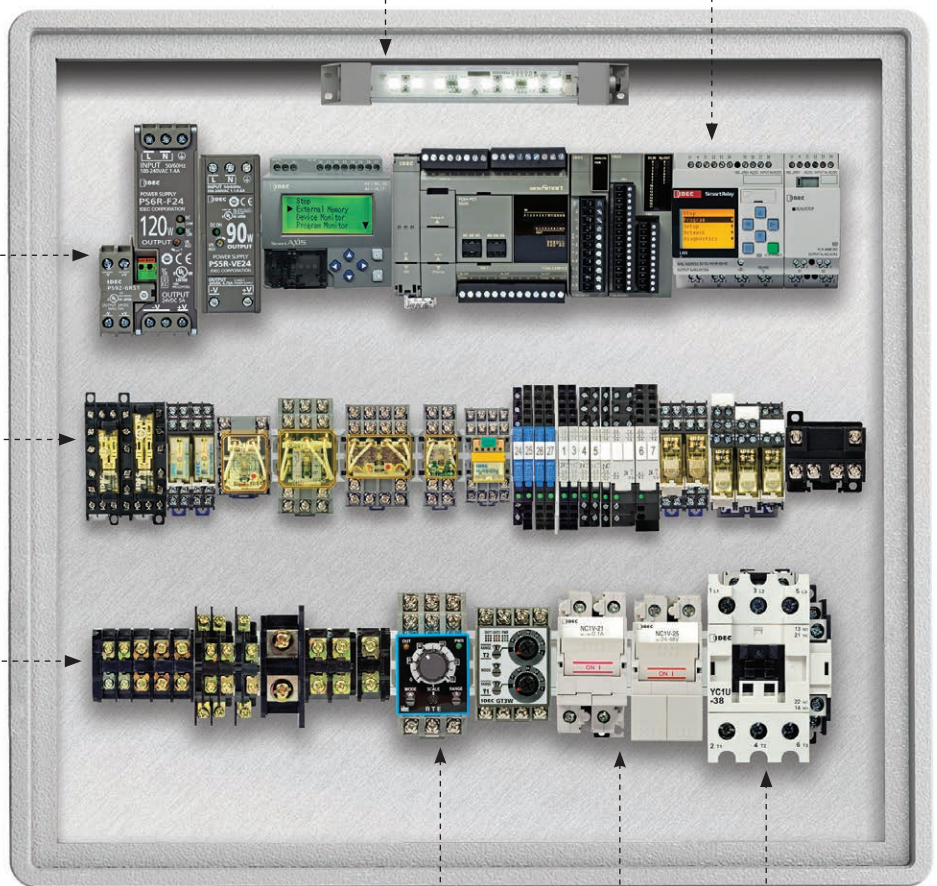LED Machine Lighting

Barriers

Programmable Logic Controllers

Power Supplies

Relays

Terminal Blocks
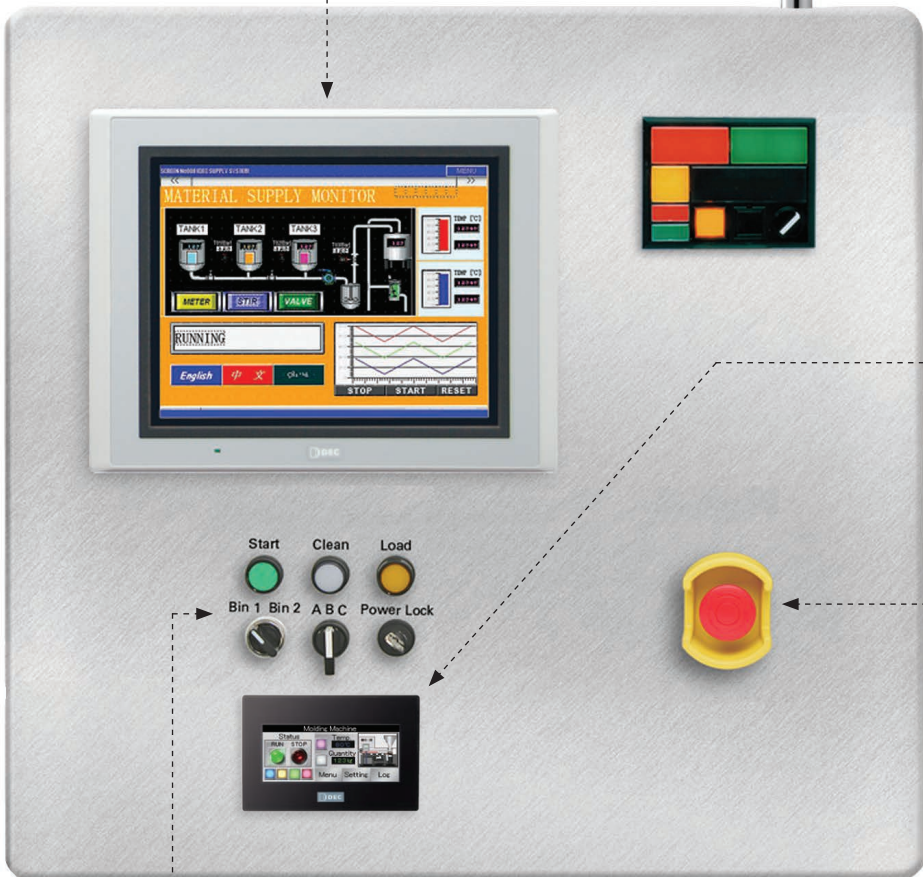
Timers

Circuit Breakers

Contactors & Motor Starters

2

Signaling Lights

HMI

HMI + PLC

Emergency Stops

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Switches & Pilot Devices

Safety Products

3

# or your production line....

Signaling Lights

HMI Touchscreens

Safety Products

Product Categories
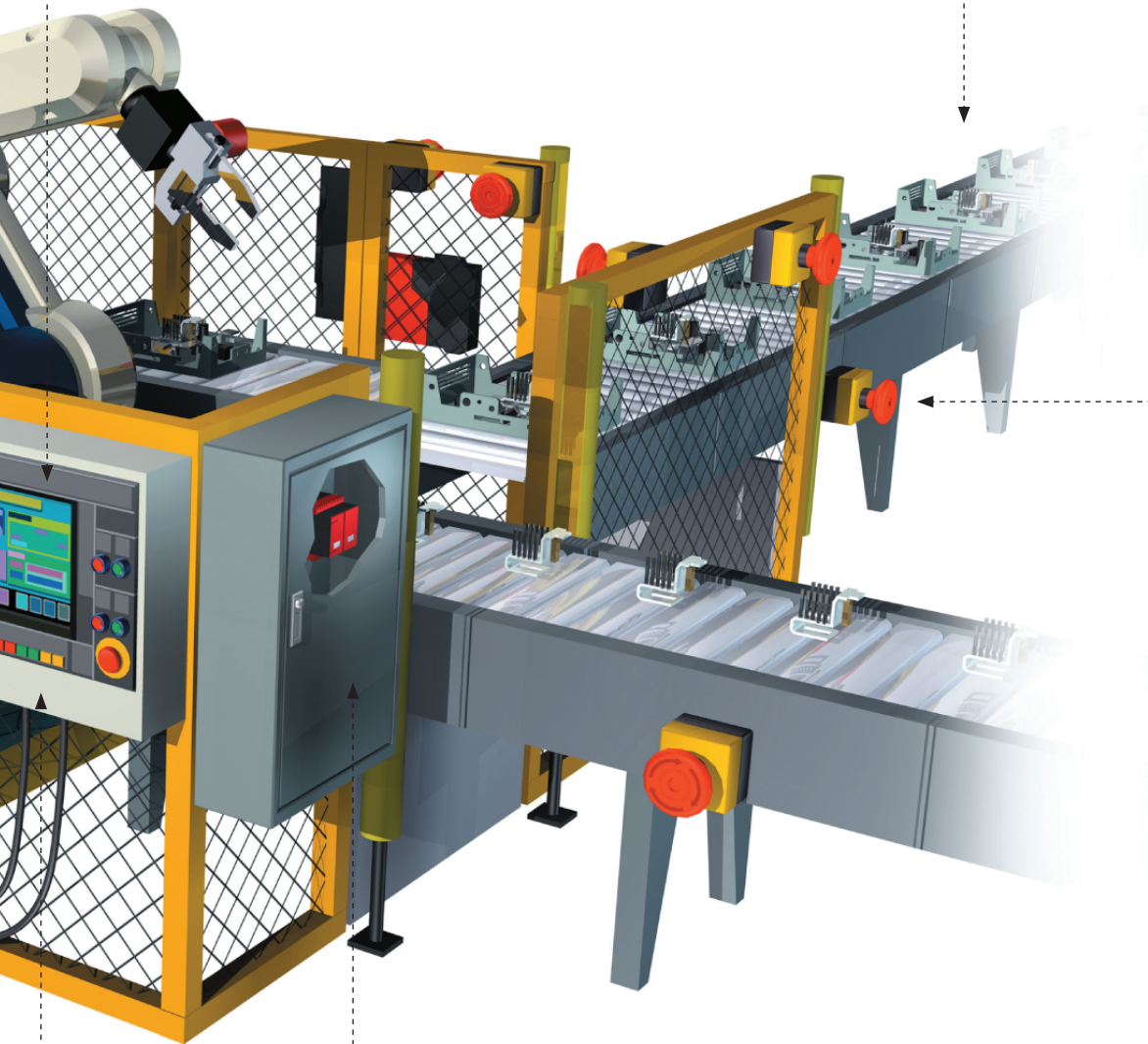- **LED Machine Lighting**
- **Automation & Sensing**
- **Safety**
- **Switching & Controls**

Switches

Sensors

Emergency Stops

www.IDEC.com/usa

Programmable Logic Controllers

## LED Machine Lighting

## Automation & Sensing

### 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

### 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

### 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

### PLCs

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

### 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

### Sensors

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

### Hazardous Location Lighting

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

### 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

# Solution!

## Safety | Switching & Controls

### 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

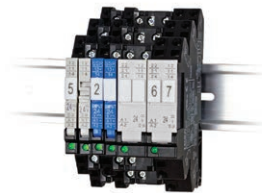### Switching & Controls

#### 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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# Find it all in the Virtual Catalog!

The IDEC Industrial Automation & Control catalog is available online at **www.IDEC.com/catalog**. Updated regularly and featuring over 40,000 products, this virtual catalog lets you bookmark pages and link directly to any series of interest to you, as well as search for part numbers and download specs.

Interested in more information on product features, benefits and applications? Brochures, selection guides, instruction manuals, technical notes and more are available for download at **www.IDEC.com/usa/literature**.

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