Think Automation and beyond...
Whether it is inside your panel...
or your production line....

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

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

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# 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
- Convenient mounting options
- Worldwide approvals

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IDEC has the complete Control and Automation Solution!
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

Switches & Pilot Devices

**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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