

# PRODUCTS & SOLUTIONS FOR MACHINE TOOLS & SPMs



## Interfacing



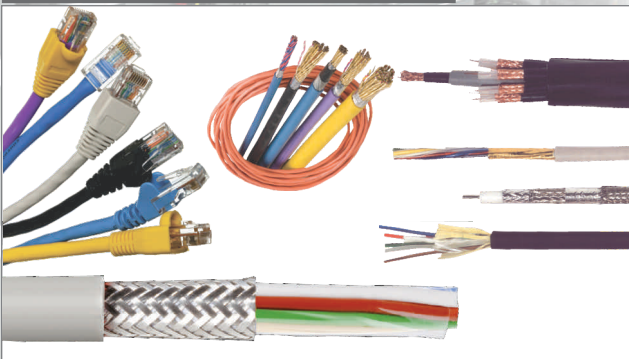
- SMPS:** Input - Single & Three phase AC/DC  
Output – 0.42 Amp up to 40 Amp, 5/12/24/48 V DC  
Configurable in parallel  
Open circuit and continuous short-circuit proof  
Redundant operation with integrated isolation  
High efficiency  
Protection class 1 and 2  
UL and Class 1 Div.2, A,B,C,D, T4, CE, TUV approved
- Relays:** 2 & 4 C/O versions  
Rated Current: 5 to 20 Amp  
Coil voltage: 5 to 220 V DC & 6 to 380 V AC  
Mounting : Plug-in Sockets for DIN rail & PCB  
CE; UL; CSA; VDE & LRS approved
- Micro Compact Relay With Base:**  
AC/ DC 250 V, 6A, 24/ 230 V AC/DC, 1 C/O  
Width 6.2mm, CE approved

## Communication



- Ethernet Switches:**  
Layer-2, Layer-3, Managed, Unmanaged Industrial Ethernet Switches
- Media Converters:**  
Ethernet, Serial, Profibus to FO MM/SM Media converters
- Serial Gateways:**  
Serial to Ethernet, Serial to Fieldbus Gateways
- Fieldbus Gateways:**  
Fieldbus to Fieldbus, Fieldbus to Ethernet Gateways
- Wireless ,GSM/GPRS, Remote Monitoring:**  
Wireless 2.4/5GHz, GSM/GPRS, Remote monitoring solutions
- Ethernet, Fiber Optics Products & Accessories:**  
Ethernet, FO Patchcords, LIUs, Cables, Pigtails

## Cables



- Available for Stationary as well as Drag Chain & Robotic Duty Control :** 2 to 100 cores; PVC/PUR/TPE colour & Number coded; Shielded & Non-Shielded
- Data & Signal :** 2 to 52 core, Shielded & Non-shielded, PVC/PUR/TPE/PE; cores & twisted paired.
- Power :** PVC/PUR/TPE/XLPE, Shielded & Non-Shielded, 0.6/1KV, Low capacitance
- Feedback & Resolver:** Suitable for Siemens, Fanuc; Indramat, Lenze, B&R, Heidenhain etc
- Fieldbus :** Profibus, CANBus, CC-Link, DeviceNet, Modbus, Ethernet, Profinet
- Approvals :** CE, RoHS, UL, CSA, DESINA

## Tools & Accessories



- Hydraulic Hand Punchers :** With PG, Metric, Square, Rectangle & Special shape dies & punches
- DIN Rail Cutting & Punching :** Standard 35/7.5 mm, 35/15 mm, C-profile, G-profile, Copper Earthing rail.
- Wire Duct Cutters :** Cuts wiring ducts & covers up to 125mm width
- Magnetic Base Drilling machines :** Cutter Dimension dia. 12 to 130 mm & cutting depth 50 / 110 mm
- Metal Cutting Circular Saw :** Suitable for Tubes; threaded rods, profiles, cable ducts, corrugated & trapezoid sheets & many more
- Cutting; Stripping & Crimping Tools :** for types of Insulating cables & wires. And All types of Lugs & End Sleeves
- Flexible Conduits & Accessories :** Polyamide / PVC with IP 68 couplers
- Cable Glands & Accessories :** PG, Metric, NPT, threads in Polyamide & Brass
- End Sleeves :** Insulated & Non-Insulated



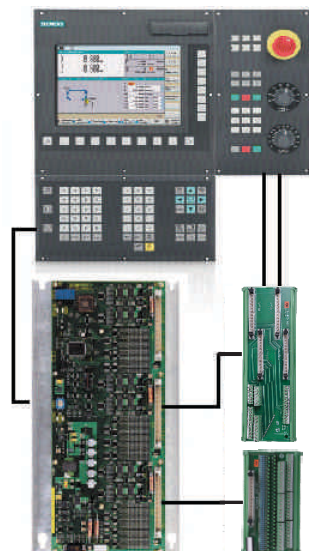
# UL INTERFACING SOLUTION FOR CNC MACHINE



**UL GROUP**  
Nothing's Complex

## UL Interfacing Modules for SINUMERIK 802D sl

CNC Operator Panel (PSU) MCP

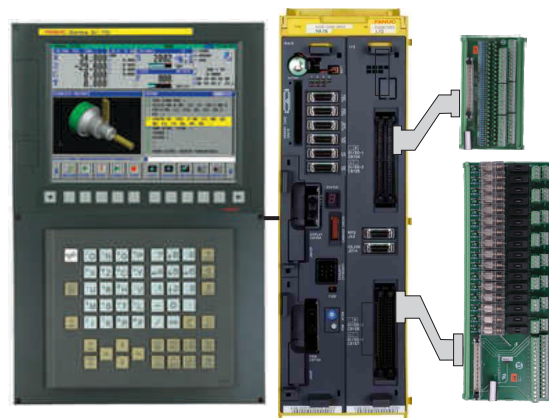


### UL Offerings for Siemens CNC 802D sl, 840D :

- Round 50 Core Cable with FRC,
- 50 Pin FRC to Screw Terminal Module
- 24I/P & 16O/P Relay Module
- MPG Box with Spiral Cable
- SSR Modules

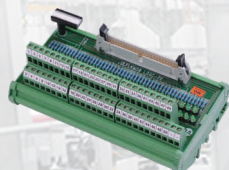
## UL Interfacing Modules for FANUC Oi

Machine Operator Panel

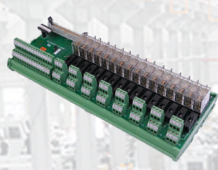


### UL Offerings for FANUC CNC:

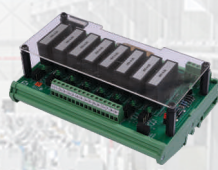
- Round 50 Core Cable with FRC
- 50 Pin FRC to Screw Terminal Module
- 24I/P & 16O/P Relay Module
- MPG Box with Spiral Cable
- SSR Modules
- CNC Interfacing Cable such as Rs232, Spindle Command, CRT Video Signal, MDI, I/O Link, MPG, Servo motor feedback, Spindle motor f/d, Position coder, Power Cables



ULFRC-TB



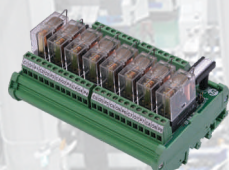
24I/16O Relay Module



Isolation Module



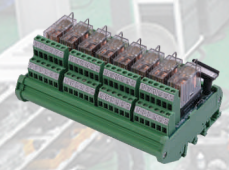
ULD-TB



UL Relay Module 1C/O



Slim Relay Module



UL Relay Module 2C/O



Honda Module



ULSSR Module



ULFW50/XX



ULDW25/XX-FO



ULDW25/XX

**UL GROUP OF COMPANIES**

Nirman Classic, Katraj-Kondhwa Road, Katraj, Pune - 411046. INDIA.  
Ph.: +91 20 26960040/50/60 Fax: +91 20 26962079  
E mail : sales@ulepl.com Website: www.ulepl.com