Lubi ® ©

Weidmüller ⋛⋚

Power Supplies

PROeco

Single Phase

- 1-phase switched-mode power supply modules
- Slim design
- Large temperature range from -25°C to 70°C
- Three-coloured LED indicators for simple error detection
- Advanced visual warning at 90% rated output current
- International approvals

Three Phase

- 3-phase switched-mode power supply modules
- Slim design
- Large temperature range from -25°C to 70°C
- Three-coloured LED indicators for simple error detection
- Advanced visual warning at 90% rated output current
- International approvals

PROmax

SEMI F47

Single Phase

- 1-phase switched-mode power supply modules
- Slim design
- High efficiency
- Power category from 70...960 W
- International approvals

Three Phase

- 3-phase switched-mode power supply modules
- Slim design
- High efficiency
- Power category from 120...960 W
- Wide range of approvals

PROtop

Single Phase

- 1-phase switched-mode power supply modules
- High MTBF values
- Cl. I Div. 2 +ATEX
- Power category from 72...960 W
- Output 12, 24 & 48 V DC

Three Phase

- Multiphase switched-mode power supply module
- 3 x 320...575 V AC or 2 x 360...575 V AC
- 450...800 V DC
- UL approval
- Power category 120...960 W

Type	1-phase	3-phase	Input voltage AC	Input voltage DC	Output Nominal voltage/current (DC)	Adjustable Output	Parallel Running	Dimensions width x height x depth in mm	Recommended upstream Mini Circuit Breaker (MCB) 120Vac L-N	2400Vac L1-N2	Order Number
PRO ECO 72W 24V 3A	●		85 - 264 V	80 - 370 V	24 V/ 3 A	22...28 V DC	●	34 x 125 x 100	BR1C4UC	BR2C4UC	1469470000
PRO ECO 120W 24V 5A	●		85 - 264 V	80 - 370 V	24 V/ 5 A	22...28 V DC	●	40 x 125 x 100	BR1C5UC	BR2C5UC	1469480000
PRO ECO 240W 24V 10A	●		85 - 264 V	80 - 370 V	24V/ 10 A	22...28 V DC	●	60 x 125 x 100	BR1C4UC	BR2C4UC	1469490000
PRO ECO 480W 24V 20A	●		85 - 264 V	80 - 370 V	24 V/20 A	22...28 V DC	●	100 x 125 x 120	BR1C8UC	BR2C8UC	1469510000
PRO ECO 960W 24V 40A	●		85 - 264 V	80 - 370 V	24 V/ 40 A	22...28 V DC	●	160 x 125 x 120	BR1C16UC	BR2C16UC	1469520000
PRO ECO 72W 12V 6A	●		85 - 264 V	80 - 370 V	12 V/ 6 A	10... 16 V DC	●	34 x 125 x 100	BR1C4UC	BR2C4UC	1469570000
PRO ECO 120W 12V 10A	●		85 - 264 V	80 - 370 V	12 V/ 10 A	10... 16 V DC	●	40 x 125 x 100	BR1C5UC	BR2C5UC	1469580000
PRO ECO 240W 48V 5A	●		85 - 264 V	80 - 370 V	48 V/ 5 A	42... 56 V DC	●	60 x 125 x 100	BR1C4UC	BR2C4UC	1469590000
PRO ECO 480W 48V 10A	●		85 - 264 V	80 - 370 V	48 V/ 10 A	42... 56 V DC	●	100 x 125 x 120	BR1C8UC	BR2C8UC	1469610000
									L1-L2-L3		
PRO ECO3 120W 24V 5A		●	3 x 340 - 575 V	450 - 870 V	24 V/ 5 A	22...28 V DC	●	40 x 125 x 100	BR3C3UC		1469530000
PRO ECO3 240W 24V 10A		●	3 x 340 - 575 V	450 - 870 V	24V/ 10 A	22...28 V DC	●	60 x 125 x 100	BR3C3UC		1469540000
PRO ECO3 480W 24V 20A		●	3 x 340 - 575 V	450 - 870 V	24 V/ 20 A	22...28 V DC	●	100 x 125 x 120	BR3C5UC		1469550000
PRO ECO3 960W 24V 40A		●	3 x 340 - 575 V	450 - 870 V	24 V/ 40 A	22...28 V DC	●	160 x 125 x 120	BR3C8UC		

Relays

D-SERIES

- Control voltages from 12 V to 230 V
- Switching currents from 5 A to 30 A
- 1 to 4 changeover contacts
- Variants with built-in LED or test button
- Tailor-made accessories from cross-connections to marker
- Available with PUSH IN or screw connection

TERMSERIES

- The all-rounder
- Modular relay modules from 6 mm width with extensive accessories
- Large selection of variants
- Unlimited cross-connection possibilities.

RIDERSERIES

- High-quality universal relays
- sophisticated details and international approvals
- various designs for a wide range of industrial applications

Industrial Connectivity Portfolio

POWER

Stud Terminal Blocks

- IEC finger safe design with integrated hinged covers
- UL/CSA rated for 1000V/ 85-500A/14AWG-600MCM
- Power distribution via 2 and 3 pole bus bars
- Vibration resistant, fixed washer/nut assembly
- Over 15 configurations available

MODULAR TERMINAL BLOCKS

AC & DC Power Monitoring

- For voltage distribution or load monitoring
- Single or 3-phase voltages
- AC Current up to 500A
- Isolated analog or relay output
- cULus and Class/Div Approvals

ANALOG SIGNAL CONDITIONING

SIGNAL

Terminal Blocks

- Global approvals : UL, CSA, IEC, Gost
- Screw, tension, push-in and IDC Terminations
- UL 508A SCCR approved
- Fuse, feedthrough, ground, disconnect
- Self-locking screw clamp system

MODULAR TERMINAL BLOCKS

Fuse Terminal Blocks

- 5 x 20/25mm, 1F' x 1/4', 13/32' x 1¾ and midget
- Blown fuse indication
- Low leakage terminals (0.5 mA)
- 100% vibration resistant
- Self-locking screw clamp system

MODULAR TERMINAL BLOCKS

DATA

Industrial Ethernet Connectors and Cables

- Cat 6a connectors and cable for all industrial ethernet applications
- PROFINET, SERCOS III, Ethernet IP....
- RJ45, M12 D and x Coded
- LC, SC, SCRJ and ST fiber optic connectors
- Shielded and unshielded assemble cables
- Wide assortment of cut to length bulk cable

INDUSTRIAL ETHERNET

Industrial Ethernet Switches

- Managed and unmanaged
- GigE and POE
- Support copper (RJ45)
- Fiber optic (SC, ST, LC)
- With relay status contacts
- Metal and plastic housings

INDUSTRIAL ETHERNET

FIELD

RockStar® Heavy Duty Connectors

- Reliable power, signal and data transmission
- NEMA 4/4x and Ip65 protection
- Complete range of connector inserts and housings
- PUSH-IN, screw, tension clamp, and crimp terminations

ROCKSTAR HEAVY DUTY CONNECTORS

Klippon® Protect Enclosure System

- ATEX, IECEx, Ul50, UL Ex Ip66 ingress protections (NEMA 4/4X)·
- High temp gaskets -50° C to +135° C
- 1 to 4 gland plate configurations
- 316L stainless steel-304 mild steel painted

ENCLOSURES AND CABLE GLANDS

Power Distribution Blocks

- UL 508A SCCR approved
- IEC finger safe
- Single and 3-phase configuration options
- Aluminum and copper conductor acceptance
- TS35 DIN-rail or direct mountable

MODULAR TERMINAL BLOCKS

Circuit Protection

- Branch & Supplementary protection
- Numerous trip curves
- Overcurrent protection
- Electronic protectors
- Thermal and hydraulic solutions
- AC or DC or AC/DC (UL) Protection
- Ul489 or Ul1077 w/complete accessories

CIRCUIT AND SURGE PROTECTION

Migration & Interface Solutions

- Field Wiring termination and control system marshalling for DCS or PLC's
- Universal conversions/ migration platform for updating legacy DCS/PLC to new systems
- Standard and customized pre-assembled cables and field termination assemblies
- Integrated components(fuse, disconnect)
- Compact, space and time-saving

INTERFACE UNITS & PLC SOLUTIONS

Analog Signal Conditioning & Isolation

- 2, 3 and 4 wire models
- 2-channel models and splitters
- Ex isolating barriers (IS)
- HART transparent options
- Configurable input/output
- From 6mm wide per unit
- Intrinsically safe signal conditioners

ANALOG SIGNAL CONDITIONING

Remote I/O IP67 (SAI)

- Active & Passive interfaces
- Analogue/Digital I/O
- M5, M8, M12 & M23 connections
- Feed through, Profibus, EIP, ProfiNet EtherCat, IO-Link
- Metal and plastic interfaces and distributors

REMOTE /I/O

Wireless Ethernet

- 5.8GHz
- 2.4GHz (WiFi)
- 900MHz FHSS
- Access Point/Client, Bridge/Router
- 2+mile range (2.4GHz)
- 20+mile range (900 FHSS)

WIRELESS I/O & ETHERNET CONNECTIVITY

Maintenance and Cloud Service

- IIoT Applications
- Enhanced security for easy plant or machine access
- Customized system management
- Status monitoring and reporting
- Secure remote maintenance and remote diagnostics

REMOTE MAINTENANCE

Cabtite-Through-Wall Wire Systems

- Modular frames for multiple wire routing configurations
- Maintains Ip66 (NEMA 4 x & 12)
- Accepts round cable dia. from 0.12'-1.34' and ASI cable
- Integrated strain relief acc. DIN EN 62444
- Accommodates 40 wires in 4.33' of space

ENCLOSURES AND CABLE GLANDS

Sensor Actuator Connectors & Cordsets

- M5, M8, M12, M23, 7/8' and valve plug connectors and cordsets
- Wide range of cable types & Configurations
- Weld slag resistant and high flex (>20 million cycles) versions
- Shielded and unshielded
- Plug, panel feed through, and board mounted connectors

SENSORS ACTUATOR INTERFACE

Decentralized Automation & Power Distribution-FieldPower

Modular IP67 enclosure system tointegrate IP20 components in the field:
- Power distribution for conveyors and robots
- Potential distribution with max GUARD
- Decentralize power supply with PROtop
- Remote I/Os with u-remote

FIELDPOWER POWER BUS SYSTEM

Over Voltage Protection

- Fully supports North American standards UL 1449 4th edition.
- All power network grid types & voltages single, two and three-phase systems
- Heavy duty, reliable & pluggable arrestor with locking mechanism
- Centralized and wide control window
- Optional remote signaling contact
- Fast DIN-rail mounting by means of special mounting clip

SURGE PROTECTION

AC Receotacles

- Simplex and duplex
- GFCI
- UL508A approvals
- Assembly free
- DIN-rail or panel mountable

INDUSTRIAL CONNECTIVITY

maxGUARD

- Load monitoring and DC voltage distribution combined
- Class 2 approved
- Modular system
- Remote reset of loads
- Disconnect and easy cross connect options

ELECTRONIC LOAD MONITORING

Surge Protection

- For analog, status & network signals
- Discharges up to 20kA (8/20As)
- Pluggable, replaceable SPD versions
- Local & remote status indication
- SPD element testing option
- Single, multi-stage and floating signal aprotection
- Integrate ground contact in base element

SURGE PROTECTION

Wireless I/o

- 900MHz FHSS
- Transceiver and unidirectional units
- Full 1W of broadcast power
- Modular I/O design
- 20+ mile range
- Meshing & self healing network

WIRELESS I/O AND ETHERNET CONNECTIVITY

Lightning & Surge Protection

- RS422
- RS232
- Coax data networks
- Ethernet (Cat 5 & 6)
- POE
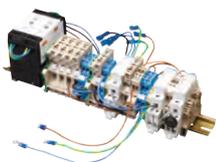
SURGE PROTECTION

u-remote Remote I/O

- The 11.5mm width saves space & delivers flexible design options
- Status LEDs enable rapid error detection & reliable diagnosis
- High-speed station bus offers high performance and real-time mappling
- Simple, convenient markers for clear visible module identification
- The plug and go setup speeds up installation

REMOTE I/O

Engineered Solutions

Rail Assemblies

- DIN-rail assemblies
- Customized marking options
- Wired and tested assemblies
- Product kitting and bundling

Engineered Enclosures

- ATEX, UL, CSA and NEMA certifications
- Wireless assemblies
- Custom junction boxes
- Design, assembly and wired solutions
- Combiner boxes for photovoltaic systems

ENGINEERED SOLUTIONS

Cutting

Cut copper and aluminum cales and wire up to 1260 kcmil.

KT8
· Cuts wire up to 6 AWG
· Blande shape prevents wire distortion

KT45R
· One-hand operation
· Suitable for non-pinch cutting of copper and aluminum conductors

Stripping

Quick and accurate stripping with no damage to single conductors.

STRIPAX ULTIMATE
· Strip hard, halogen-free cable insulation with ease from AWG 26...10

AM25
· Strips PVC insulated cables, 0.18'..1.0' diameter
· Lengthwise or spiral cuts

Screwdrives

Available with standard or VDE insulated handle.
· Hardened high-alloy steel tips
· Soft-finish grip handles for comfortable handling

Crimping

Precise crimp with minimal force.
Stripax Family 3-in-1 Tool
· Cuts, strips and crimps linked wire ferruled from 20...14 AWG
· For PVC insulated wire

PZ 6 Roto L
· Crimps wire-end ferrules from 24...10 AWG
· Wire insertion from side or font

Automatic Machines

Our automatic machines optimize installation time and streamlines the manufacturing process.
· Cutting machines
· Stripping machines
· Crimping machines
· Stripping & Crimping machines

Ferrules-insulated and non-insulated & cable lugs

Wire end ferrules ensure a secure and reliable connection.
· 3 color codes available
· Loose, strips, reels and assortments from 24 AWG - 300 MCm

TOOLS

TOOLS

Printing Systesm

Thermal MultiMark
· MultiMark is the smart all-in-one solution for the entire cabinet
· Systemised, economical marking

PrintJet Advanced
· Weidmuller's industry-leading marking system
· First full color printer for multicard marker
· Print on plastic or metal cards

MCP Plotter
· Print over 160 multicard types quickly and easily, using weidmuller's M-Print Pro software

Marker Format Types

Terminal Markers
· Terminal blank identifieres for weidmuller terminals and other manufactures terminals

Wire and Cable Markers
· Heat Shrink
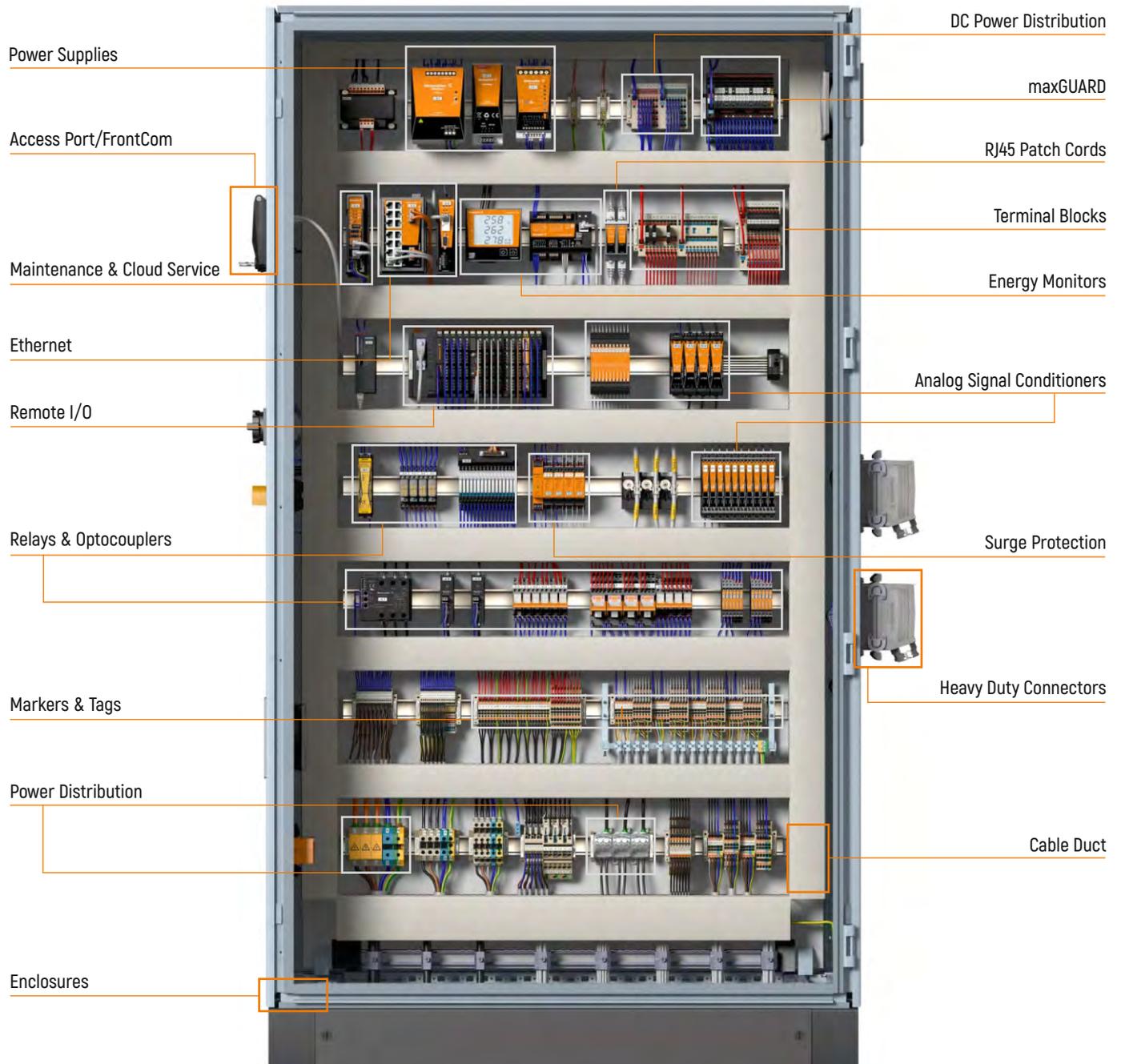· Self-adhesive wrap around
· Stainless steel

Device Markers
· Placard and electrical
· Actuator and contactor
· Switch and push button
· Relays and circuit breakers

MARKING SYSTEMS

Weidmuller-Your Solution Partner in Industrial Connectivity

Power Supplies

Access Port/FrontCom

Maintenance & Cloud Service

Ethernet

Remote I/O

Relays & Optocouplers

Markers & Tags

Power Distribution

Enclosures

DC Power Distribution

maxGUARD

RJ45 Patch Cords

Terminal Blocks

Energy Monitors

Analog Signal Conditioners

Surge Protection

Heavy Duty Connectors

Cable Duct

Lubi Electronics

Sardar Patel Ring Road, Nr. Karai Gam Patia, Nana Chiloda,Dist. : Gandhinagar - 382 330. Gujarat, INDIA
Tel. : +91-79-6674 5300 **Fax** : +91-79-6674 5599 **E-mail** : info@lubielectronics.com **Website** : www.lubielectronics.com