



LIMA

TECHNOLOGY

Supplier for Machine and Plant Builders

ABOUT US

The name Lima comes from German phrase
'Supplier for Machine and Plant Builders'

We offer high quality and affordable products
in electromechanics and electronics

Lima Technology is located in Forchheim/
Bayern and central warehouse in Germany

Fast and reliable delivery to Germany, Austria
and Switzerland thanks KanBan System

Great acceptance in industry with more than
> 15000 customers receiving our newsletter
> 700 registered customers on B2B portal
> 580 qualified followers on LinkedIn



OUR CUSTOMERS

- ✓ Panel builders and cable harnessing
- ✓ Low and middle voltage switch gears
- ✓ Hydrogen power generation, P2X
- ✓ Paper- and textile machines
- ✓ Cranes and hoisting
- ✓ Elevators and escalators
- ✓ Robotics and material handling
- ✓ Food and packaging industry
- ✓ Professional kitchen and gastronomy
- ✓ Metal, plastic and wood working



LIMA
TECHNOLOGY

DIN Rails
End Sleeves, Cable Shoes
M8-, M12-, Ethernet cables,
Customer specific
CNC- and Cast Parts

Klemsan[®]

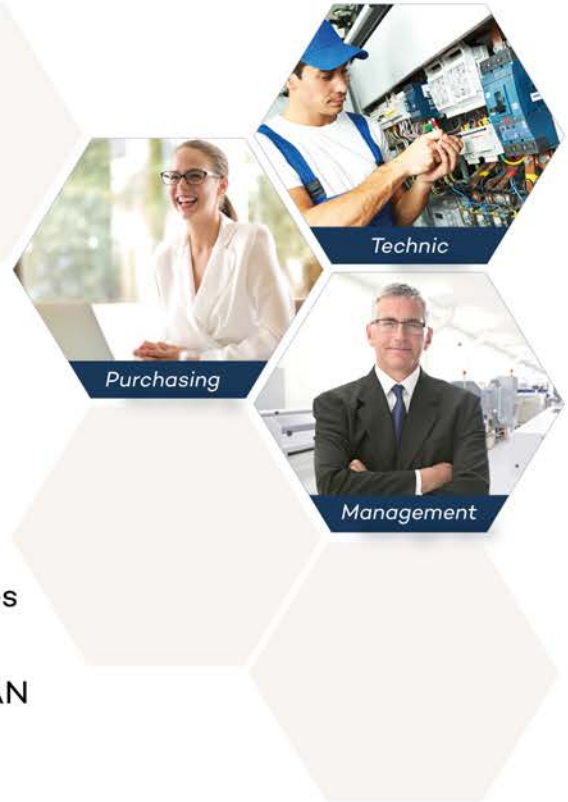
Terminal Blocks,
PVC and HF Wiring Ducts,
PLC and Monitoring Relays,
Annunciators, Gateways,
MID-Meters, Analysers

METECON[®]
heavy duty connectors

ABS and Aluminium Enclosures
ATEX Enclosures
Heavy duty connectors,
Modular Connectors,
Cable glands

YOUR ADVANTAGES WITH LIMA

- ✓ **Direct Support**
Personal contact and warehouse from Germany
- ✓ **Price Efficient**
At least 10% saving potential with high quality
- ✓ **Golden Mean**
Golden mean between West Europe and Far East, where most of the products are made in Türkiye
- ✓ **Sustainable for Environment**
Short transport routes thanks geographical vicinity
- ✓ **High Quality**
International certifications wie cULus, VDE und ATEX
- ✓ **Time Saving**
Fast cross listing of your articles, free product samples
- ✓ **Digital**
100% product data, certificates, drawings and E-PLAN
- ✓ **Stable**
Price stability for buying customers in calender year



FAST DECISION:

Send us your bill of material for current articles and lean back:

- 1 **Presentation**
Company presentation and requirement check
- 2 **Bill of Material**
List of current products with annual requirement
- 3 **Cross List**
Free crost list in Excel done by Lima Team
- 4 **Documents**
Technical data, drawings (CAD), Certificates for product (CE, UL, CSA, ATEX) and ePLAN macros
- 5 **Quotation**
Qualified Quotation with competitive prices and delivery times
- 6 **Free Samples**
Free Samples for prototyping and final decision



***“Time is Money”
(Benjamin Franklin)***

DIN RAILS

Own production for all customer needs

DR ECO with unbeatable price-performance ratio

DR PRO optimized for automated assembly

Free product samples in 20cm length

Galvanized steel against rusting and corrosion

WxH Options of 35x15mm and 35x7,5mm

Hole width of 6,2 und 5,2 for M6 or M5-screws

Customer specific options available on demand



PVC AND HALOGEN FREE WIRING DUCTS

High quality material with 50 years experience

No splintered edges after cutting

Manufactured according to EN 50085-2-3

Conform to railway standards EN 45545-2

Halogen free 20% lighter than PVC

Successfully tested between -25 °C / +90 °C

Low smoke generation and self distinguishing



CUSTOMER SPECIFIC CNC- AND CAST PARTS

Material

Cast iron, steel, stainless steel

Tin bronze, Aluminum, brass

Coating

Galvanizing, Passivating, Anodizing

Polishing, Sandblasting, Chrome Plating,

Electrostatic Powder Coating

Heat Treatment

Carbonitriding, Tempering, Hardening,

Normalizing, Carburizing, Nitrocarburizing



INDUSTRIAL CONNECTORS

New modular serie combining signal, power, pneumatics (air) and ethernet

Ultra compact 42 pin insert up to 10A

International certificates like CE and cULus

Plug compatibility with market leader

Crimp connection against vibration and humidity

Spring-loaded connection for fast harnessing

Screw connection for low cost application



CABLE ACCESSORIES

Premium Quality with Lima Brand

Perfect price-performance ratio

Compatibility with crimping machines

End Sleeves (Single or Bandware),

Ring and fork (spade) cable lugs,

Fast-On terminals, Compression lugs,

Piggy-Back Terminals, Cable Ties

ATEX, PVC and ALU ENCLOSURES

Aluminium Enclosures:

- New ATEX variant for Zone 1-2/21-22
- CNC-automated gasket filling technology (FIPFG)
- IP protection class up to IP67/68 thanks FIPFG
- Stainless steel screws against corrosion
- Grounding connections on both cover and housing

Plastic Enclosures:

- High quality material from ABS with IK 06
- IP protection class up to IP67 and UV protection
- Available with knockout cable gland openings



PUSH-IN, SPRING-LOADED- AND SCREW TERMINALS

Push-In Connection (New PRD Serie!)

- Tool-free wiring
- Marking with plastic markers or stripes

Spring-Loaded Connection (New SRD Serie)

- Safe contact thanks spring force
- Usage with end sleeves or free strands

Screw Connection (AVK Serie)

- Classical for robust applications
- Optimal for power connection and splitting



ON-THE-AIR SPLICING LEVER CONNECTOR

High quality, robust and compact

Patented practical lever system

Tool-free Installation

2-, 3- and 5-pole variants

UL certification pending

Ideal for

- Building, lightning, distribution boxes
- Machine building, professional kitchens



HIGH CURRENT TERMINAL BLOCKS UP TO 520A

Bolt Connection Terminal Blocks (PAK Serie)

- Cross sections of 25 – 300 mm²
- Maximal current of 125 A to 520 A
- CE certified, UL certification pending



Hexagonal Inbus Terminals (AVK IRDS Serie)

- Cross section up to 240 mm²
- Up to 1000V and 415A
- CE, cULus and ATEX certifications



PLC, MOTOR PROTECTION AND MONITORING RELAYS

High quality relays from Klemmsan®

PLC relays from 6V to 230V for both AC and DC

Motor protection relays with phase, voltage and PTC monitoring

Special time relays for ex. dishwashers

Current, voltage and frequency monitoring



WiFi

Ethernet

GPRS

ENERGY ANALYSERS, MID METERS AND GATEWAYS

Energy analysers for 3-phase applications

High quality measurement up to 51. harmonics

High accuracy with Class 0.2 and Class 1

Data recorder up to 1920 hours/36 months

MID Meter for 1- and 3-phase applications

Remote access via WiFi/Ethernet or GPRS gateways

ETHERNET SWITCHES AND DATA CABLES

The most compact 5-Port switch with 8cm height

Robust ethernet switch with M12-connection

PROFINET, PoE, Gigabit, SFP, Single and Multimode

Harsh environment from -40°C to +70°C upto IP67

Vibration resistant according to IEC60068-2-6:5g

M8, M12 and Ethernet cables in PUR oder PVC

Yellow, lila or green colors for different cable functions





WE ARE ON INDUSTRY FAIRS



HANNOVER
MESSE



sps
smart production solutions

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TECHNOLOGY



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