

G. KLAMPFER

BUILDINGSERVICES

SWITCH GEAR



WE ARE G. KLAMPFER

G. Klampfer Elektroanlagen is your reliable partner for comprehensive overall services from a single source. Since our foundation in 1985, we have stood for quality and expertise in technical building equipment (TGA) and offer customised solutions for electrical and building technology systems in industry and commerce.

Our in-house distribution board and switch cabinet construction is also a central pillar of our success. We manufacture customised distribution and control cabinet systems that are perfectly tailored to the needs of our customers. As a full-service provider, we have acquired certified expertise that we would also like to make available to you.

CERTIFIED COMPETENCES

- ✓ UL label for the American market
- ✓ Certified Rittal partner (Ri4Power)
- ✓ Active arc fault protection (integration test up to 1600A)
- ✓ Certified Schrack partner (System 2000TT)
- ✓ Certified partner for various electricity supply companies
- ✓ EPLAN, ECE certificate
- ✓ KNX certification
- ✓ Further certificates for various applications

OUR TEAM

At G. Klampfer Elektroanlagen, highly qualified and committed specialists work to make your projects a success.

- ✓ **Engineering:** 10 experts plan and develop customised solutions for technical building equipment.
- ✓ **Distribution board construction:** 50 specialists manufacture customised distribution boards and control cabinet systems with the highest precision.
- ✓ **Programming:** 4 programmers develop and implement complex control and automation solutions.

Our team guarantees the highest quality and reliability in every project.

YOUR CONTACT PERSONS



ROMAN REIGL

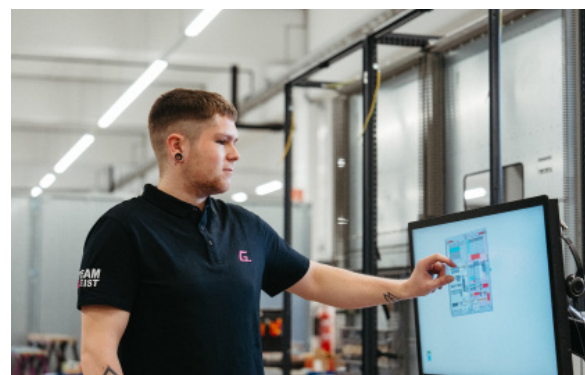
Head of Business Unit
Switchgear Construction &
Engineering

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+43 732 67 13 14 - 0

OUR OFFER FOR YOU

We support you in your distribution and switchgear construction projects from planning to final implementation and beyond. Our comprehensive support enables you to focus on your core competences and scale your entrepreneurial risk by outsourcing some or all of your services. With our expertise and flexibility, we ensure that your requirements are optimally met. Our customised solutions adapt to your specific needs while maximising the efficiency and quality of your projects.

By utilising the latest technologies and proven methods, we ensure that your projects not only meet current standards, but are also future-proof. We offer you the security and reliability of an internationally active company that has been successful for many years and always focuses on the highest quality and customer satisfaction. With G. Klampfer Elektroanlagen, you have a partner at your side who shares your vision and will accompany you on the road to success.



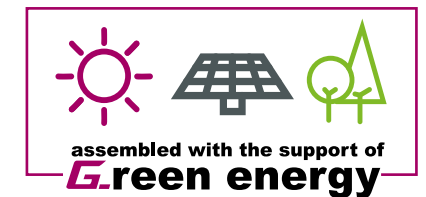
YOUR PRODUCT SELECTION

Our products are based on the proven „Klampfer standard“, which includes certain quality features. We would be happy to present these features to you in detail if you are interested. Of course, we also customise each system according to your specific requirements.

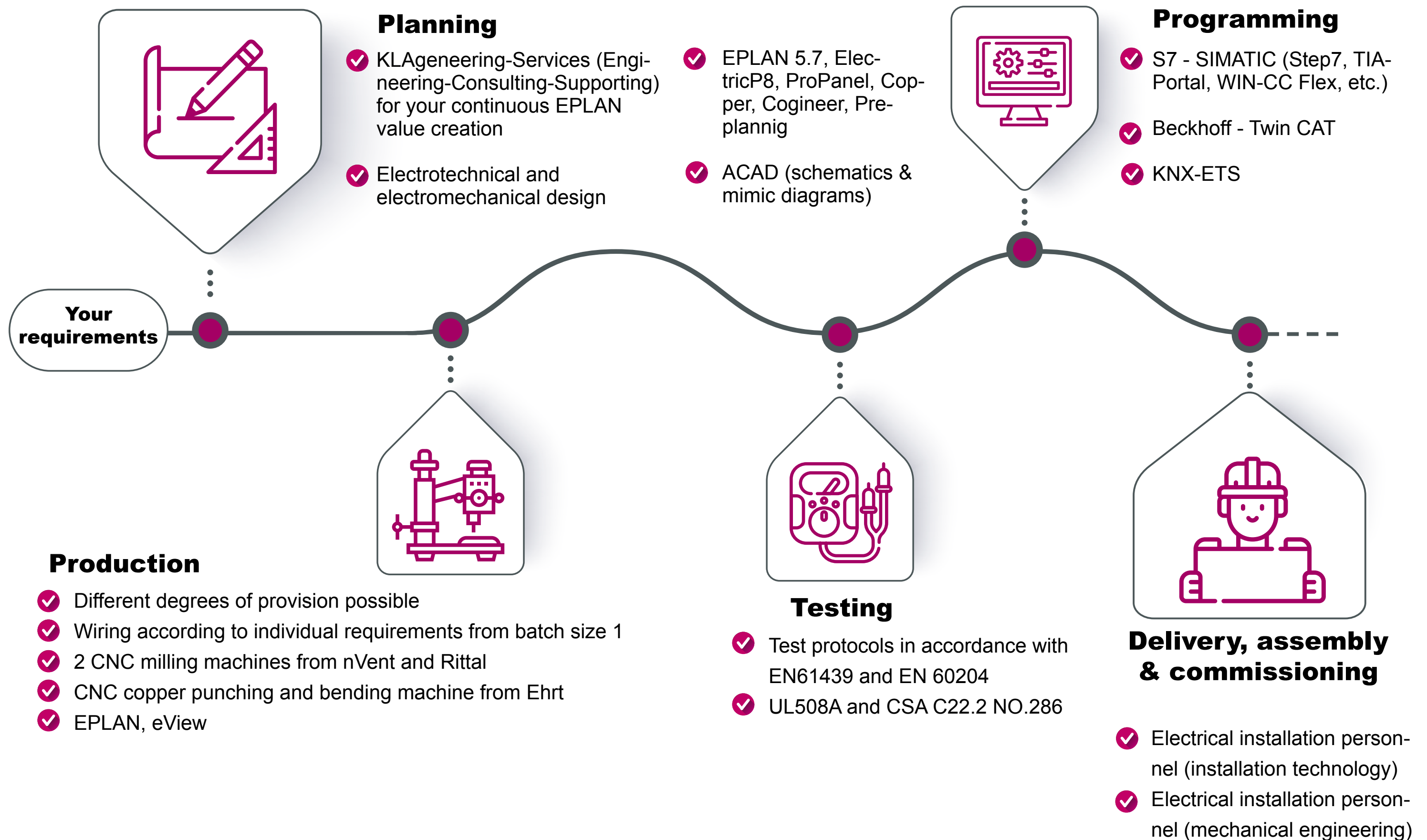
Sustainability is also a central aspect of our production. It is therefore particularly important to us to emphasise that all our distributors are manufactured in our in-house workshop, which is powered by green energy.

You can choose from our extensive product range, which offers a variety of solutions for your specific requirements:

- ✓ Power distribution up to 6300A
- ✓ Socket outlets & light distribution cabinets / installation distributors
- ✓ Meter distribution cabinets
- ✓ Instrument transformer cabinets OÖ up to 1200A
- ✓ MCC motorised distribution boards
- ✓ Energy storage
- ✓ AC collectors / PV cabinets
- ✓ Machine switch and control cabinets
- ✓ Measurement and control cabinets
- ✓ Industrial automation technology
- ✓ Network cabinets
- ✓ IT infrastructure (data centre)
- ✓ Container solutions
- ✓ Customised products (consoles,...)



OUR COMMON JOURNEY

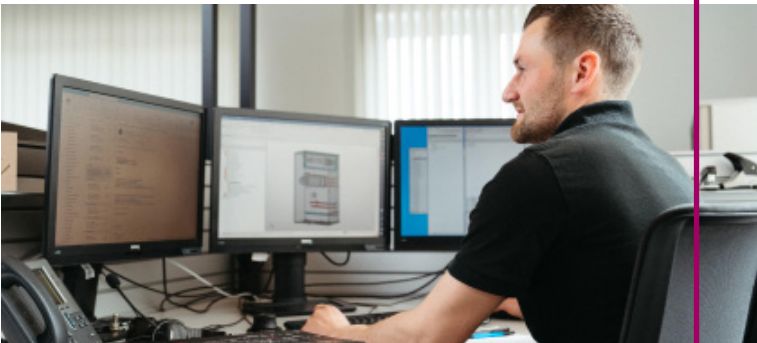


SCOPE OF SERVICES

Our customers can rely on a comprehensive range of services, as shown in the following table. You can tell us your individual requirements by ticking the appropriate box:

	Your requirements	
EPLAN Engineering		EPLAN eView data provided PDF data -> import via skemdit Engineering support Complete engineering
Goods logistics		Provision of materials
Purchasing management		Attractive offer due to high purchasing volume
Mechanical design		Provision of 2D Provision of 3D ProPanel 3D
Testing		with testing
Documentation and calculations		Documentation Calculation
Dispatch logistics		Collection dispatch Customs clearance
Assembly and commissioning		Dismantling of existing systems Installation of cabinets Connections
After Sales		On-site technicians with short response times. High availability of technicians who are deployed nationwide.

We would be delighted to accompany you on your journey and play an active part in your success. With our many years of experience and our deep commitment, we are at your side to help you achieve your goals and realise your visions. Our experts are always available to answer any further questions you may have.



The grey boxes in the table show services that we add or perform as standard.

LIGHT & SOCKET DISTRIBUTION BUTTERS / INSTALLATION DISTRIBUTORS

Our Klampfer sub-distributors are mostly floor-standing cabinets with widths of 600mm to 1200mm, which are arranged in rows according to customer requirements or space optimisation. Wall cabinets with Schrack installation inserts are also used as standard. For example, Jean Müller KETO disconnectors for the power supply or Schrack D-Switches as group pre-fuses are placed on the Reiter rail system. The remaining components such as residual current circuit breakers, miniature circuit breakers, contactors and much more are installed on the additional mounting rails.

Devices / components



Housing:	Rittal Schrack	Standard basic enclosure VX, industrial & commercial Standard basic cabinet AC, industrial & commercial, meter and instrument transformer distributors, wall cabinets
Circuit breaker:	Schneider Siemens	NSX, NS, MTZ2, MTZ3 Sentron
Separator:	Jean Müller	KETO disconnector for rider system and mounting plate, strip type disconnector or Sasil, each in sizes NH000, NH00, NH1, NH2 and NH3
D02 Back-up fuse:	Schrack Rittal	D-switch rider system, Tytan isolator for top-hat rail mounting
Multi-measuring devices:	Janitza Carlo Gavazzi	UMG multimeter Counter
Surge arrester:	Schrack	T2/C 20kA, T1+2/BC arrester 25kA, 12.5kA
Residual current circuit breaker:	Schrack	VFI with different types and tripping current
Circuit breaker:	Schrack	B, C and D characteristic types 10kA
Relay:	Schrack	Spring balancer technology with plug-in socket
Sagittarius:	Schrack Eaton	Installation contactors with different current ratings Power contactor
Control and signalling devices:	Kraus und Naimer Schrack	
AC/DC supply:	Siemens Mean Well	Power supply unit, selectivity module Power supply unit
PLC:	Beckhoff	DI 8x 24V, DO 4x REL, AO 4x, AI 4x, CPU as required
HMI:	Beckhoff Siemens	as required
Clamps:	Weidmüller Schrack	Push-in, spring-cage technology, feed-through and installation terminals Al/Cu Clamps



LOW-VOLTAGE MAIN DISTRIBUTION BOARD

Typical Klampfer low-voltage main distribution boards cover rated currents of 400A - 6300A. Depending on requirements, the systems are designed with one distribution panel and up to 10 or more panels. They are constructed using the VX25 Ri4Power and VX25Ri4Power185 system. The main busbar can be manufactured up to a maximum short-circuit current of 100kA. Designs 1 to 4b are possible for internal installation. For type 1 systems, we can offer IP2xb internal contact hazard protection with a sheet metal or plastic cover.

Devices / components



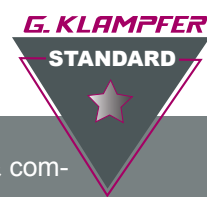
Housing:	Rittal Schrack	Standard basic enclosure VX, industrial & commercial Standard basic cabinet AC, industrial & commercial, meter and instrument transformer distributors, wall cabinets
Circuit breaker:	Schneider Siemens	NSX, NS, MTZ2, MTZ3 Sentron
Separator:	Jean Müller	KETO disconnecter for rider system and mounting plate, strip type disconnecter or Sasil, each in sizes NH000, NH00, NH1, NH2 and NH3
D02 Back-up fuse:	Schrack Rittal	D-switch rider system, Tytan isolator for top-hat rail mounting
Multi-measuring devices:	Janitza Carlo Gavazzi	UMG multimeter Counter
Surge arrester:	Schrack	T2/C 20kA, T1+2/BC arrester 25kA, 12.5kA
Circuit breaker:	Schrack	B, C and D characteristic types 10kA
Relay:	Schrack	Spring balancer technology with plug-in socket
Sagittarius:	Schrack Eaton	Installation contactors with different current ratings Power contactor
Control and signalling devices:	Kraus und Naimer Schrack	
AC/DC supply:	Siemens Mean Well	Power supply unit, selectivity module Power supply unit
Clamps:	Weidmüller Schrack	Push-in, spring-cage technology, feed-through and installation terminals Al/Cu Clamps



MEASUREMENT, CONTROL AND REGULATION DISTRIBUTORS

The typical Klampfer measurement, control and regulation cabinet ranges from a small wall box with 16A back-up fuse to a floor-standing cabinet row over 10 metres long. They are generally mounted on a panel. The systems have a main switch. The supply voltages 24V DC, 24V AC and 230V AC are provided as standard. Devices with spring-cage/clamp technology are preferably used. If possible, sensors and releases are connected directly to a BECKHOFF bus terminal without an intermediate terminal.

Devices / components



Housing:	Rittal	Standard basic enclosure VX, industrial & commercial
	Schrack	Standard basic cabinet AC, industrial & commercial, meter and instrument transformer distributors, wall cabinets
Circuit breaker:	Schneider	NSX, NS, MTZ2, MTZ3
	Siemens	Sentron
Separator:	Jean Müller	KETO disconnecter for rider system and mounting plate, strip type disconnecter or Sasil, each in sizes NH000, NH00, NH1, NH2 and NH3
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	Eaton	
Control and signalling devices:	Kraus und Naimer	Power supply unit, selectivity module Power supply unit
	Schrack	
AC/DC supply:	Siemens Mean Well	
PLC:	Beckhoff	DI 8x 24V, DO 4x REL, AO 4x, AI 4x, CPU as required
HMI:	Beckhoff Siemens	as required
Clamps:	Weidmüller	Push-in, spring-cage technology, feed-through and installation terminals
	Schrack	Al/Cu Clamps



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