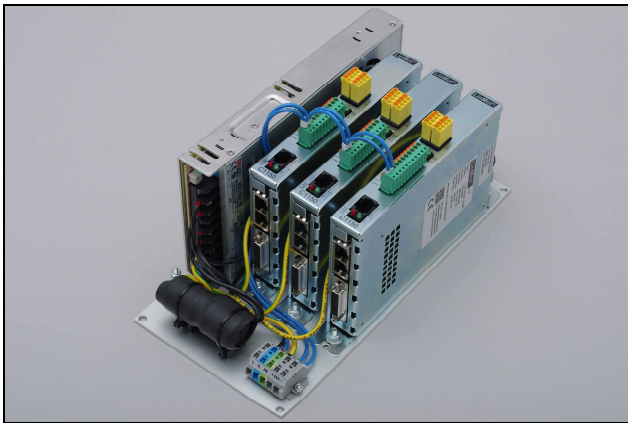
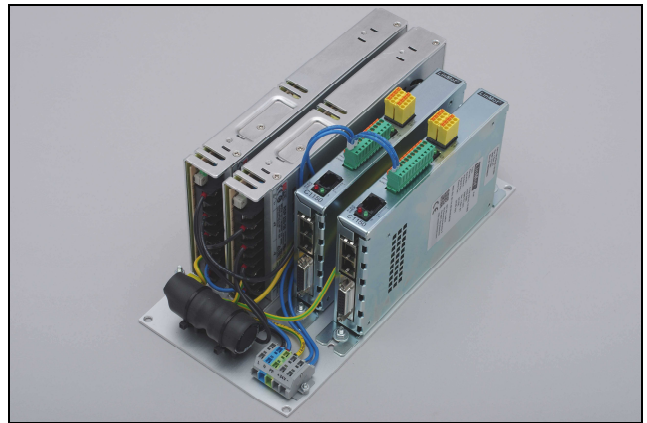


POS I Value & Perform **PAC** Power Supply & Motion Control

PosiPac® are positioning systems that are assembled on a 4-column (PAC's) mounting plate ready for use. They can be delivered as pre-wired 1-, 2- or 3-axis systems. In combination with fitting power supplies and with **LinMot**® positioning controllers of C11XX and C12XX series, DC-bus voltage of 48 VDC or 72 VDC is available. A version with an additional 24 VDC power supply is suitable for supplying the logic of the controllers as well as for supplying peripheral devices. The installation and wiring effort for an autonomous motion control system is significantly reduced with **PosiPac**®.



PosiPac® PC05



PosiPac® PC08

Performance of **PosiPac® Positioning Systems**

- Suitable for **LinMot**® positioning controllers of C11XX und C12XX series
- AC-input single phase 88 - 264 VAC (worldwide use), 47 - 63 Hz
- 48 VDC (Value) or 72 VDC (Perform) DC-bus voltage
- large DC-bus capacitor suitable for acceleration and braking power
- temperature-, overload-, short circuit- and overvoltage protection
- all components with UL certification

Available Versions of *PosiPac*®

No.	Function	PAC01	PAC02	PAC03	PAC04
Value					
PC01	1-axis		48 VDC / 320 W	C11XX o. C12XX	
PC02	1-axes	24 VDC / 150 W	48 VDC / 320 W	C11XX o. C12XX	
PC03	2-axes		48 VDC / 320 W	C11XX o. C12XX	C11XX o. C12XX
PC04	2-axes	24 VDC / 150 W	48 VDC / 320 W	C11XX o. C12XX	C11XX o. C12XX
PC05	3-axes	48 VDC / 320 W	C11XX o. C12XX	C11XX o. C12XX	C11XX o. C12XX
Perform					
PC06	1-axis	24 VDC / 150 W	72 VDC / 640 W		C11XX o. C12XX
PC07	1-axes	72 VDC / 640 W		C11XX o. C12XX	
PC08	2-axes	72 VDC / 640 W		C11XX o. C12XX	C11XX o. C12XX

Electrical Data of *PosiPac*® Power Supplies

		Value		Perform
Technical Data		24 VDC	48 VDC	72 VDC
output power	W	150	320	640
AC input single phase / frequency	VAC / Hz	88 - 264 (worldwide use with PFC) / 47 - 63		
power derating		-20 % for AC mains < 100 VAC		
DC-bus capacitor	µF	-/-	2.000	
DC-bus energy	Ws	-/-	2,3	5,2
cooling		covection	integrated fan	
efficiency	%	89	90	89,5
safety standards		UL62368-1, TÜV EN62368-1, EAC TP TC 004, CCC GB4943.1, BSMI CNS14336-1, AS/NZS 60950.1		
EMC emission		EN55032 (CISPR32) Class B, EN61000-3-2,-3, EAC TP TC 020, CNS13438, GB9254 Class B, GB17625.1		
EMC immunity		EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A, EAC TP TC 020		
certifications				

Mechanical & electrical Daten *PosiPac*® Systeme

Technical Data		Valid for all <i>PosiPac</i> ® Systems
dimensions of mounting plate (W x L x H)	mm	135 x 280 x 120 (without terminators)
fixing holes of mounting plate (W x L)	mm	125 x 270 (4 x ø 5,5)
operating temperature	°C	0 - 40
storage temperature	°C	-25 - 60
humidity	%	20 - 90 not condensing
IP protection	IP	20
connectors		2,5 mm ² , AWG 14, CAGE CLAMP™ L, N, PE, + 24V, - 24V
max. input power	kVA	1,0

Using the *PosiPac*® Power Supplies

- 24 VDC / 150 W suitable as supply of positioning controllers logic as well for external use
- 48 VDC / 320 W for 48 V DC-bus in low-power range (**Value**)
- 72 VDC / 640 W for 72 V DC-bus in high-power range (**Perform**)
- All *PosiPac*™ positioning systems are intended to be in use under 'Functional Extra Low Voltage' (FELV < 75 VDC) conditions in industrial controls.
They are not suitable for use in medical applications and medical systems!

LinMot® Positioning Controllers

- C11XX suitable for point to point applications with STO function (safe torque off)
- C12XX suitable for point to point, multi functions and trajectories with STO
- Specifications can be found in the *LinMot*® manuals.
- Certifications  
- RS 232    RS 485    

All *PosiPac*® Systems are passing following Tests

- Protective conductor- and HV-test according to EN 60204-1
- 100% load- and functional-test

PosiPac® Options

- combination with *LinMot*® positioning controllers of B1100 series

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