

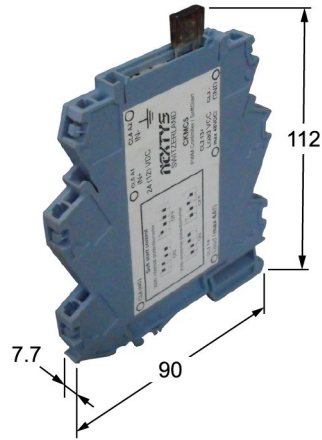
■ Main Features

- High efficiency and compact size – 7.7mm width
- Plastic enclosure
- Class II insulation (simplified wiring)
- Optimal for cost saving rating of power supply with dynamic loads
- Allows to operate high inrush current load
- Suitable for loads where a power regulation is necessary (eg. Motors)
- Power level and soft-start duration are adjustable through 2 user settable potentiometers
- PWM (Pulse Width Modulation) technique

TECHNICAL DATA

Model type	CKMC5	
OUTPUT DATA		
Rated voltage	12...30Vdc	
Continuous current	4A	
Overload limit	6A (max. 30s)	
Soft-start duration	<ul style="list-style-type: none"> ▪ Adjustable 0.5...5s with potentiometer ▪ Adjustable with external potentiometer (5kΩ) 	
Power level range	<ul style="list-style-type: none"> ▪ Adjustable 0...100% with potentiometer 	
Protections (load side)	<ul style="list-style-type: none"> ▪ Short circuit (ATO fuse) ▪ Reverse polarity ▪ Transient overvoltage 	
INPUT DATA		
Input voltage for control side	12Vdc (factory set) or 24Vdc	
GENERAL DATA		
Operating temperature	- 20°C...+ 45°C	
Storage temperature	- 40°C...+ 80°C	
Humidity	5...95% r.H. non condensing	
Overvoltage category	▪ EN50178	I
Pollution degree	▪ IEC60664-1	2
Protection Class	▪ Class	II
Input / output isolation	0.75kVdc	
Safety Standards	<ul style="list-style-type: none"> ▪ EN60950 (reference) ▪ EN50178 (reference) 	
EMC Emission	<ul style="list-style-type: none"> ▪ EN55011 (CISPR11) Class B ▪ EN55022 (CISPR22) Class B 	
EMC Immunity	<ul style="list-style-type: none"> ▪ EN61000-4-2 Level 2 ▪ EN61000-4-3 Level 2 ▪ EN61000-4-4 Level 2 ▪ EN61000-4-5 Level 2 ▪ EN61000-4-11 Level 2 	
Protection degree	▪ EN60529	IP20
Connection terminals	2.5mm ² , spring clamp terminal (24...12AWG)	
Case material	PA, Flame retardant UL94 V-0	
Weight	0.10kg	
Size (W x H x D)	7.7 x 112.0 x 90.0mm	
Notes:		
- Technical parameters are typical, measured in laboratory environment at 25°C and 12Vdc at nominal values, after minimum 5 minutes of operation.		
- Power rating, losses, efficiency, ripple, thermal behaviour and start-up may change outside of the nominal rated input range. Contact factory for details.		
- Data may change without prior notice in order to improve the product.		

DIMENSIONS



CONNECTION

