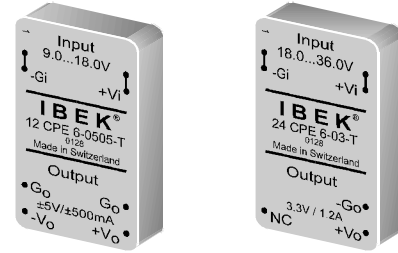


Single & double outputs
Input to output isolated

- Three wide 1:2 input voltage ranges
- Very high efficiency up to 87%
- Very low output voltage noise
- High reliability
- Continuous no-load and short-circuit proof
- DIL 24 case with industrial standard pinning
- No derating
- Made in Switzerland, accordingly ISO 9001:2000
- 2 years warranty



Electromagnetic emission EN 55022 < B
Conducted and radiated emissions

	12 CPE	24 CPE	48 CPE	
No load input current	30	20	10	mA typ.
Switching frequency	200 kHz min.			
Output voltage accuracy	± 2% max.			
Static line regulation	± 10 mV max.			
Static load regulation FL to 10%	0...25 mV max.			
Output voltage noise (20 MHz BW)	20 mVpp typ.			
Output current limitation response	130% typ.			
Efficiency	up to 87%			
I/O Electric strength test voltage	1500 VDC			
Coupling capacitance	1000 pF			
Ambient temperature range	-25...+71°C			
Case temperature range	-25...+95°C			
Storage temperature range	-55...+105°C			
Case material	Non-conductive plastic, UL94 V-0 rated			
MTBF, GB @ 40°C case (MIL-HDBK-217F, Notice 2)	4.300.000 hours			

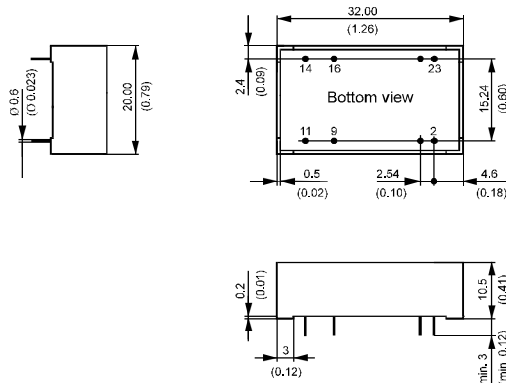
Standard Types ¹	Input voltage VDC	Output	
		VDC	mA
Single output			
xx CPE6-03-T	9...18	3.3	1200
xx CPE6-05-T	(nominal 12)	5	1000
xx CPE6-12-T		12	500
xx CPE6-15-T	18...36	15	400
Double output ²	(nominal 24)		
xx CPE6-0303-T		± 3.3	± 600
xx CPE6-0505-T	36...75	± 5	± 500
xx CPE6-1212-T	(nominal 48)	± 12	± 250
xx CPE6-1515-T		± 15	± 200

¹ To complete type number replace "xx" by the required nominal input voltage, e.g. 12 CPE6-0505-T.

² Double outputs should have symmetrical load conditions to comply with the specifications listed on the left side.

Modifications and customs are available upon request.

Dimensions in mm (inches)



Pin Configuration		
Pin	Single output	Double output
2	-Gi	-Gi
3	-Gi	-Gi
9	No Pin	Go
11	NC	-Vo
14	+Vo	+Vo
16	-Go	Go
22	+Vi	+Vi
23	+Vi	+Vi