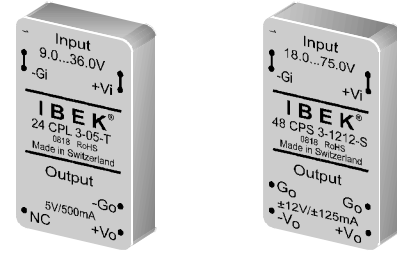


Single & double outputs
Input to output isolated

- Ultra wide 1:4 input voltage ranges
- Very high efficiency up to 83%
- High reliability
- Continuous no-load and short-circuit proof
- CPS3: Extended ambient temperature range -40...+85°C
- DIL 24 case with industrial pinning
- No derating
- Made in Switzerland, accordingly ISO 9001:2000
- 2 years warranty



Electromagnetic emission EN 55022 < B
Conducted and radiated emissions

	24 CPL	48 CPL	24 CPS	48 CPS	
No load input current	5	3	5	3	mA typ.
Switching frequency	130 kHz typ.				
Output voltage accuracy	± 2% max.				
Static line regulation	± 15 mV typ.				
Static load regulation FL to ¼ L	0...2%; 5 VDC outputs 0...5% typ.				
Output voltage noise (20 MHz BW)	100 mVpp typ.				
Efficiency	79% to 83% typ.				
I/O Electric strength test voltage	1500 VDC				
Coupling capacitance	300 pF				
	CPL3		CPS3		
Ambient temperature range	-T: -25...+71°C;		-S: -40...+85°C		
Case temperature range	-T: -25...+95°C;		-S: -40...+105°C		
Storage temperature range	-T: -55...+105°C;		-S: -55...+105°C		
Case material	Non-conductive plastic, UL94 V-0 rated				
MTBF, GB @ 40°C case (MIL-HDBK-217F, Notice 2)	> 2.300.000 hours				

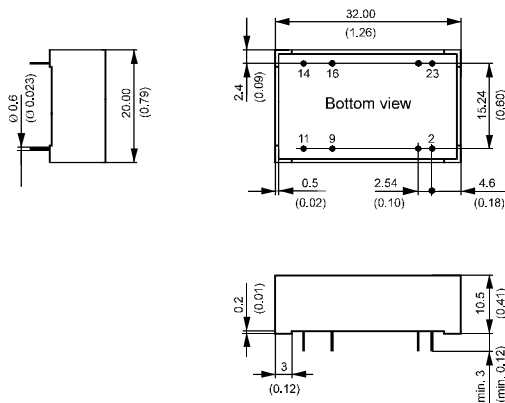
Standard Types ¹	Input voltage VDC	Output	
		VDC	mA
Single output xx CPL3-05-T RoHS xx CPL3-12-T RoHS xx CPL3-15-T RoHS	9...36 (nominal 24)	5 12 15	500 250 200
Double output ² xx CPL3-0505-T RoHS xx CPL3-1212-T RoHS xx CPL3-1515-T RoHS	45 V for 10 ms repetition rate 10 s 18...75 (nominal 48)	± 5 ± 12 ± 15	± 250 ± 125 ± 100
Single output xx CPS3-05-S RoHS xx CPS3-12-S RoHS xx CPS3-15-S RoHS		5 12 15	500 250 200
Double output ² xx CPS3-0505-S RoHS xx CPS3-1212-S RoHS xx CPS3-1515-S RoHS		± 5 ± 12 ± 15	± 250 ± 125 ± 100

¹ To complete type number replace "xx" by the required nominal input voltage, e.g. 24 CPL3-05-T RoHS.

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

Specifications subject to change without notice