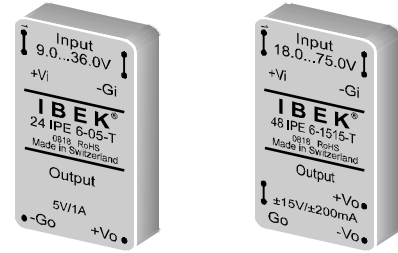


**Single & double outputs**  
**Input to output isolated**

- Ultra wide 1:4 input voltage ranges
- Very high efficiency, typical 85%
- Very low output voltage noise
- High reliability
- Continuous no-load and short-circuit proof
- DIL 24 case, h = 0.41"
- No derating
- Made in Switzerland, accordingly ISO 9001:2000
- 2 years warranty



**Electromagnetic emission EN 55022 < A**  
Conducted and radiated emissions

	24 IPE	48 IPE	
No load input current	15	8	mA typ.
Switching frequency	170 kHz min.		
Output voltage accuracy	± 2% max.		
Static line regulation	± 10 mV max.		
Static load regulation FL to 10%	0...60 mV max.		
Output voltage noise (20 MHz BW)	50 mVpp typ.		
Efficiency	85% typ.		
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)	> 3.000.000 hours		

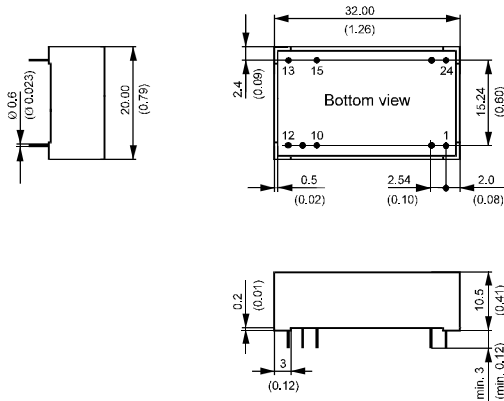
Standard Types <sup>1</sup>	Input voltage VDC	Output	
		VDC	mA
Single output	9...36 (nominal 24)	5	1000
xx IPE6-05-T RoHS		12	500
xx IPE6-12-T RoHS		15	400
Double output <sup>2</sup>	18...75 (nominal 48)	± 5	± 500
xx IPE6-0505-T RoHS		± 12	± 250
xx IPE6-1212-T RoHS		± 15	± 200
xx IPE6-1515-T RoHS			

<sup>1</sup> To complete type number replace "xx" by the required nominal input voltage, e.g. 24 IPE6-05-T RoHS.

<sup>2</sup> 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
1	+Vi	+Vi
2	+Vi	+Vi
10	No Pin	Go
11	No Pin	Go
12	-Go	No Pin
13	+Vo	-Vo
15	No Pin	+Vo
23	-Gi	-Gi
24	-Gi	-Gi

Specifications subject to change without notice