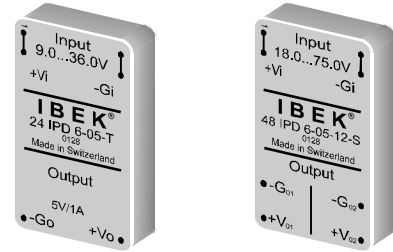


**Single & dual outputs**  
**Input to output isolated**  
**Dual outputs: Output to output isolated**

- Ultra wide 1:4 input voltage ranges
- High efficiency up to 83%
- High reliability
- Asymmetrical dual outputs
- Continuous no-load and short-circuit proof
- Extended ambient temperature range -40...+85°C
- DIL 24 metal case, h = 0.41"
- Made in Switzerland, accordingly ISO 9001:2000
- 2 years warranty



**Electromagnetic emission EN 55022 < B for single output units**  
**Electromagnetic emission EN 55022 < A for dual output units**  
Conducted and radiated emissions

	24 IPD	48 IPD	
No load input current	12	8	mA typ.
Switching frequency	400 kHz typ.		
Output voltage accuracy	± 1% max.		
Static line regulation	± 10 mV typ.		
Static load regulation FL to 2%	0...40 mV typ.		
Output voltage noise (20 MHz BW)	5 VDC	12 VDC	15 VDC outputs 50 120 150 mVpp typ.
Efficiency	81% to 83% typ.		
I/O Electric strength test voltage	700 VDC		
O/O Electric strength test voltage	700 VDC		
Coupling capacitance	1000 pF		
Ambient temperature range	-T: -25...+71°C;	-S: -40...+85°C <sup>1</sup>	
Case temperature range	-T: -25...+95°C;	-S: -40...+105°C	
Storage temperature range	-T: -55...+105°C;	-S: -55...+105°C	
Case material	Metal, moulded		
MTBF, GB @ 40°C case	1.500.000 hours		
(MIL-HDBK-217F, Notice 2)			

Standard Types <sup>1</sup>	Input voltage VDC	Output 1		Output 2	
		VDC	mA	VDC	mA
Single output xx IPD6-05-T xx IPD6-12-T xx IPD6-15-T	9...36 (nominal 24)	5	1000	-	-
		12	500	-	-
		15	400	-	-
Dual output xx IPD6-05-05-T xx IPD6-05-12-T xx IPD6-05-15-T xx IPD6-12-12-T xx IPD6-15-15-T	18...75 (nominal 48)	5	500	5	500
		5	500	12	250
		5	500	15	200
		12	250	12	250
		12	250	15	200
		15	200	15	200

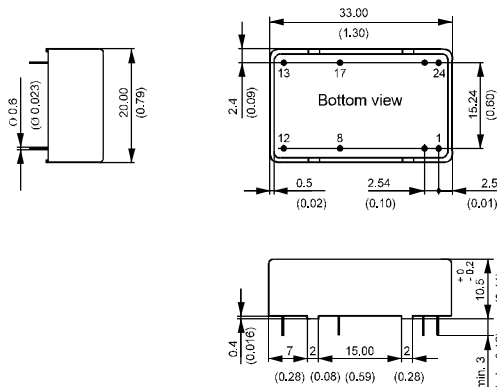
<sup>1</sup> To complete type number replace "xx" by the required nominal input voltage, e.g. 24 IPD6-05-T.

Extended temperature range -S is available for all types. Replace -T by -S on type number, e.g. 48 IPD6-05-12-S.

Modifications and customs are available upon request.

<sup>1</sup> Power derating from 100% to 75% load for 71°C to 85°C

Dimensions in mm (inches)



Pin Configuration		
Pin	Single output	Dual output
1	+Vi	+Vi
2	+Vi	+Vi
8	No Pin	-Go1
12	-Go	+Vo1
13	+Vo	+Vo2
17	No Pin	-Go2
23	-Gi	-Gi
24	-Gi	-Gi

Specifications subject to change without notice