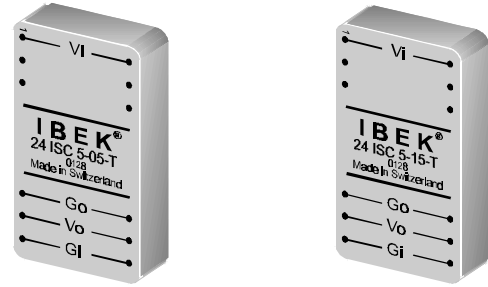


Single output
Non-isolated

- Ultra wide input voltage range
- Very high efficiency up to 91%
- Very low output voltage noise
- Continuous no-load and short-circuit proof
- DIL 24 case, h = 10.5 mm
- No derating
- SMD internal construction
- Made in Switzerland, ISO 9001 certified
- 2 years warranty



Electromagnetic emission EN 55022 < B

No load input current	3 mA typ.
Switching frequency	260 kHz typ.
Output voltage accuracy	± 1%; 5.1V output ± 1.4% max.
Static line regulation	± 0.5% max.
Static load regulation FL to NL	0...1% max.
Output voltage noise (20MHz BW)	30 mVpp typ.
Efficiency	87% to 91% typ.
Dynamic load regulation	± 1% max. ¹
Load transient recovery time	100 µs typ. ¹
Ambient temperature range	-40...+71°C
Case temperature range	-40...+95°C
Storage temperature range	-55...+105°C
Case material	Non-conductive plastic, UL94 V-0 rated
MTBF, GB @ 40°C case	> 4.000.000 hours
(MIL-HDBK-217F, Notice 2)	

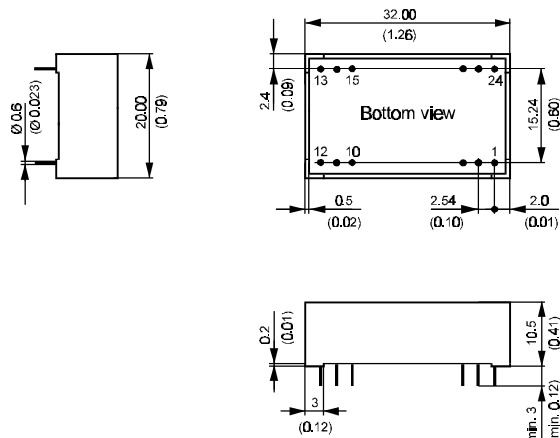
¹ For 33% load variation with a rise/fall time of ≥ 50 µs

Standard Types	Input voltage range VDC	Output	
		VDC	mA
24 ISC 5-05-T	8...40	5.1	1000
24 ISC 5-12-T	16...40	12	417
24 ISC 5-15-T	19...40 (nominal 24)	15	333

Modifications and customs are available upon request, e.g.:

- Synchronisation input Sync.
- External output voltage adjustment Adj.
- Shutdown input SD

Dimensions in mm (inches)



Pin Configuration		
Pin	Single output	Pin
1	+Vi	24
2	NC	23
3	NC	22
10	-Go	15
11	+Vo	14
12	-Gi	13