

Dual outputs
Input to output isolated
Output to output isolated

- Ultra wide 1:4 input voltage ranges up to 156 VDC
- Inhibit input
- Very high efficiency up to 85%
- Low output voltage noise
- Continuous no-load and short-circuit proof
- Extended ambient temperature range -40...+85°C
- No derating
- Made in Switzerland, accordingly ISO 9001:2000
- 2 years warranty

NEW!



Electromagnetic emission EN 55022 < B

Conducted and radiated emissions

	24 IPL	48 IPL	72 IPL	110 IPL	
No load input current	12	8	5	5	mA typ.
Input current in inhibited condition					3 mA max.
Switching frequency					350 kHz typ.
Output voltage accuracy					± 1% max. at 50% L
Static line regulation					± 1% max.
Static symmetrical load regulation					± 3% max. FL to 10%
Static cross load regulation					± 3% max. FL - 10% to 10% - FL
Output voltage noise (20 MHz BW)					50 mVpp typ.
Efficiency					82% to 85% typ.
I/O Electric strength test voltage					1500 VDC
O/O Electric strength test voltage					150 VDC
Coupling capacitance					1000 pF

Inhibit input (i) :

- All Apply -10...+0.8 VDC to operate (switch on) the unit.
 - 24 IPL Apply +2.4...+36 VDC to inhibit (switch off) the unit.
 - 48 IPL / 72 IPL / 110 IPL Apply +2.4...+75 VDC to inhibit (switch off) the unit.
- With open pin the unit is inhibited.

Ambient temperature range	-U: -40...+71°C; -S: -40...+85°C
Case temperature range	-U: -40...+95°C; -S: -40...+105°C
Storage temperature range	-U: -55...+105°C; -S: -55...+105°C
Case material	Non-conductive plastic, UL94 V-0 rated
MTBF, GB @ 40°C case	> 1.500.000 hours

(MIL-HDBK-217F, Notice 2)

Standard Types	Input voltage VDC	Output 1		Output 2	
		VDC	mA	VDC	mA
Dual output ¹					
24 IPL7-05-05-U RoHS	8.4...36 (nominal 24)	5	600	5	600
24 IPL7-12-12-U RoHS		12	250	12	250
24 IPL7-15-15-U RoHS		15	200	15	200
24 IPL7-24-24-U RoHS		24	130	24	130
Dual output ¹					
xx IPL7-05-05-U RoHS ²	16.8...75 (nominal 48)	5	700	5	700
xx IPL7-12-12-U RoHS ²		12	300	12	300
xx IPL7-15-15-U RoHS ²		15	240	15	240
xx IPL7-24-24-U RoHS ²		24	150	24	150

¹ For single output modules connect the dual outputs in parallel.

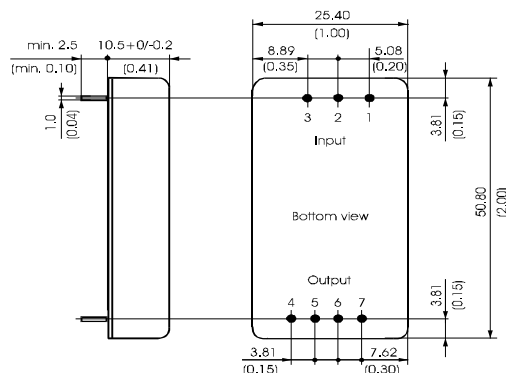
² To complete type number replace "xx" by the required nominal input voltage, e.g. 48 IPL7-05-05-U RoHS.

Extended temperature range -S is available for all types.

Replace -U by -S on type number, e.g. 72 IPL7-24-24-S RoHS.

Modifications and customs are available upon request.

Dimensions in mm (inches)



Pin Configuration	
Pin	Dual output
1	+Vi
2	-Vi
3	i
4	-Vo1
5	+Vo1
6	-Vo2
7	+Vo2