

单路
Single Output

01

产品主要特性

General Characteristics

- 业界 1/4 砖标准尺寸
- 工作环温: -40℃~+85℃
- 1500Vdc 隔离耐压
- 效率高达 93%
- 输出短路保护, 间歇式自恢复
- 可通过散热片转接板接驳非风冷散热方式
- 输入遥控功能
- Quarter Brick Industry Standard Footprint
- Operating Temperature -40℃~+85℃
- I/O-Isolation 1500Vdc
- High Efficiency Up to 93%
- Output Short-circuit Protection, Self recovery
- Non-air-cooled heat dissipation mode can be connected by heat sink transfer plate
- Remote On/Off Control

02

产品选型表

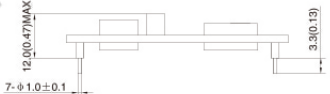
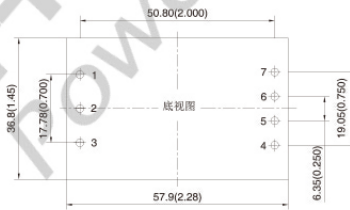
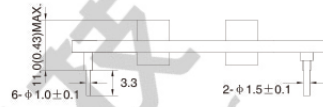
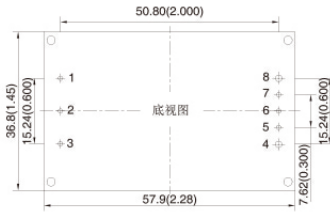
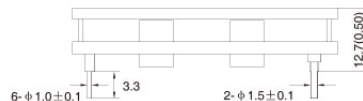
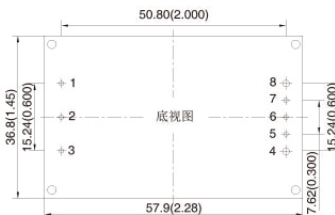
Model Selection Guide

型号 Product Model	输入电压范围 (标称值) Input Voltage Range (Typical)	输出电压 Output Voltage (Vdc)	输出电流 Output Current (A)	典型效率 Efficiency (%)
YQD241V0T40	18~36 (24Vdc)	1.0	40	84
YQD241V2T40		1.2	40	86
YQD241V5T40		1.5	40	86
YQD241V8T40		1.8	40	86
YQD242V5T30		2.5	30	89
YQD243V3T20		3.3	20	92
YQD2405T20		5	20	92.5
YQD2412T10		12	10	92.5
YQD481V0T40	36~75 (48Vdc)	1.0	40	85
YQD481V2T40		1.2	40	87
YQD481V5T40		1.5	40	87
YQD481V8T40		1.8	40	87
YQD482V5T30		2.5	30	89
YQD483V3T40		3.3	40	91.5
YQD4805T20		5	20	92
YQD4812T10		12	10	93
YQD30-48D3V31V2		3.3/1.2	8/8	87
YQD50-48D053V3		5.0/3.3	6/7	90

表格中产品为正逻辑控制, 如需负逻辑控制产品, 型号尾缀须加 P, 例: YQD483V3T40P

表格中产品如需加装散热片转接板, 型号尾缀须加 B, 例: YQD483V3T40B

YQD series products are controlled by positive logic signal. If the negative logic control is preferred, the suffix "P" should be added to the part no., such as YQD483V3T40P Converter with the baseplate option, suffix "B" Example: YQD483V3T40B

单路加散热片转接板结构
Converter with Optional Baseplate

定义 Pin Out	单路 Single Output	双路 Dual Output	定义 Pin Out	单路 Single Output	双路 Dual Output
1	-Vin	-Vin	5	+S	TRIM
2	CNT	CNT	6	TRIM	COM
3	+Vin	+Vin	7	-S	Vo2
4	+Vo	Vo1	8	-Vo	-

注: 安装螺钉进入散热器基板深度小于 3mm

Note: If M3 Screws are used to attach heatsink to the baseplate, the top surface of baseplate going down should not exceed 3.0mm max