



01

产品主要特性

General Characteristics

- 4:1 宽输入范围
- 工作壳温: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- 1500Vdc 隔离耐压
- 效率高达 92%
- 输出短路保护, 自恢复
- 输入遥控功能
- Ultra-wide 4:1 Input Voltage Range
- Case Temperature $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- I/O-Isolation 1500Vdc
- High Efficiency Up to 92%
- Output Short-circuit Protection, Self recovery
- 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 (%)
WLD30-24S03	9~36 (24Vdc)	3.3	6	89
WLD30-24S05		5	6	90
WLD30-24S12		12	2.5	91
WLD30-24S15		15	2	91
WLD30-24S24		24	1.25	88
WLD50-24S03		3.3	10	90
WLD50-24S05		5	10	91
WLD50-24S12		12	4.17	92
WLD50-24S15	18~75 (48Vdc)	15	3.33	92
WLD50-24S24		24	2.08	90
WLD30-48S03		3.3	6	87
WLD30-48S05		5	6	89
WLD30-48S12		12	2.5	88
WLD30-48S15		15	2	88
WLD30-48S24		24	1.25	88
WLD50-48S03		3.3	10	90
WLD50-48S05		5	10	91
WLD50-48S12		12	4.17	92
WLD50-48S15		15	2.38	92
WLD50-48S24		24	2.08	90

表格中产品为正逻辑控制, 如需负逻辑控制产品, 型号尾须加 P。例: WLD50-24S05P

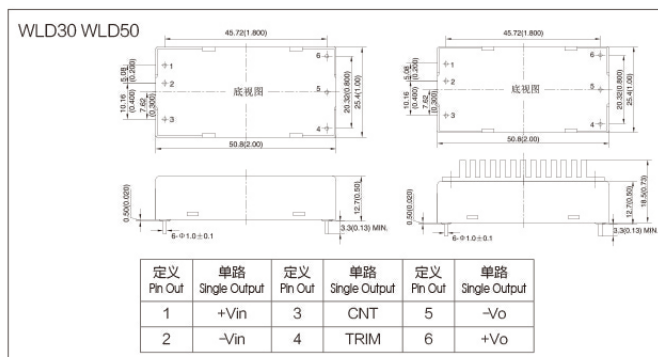
表格中产品如需加装散热片型号尾须加 B。例: WLD50-24S05B

WLD30-50 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 WLD50-24S05P. Converter with the baseplate option suffix 'B'. Example: WLD50-24S05B

03

封装尺寸和管脚定义图

Outline Diagram And Pin Out



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- 4:1 宽输入范围
- 工作壳温: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- 1500Vdc 隔离耐压
- 效率高达 91%
- 输出短路保护, 自恢复
- 输入遥控功能
- Ultra-wide 4:1 Input Voltage Range
- Case Temperature $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- I/O-Isolation 1500Vdc
- High Efficiency Up to 91%
- Output Short-circuit Protection, Self recovery
- 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 (%)
WELS30-24B03	9~36 (24Vdc)	3.3	6	88
WELS30-24B05		5	6	89
WELS30-24B12		12	2.5	89
WELS30-24B15		15	2	89
WELS30-24B24		24	1.25	87
WELS50-24B03		3.3	10	89
WELS50-24B05		5	10	90
WELS50-24B12		12	4.17	91
WELS50-24B15	18~75 (48Vdc)	15	3.33	91
WELS50-24B24		24	2.08	89
WELS30-48B03		3.3	6	86
WELS30-48B05		5	6	88
WELS30-48B12		12	2.5	87
WELS30-48B15		15	2	87
WELS30-48B24		24	1.25	87
WELS50-48B03		3.3	10	89
WELS50-48B05		5	10	90
WELS50-48B12		12	4.17	91
WELS50-48B15		15	3.33	91
WELS50-48B24		24	2.08	89

表格中产品为正逻辑控制, 如需负逻辑控制产品, 型号尾须加 P。例: WELS50-24B05P

表格中产品如需加装散热片型号尾须加 B。例: WELS50-24B05B

WELS30-50 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 WELS50-24B05P. Converter with the baseplate option suffix 'B'. Example: WELS50-24B05B

03

封装尺寸和管脚定义图

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