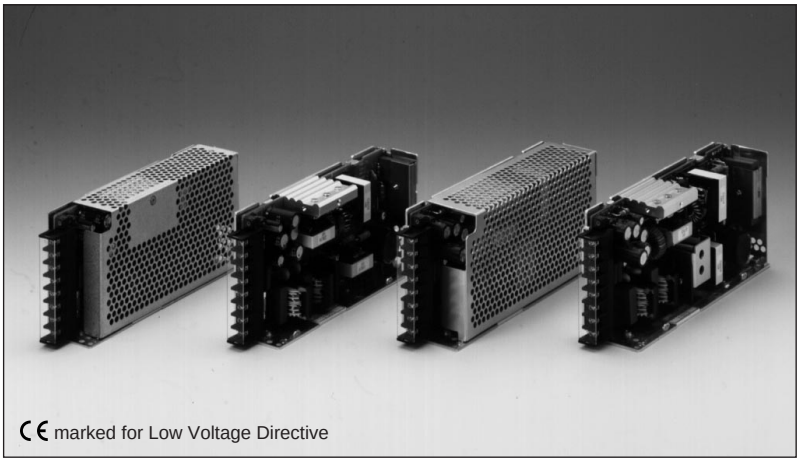
JWT-SERIES Triple output 75 ~ 100W



CE marked for Low Voltage Directive

Model name

JWT75 - 522 / □ □

- JWT75 - 522: Series name
- 75: Max. output power
- 522: Nominal output voltage
- R: With remote ON/OFF control
- Blank: Standard open frame & terminal block
- A: With Cover & terminal block
- B: Open frame & connectors
- C: With cover & connectors

Features

- CE marking
  Meet to Low Voltage Directive: Approved by EN60950
- Machinery Directive (Approved by VDE0160)
- Power Factor & Harmonic Correction (Built to meet EN61000-3-2)
- Universal Input (85 ~ 265VAC)
- EMI (Built to meet EN55011-B,EN55022-B,VCCI-B,FCC-B)
- Remote ON/OFF control (Optional model)

Specifications

1. Input voltage range	85 ~ 265VAC (47 ~ 63Hz) Universal input
2. Power Factor	0.99 (typ) at 100VAC Full load, 0.93 (typ) at 200VAC Full load
3. Cooling	Convection cooling
4. Operating Temperature	Open frame type: –10 ~ +65°C (–10 ~ +50°C: 100%, +65°C: 50%)
	JWT75 with cover type: –10 ~ +55°C (–10 ~ +45°C: 100%, +55°C: 60%) JWT100 with cover type: –10 ~ +50°C (–10 ~ +40°C: 100%, +50°C: 60%)
5. Withstand voltage	Input to output: 3kVAC (20mA) for 1 min., Input to FG: 2kVAC (20mA) for 1 min. Output to FG: 500VAC (100mA) for 1 min.
6. Conducted emission noise	Built to meet EN55011-B, EN55022-B, FCC class B, VCC I class B
7. Radiated emission noise	Built to meet EN55011-B, EN55022-B, FCC class B, VCC I class B
8. PFHC	Built to meet EN61000-3-2
9. Safety standard	Approved to UL1950 , CSA950(C-UL), EN60950 (TUV) and VDE0160(TUV)
10. Functions	OVP (V1 only), OCP
11. Option	Remote ON/OFF control, Cover, Input & output connector terminals

Line-up

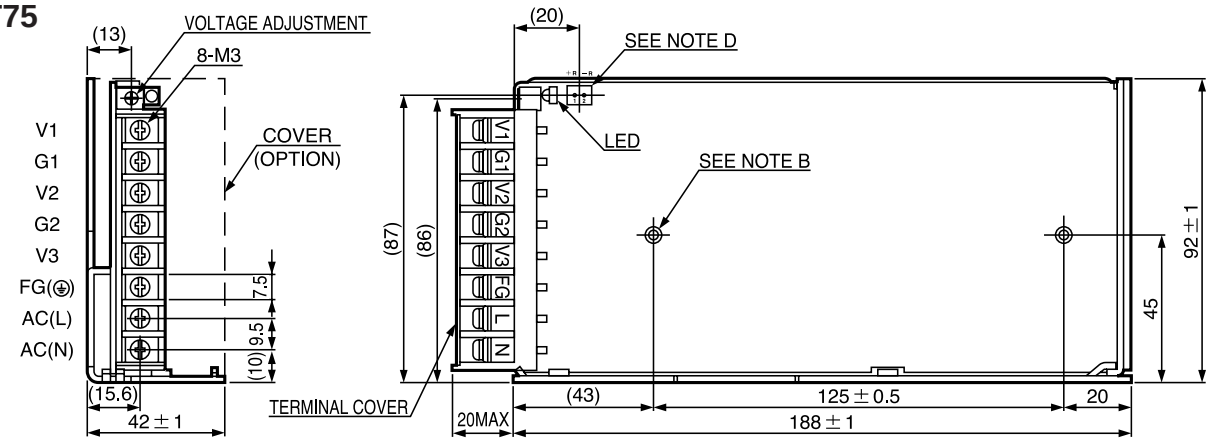
Model		Output Channel	Output Voltage	Output Current	Output Power/ch	Total output Power	Safety Standard		
							EN60950	UL1950	CSA950
JWT75	JWT75-522	CH1(V1)	5V	0.8 ~ 8.0A	40W	75W	○	○	○
		CH2(V2)	+12V	0 ~ 4.0A	48W				
		CH3(V3)	–12V	0 ~ 0.5A	6W				
	JWT75-5FF	CH1(V1)	5V	0.8 ~ 8.0A	40W	75W	○	○	○
		CH2(V2)	+15V	0 ~ 3.2A	48W				
		CH3(V3)	–15V	0 ~ 0.5A	7.5W				
	JWT75-525	CH1(V1)	5V	0.8 ~ 8.0A	40W	75W	○	○	○
		CH2(V2)	+12V	0 ~ 4.0A	48W				
		CH3(V3)	–5V	0 ~ 0.5A	2.5W				
JWT100	JWT100-522	CH1(V1)	5V	1.3 ~ 13.0A	65W	100W	○	○	○
		CH2(V2)	+12V	0 ~ 5.5A	66W				
		CH3(V3)	–12V	0 ~ 1.0A	12W				
	JWT100-5FF	CH1(V1)	5V	1.3 ~ 13.0A	65W	100W	○	○	○
		CH2(V2)	+15V	0 ~ 4.5A	67.5W				
		CH3(V3)	–15V	0 ~ 1.0A	15W				
	JWT100-525	CH1(V1)	5V	1.3 ~ 13.0A	65W	100W	○	○	○
		CH2(V2)	+12V	0 ~ 5.5A	66W				
		CH3(V3)	–5V	0 ~ 1.0A	5W				

*Preload required 0.8A(ch1) on JWT75, 1.3A(ch1) on JWT100.

○ : Safety standard approved

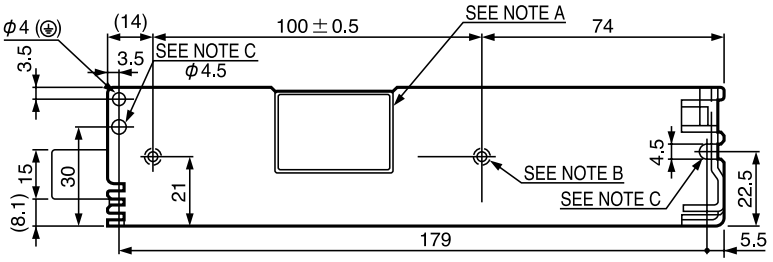
■ Outline drawing

JWT75



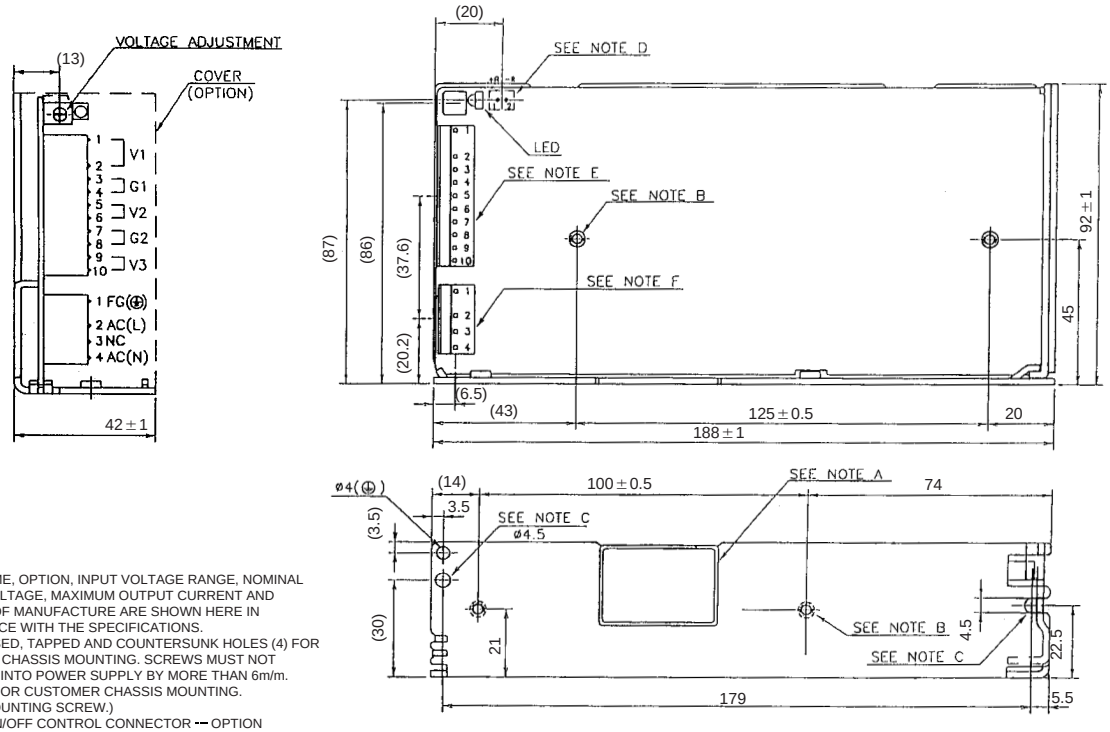
NOTES
A: MODEL NAME, OPTION, INPUT VOLTAGE RANGE, NOMINAL OUTPUT VOLTAGE, MAXIMUM OUTPUT CURRENT AND COUNTRY OF MANUFACTURE ARE SHOWN HERE IN ACCORDANCE WITH THE SPECIFICATIONS.
B: M4 EMBOSSED, TAPPED AND COUNTERSUNK HOLES (4) FOR CUSTOMER CHASSIS MOUNTING. SCREWS MUST NOT PROTRUDE INTO POWER SUPPLY BY MORE THAN 6m/m.
C: ϕ4.5 HOLE FOR CUSTOMER CHASSIS MOUNTING. (USE M4 MOUNTING SCREW.)
D: REMOTE ON/OFF CONTROL CONNECTOR --- OPTION B2B-XH-AM (JST)

ACCESSORIES
* COVER FOR BARRIER STRIP TERMINAL
* HOUSING: XHP-2 (JST), TERMINAL: BXH-001T-P0.6 (JST) OR SXH-001T-P0.6 (JST) --- OPTION



(Unit: mm)

JWT75 (Connector terminal type)



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D: REMOTE ON/OFF CONTROL CONNECTOR --- OPTION B2B–XH–AM (JST)
E: CONNECTOR: 5277–10A (MOLEX)
F: CONNECTOR: 5289–4A (MOLEX)

ACCESSORIES
- HOUSING: 5196–10 (MOLEX), TERMINAL: 5194PBT (MOLEX)
- HOUSING: 5199–04 (MOLEX), TERMINAL: 5194PBT (MOLEX)
- HOUSING: XHP–2 (JST), TERMINAL: BXH–001T–P0.6 (JST) OR SXH–001T–P0.6 (JST) --- OPTION

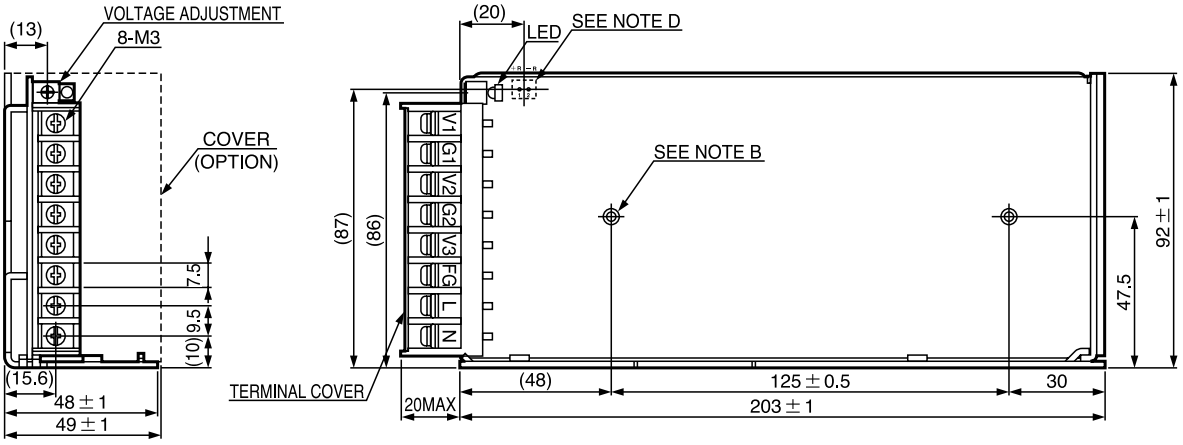
●Recommended Noise Filter
MAW-1202-22 GO!!

P134

●Recommended Power Supply Fixture GO!! P198

(Unit: mm)

JWT100



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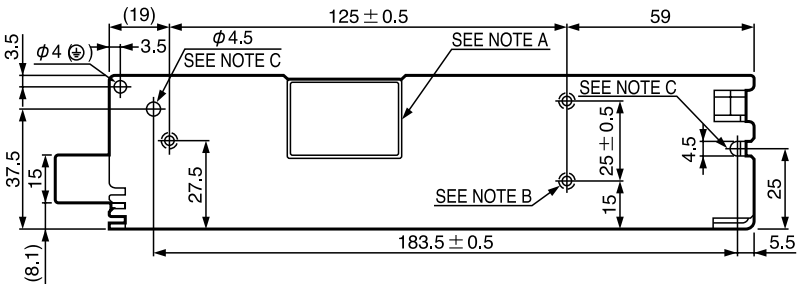
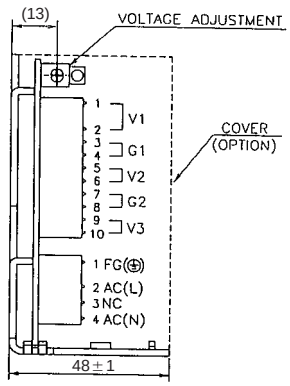
C: ϕ4.5 HOLE FOR CUSTOMER CHASSIS MOUNTING. (USE M4 MOUNTING SCREW.)
D: REMOTE ON/OFF CONTROL CONNECTOR --- OPTION B2B-XH-A (JST)

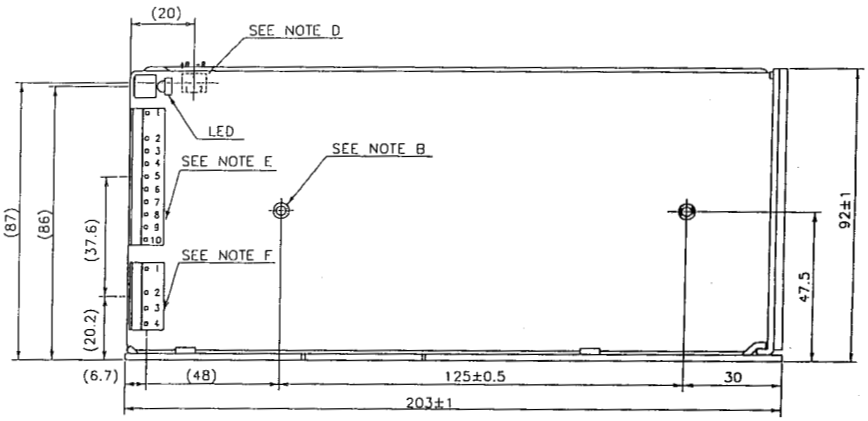
ACCESSORIES
* COVER FOR BARRIER STRIP TERMINAL
* HOUSING: XHP-2 (JST), TERMINAL: BXH-001T-P0.6 (JST) OR SXH-001T-P0.6 (JST) --- OPTION

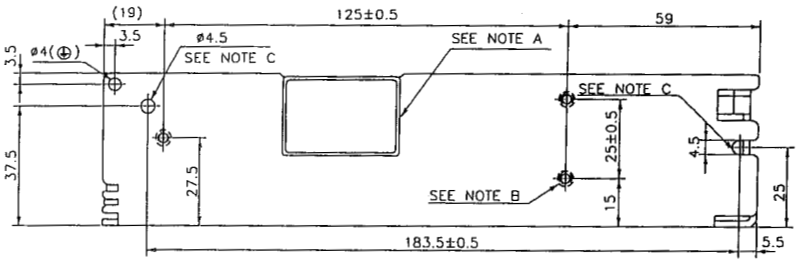


(Unit: mm)

JWT100 (Connector terminal type)







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(Unit: mm)

●Recommended Noise Filter
MAW-1202-22 GO!!

P134

●Recommended Power Supply Fixture GO!! P198