



Newsletter

Product Launch Announcement

Content

I. Product Introduction

DVP16SN11T	1
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II. Electrical and Hardware Specifications

DVP16SN11T	1
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III. Ordering information

3

IV. Expected Release Date

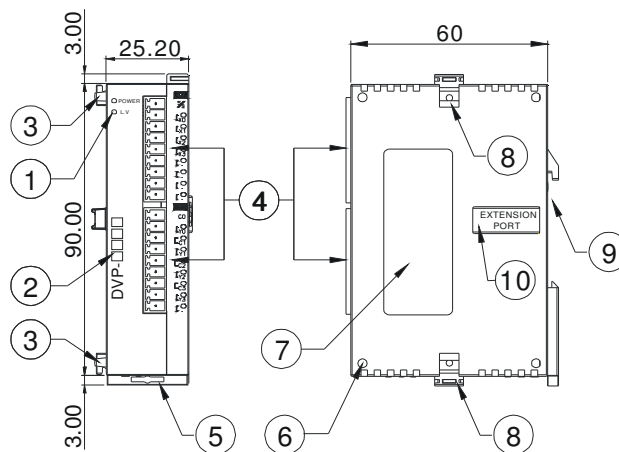
3

Product Introduction

DVP16SN11T is the slim type MCU right side I/O module and 16 transistor NPN output.

Electrical and Hardware Specifications

Outline



① POWER, L.V (low voltage) indicator	⑥ Extension unit positioning hole
② Model name	⑦ Nameplate
③ Extension unit fixing clip	⑧ Extension unit fixing clip
④ I/O terminals	⑨ DIN rail (35mm)
⑤ DIN rail clip	⑩ Connection port for extension unit

Electrical Specifications

Item \ Model	16SN11T
Power supply voltage	24VDC (-15%~20%) (with DC input polarity reverse protection)
Motion specification	Within 5ms of the momentary power loss, the device will keep on operating

Product Launch Announcement

Power consumption	1W
Noise immunity	ESD (IEC 61131-2, IEC 61000-4-2): 8KV Air Discharge EFT (IEC 61131-2, IEC 61000-4-4): Power Line: 2KV, Digital I/O: 1KV, Analog & Communication I/O: 1KV Damped-Oscillatory Wave: Power Line: 1KV, Digital I/O: 1KV RS (IEC 61131-2, IEC 61000-4-3): 26MHz ~ 1GHz, 10V/m
Earth	The diameter of grounding wire shall not be less than that of L, N terminal of the power. When many PLCs are in use at the same time, please make sure every PLC is properly grounded.
Operation / storage environment	Operation: 0°C ~ 55°C (temperature), 50% ~ 95% (humidity), pollution degree 2 Storage: -25°C ~ 70°C (temperature), 5% ~ 95% (humidity)
Shock / vibration immunity	International standards: IEC61131-2, IEC 68-2-6 (TEST Fc) / IEC61131-2 & IEC 68-2-27 (TEST Ea)
Noise immunity	ESD (IEC 61131-2, IEC 61000-4-2): 8KV Air Discharge EFT (IEC 61131-2, IEC 61000-4-4): Power Line: 2KV, Digital I/O: 1KV, Analog & Communication I/O: 1KV Damped-Oscillatory Wave: Power Line: 1KV, Digital I/O: 1KV RS (IEC 61131-2, IEC 61000-4-3): 26MHz ~ 1GHz, 10V/m
Weight (g)	70

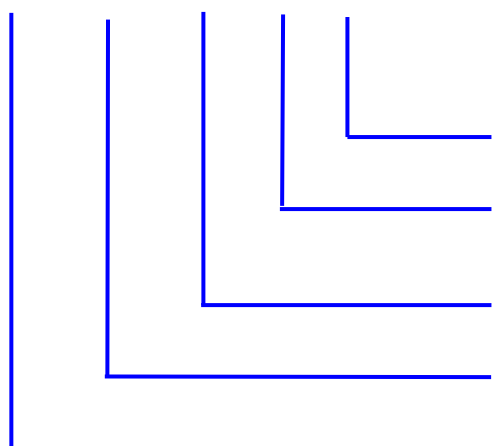
Output

Output type	Transistor-T (Sink)
Current specification	55°C 0.1A/1 point 50°C 0.15A/1 point 45°C 0.2A/1 point 40°C 0.3A/1 point (2A/COM)
Voltage specification	30VDC
Maximum load	9W
Response time	Off → On 15 μs On → Off 25 μs

Product Launch Announcement

Ordering information

DVP 16 SN 11 T



T : Transistor NPN

11 : DC Power input

SS/SA/SX/SC/SV, SS2/SA2/SX2 MCU; N: output

16 I/O

DVP PLC

Expected Release Date

Product name	Model Name	Date	MOQ (pcs)
Slim type DI/O module	DVP16SN11T	3/2012	6