

<b>Technical Information</b>	
Description	Digital output module, 16 outputs, PNP, 24VDC
Number of signal channels	16
Signal type	NPN
"ON" signal voltage	High resistance state
"OFF" signal voltage	24V DC
Data size	2 Byte
Line type	1-wire
Reverse circuit protection	Yes
Overcurrent protection	Yes
Short circuit protection	Yes
Isolation method	Optoelectronic isolation from the on-site layer
Error diagnosis	Yes
Switching frequency (resistive)	100Hz
Switching frequency (lamp)	10Hz
Switching frequency (inductive)	0.2Hz
Response time of protection circuit	< 100 μs
Maximum current output per channel	500 mA
Leakage current	Max: 10uA
Hardware response time	100us/100us
Output impedance	<200mΩ
Output delay	OFF to ON :Max.100us , ON to OFF :Max.150us
Protection function	Over temperature shutdown: typical value 135 °C Overcurrent protection: 1.1A. Typical value 0.5A Support short circuit protection
Load type	Inductive (7.2W/point, 24W/module), resistive (0.5A/point, 4A/module), electric light (5W/point, 18W/module)
Output action display	When the output is in the drive state, the indicator light is on
Input Derating	Derate by 50% when operating at 55 °C (while the output current of ON does not exceed 2A), or by 10 °C when all output points are ON
I/O mapping	Supports three I/O mapping methods: bit access, byte access, and word access
Fault shutdown output status mode	Clear to zero and maintain the current value
In shutdown mode	Press the fault shutdown mode and no longer refresh
Working voltage	24V DC +20 %/ -15 %
System feed current	<75mA
<b>Wiring parameters</b>	
Connection technology: output end	PUSH-IN type wiring port
line type	Output
Crimping area of wire	0.14~1.5mm <sup>2</sup> /26~16AWG
Strip length	8~10mm
Installation method	DIN-35 type guide rail
<b>Material parameters</b>	
Colour	Black
Housing material	PC plastic, PA66
Consistency flag	CE
<b>Environmental requirements</b>	
Permissible ambient temperature (during operation)	-25~60°C
Permissible ambient temperature(storage)	-40~85°C

Protection type	IP20
Pollution leve	2. Comply with IEC 61131-2 standard
Working altitude	Without temperature influence: 0~2000m
Relative humidity (non condensing)	5~95%RH
Anti vibration	4g, Complies with IEC 60068-2-6 standard
Impact resistance	15g, Complies with IEC 60068-2-27 standard
EMC - Immunity	Complies with EN 61000-6-2 standard
EMC-Radiated Interference	Complies with EN 61000-6-3 standard
Corrosion resistance	Complies with IEC 60068-2-42 and IEC 60068-2-43 standards
Permissible H2S pollutant concentration at 75% relative humidity	10ppm
Permissible SO2 pollutant concentration at 75% relative humidity	25ppm