

Digital output module: NP1Y□

Performance specifications

Model	Output format	No. of output points	Rated voltage	Max. load current		Output delay time		Insulation method	Status indication	No. of points/common	Surge protection	External connections	Internal current consumption (24 V DC)	Weight
				1 point	Common	OFF→ON	ON→OFF							
NP1Y08T0902	Transistor output sink type	8 points	12 to 24 V DC	2.4 A	8 A	1 ms or less	1 ms or less	Photocoupler insulation	LED indication	8 points x 1	Varistor	Terminal block	20 mA or less	Approx. 150 g
NP1Y16T09P6		16 points		0.6 A	4 A					8 points x 2			42 mA or less	
NP1Y16T10P2		32 points	48 V DC	0.2 A	1.6 A					32 points x 1	Zener diode	Connector	42 mA or less	Approx. 160 g
NP1Y32U09P1			0.12 A	3.2 A	32 points x 2								45 mA or less	Approx. 130 g
NP1Y64T09P1			64 points	0.12 A	3.2 A								32 points x 2	90 mA or less
NP1Y08U0902	Transistor output source type	8 points	12 to 24 V DC	2.4 A	8 A	1 ms or less	1 ms or less	Photocoupler insulation	LED indication	8 points x 1	Varistor	Terminal block	20 mA or less	Approx. 150 g
NP1Y16U09P6		16 points		0.6 A	4 A					8 points x 2			30 mA or less	
NP1Y32U09P1		32 points		0.12 A	3.2 A					32 points x 1	Diode	Connector	45 mA or less	Approx. 140 g
NP1Y64U09P1		64 points		0.12 A	3.2 A					32 points x 2			90 mA or less	Approx. 180 g
NP1Y08S	SSR output	8 points	100 to 240 V AC	2.2 A	2.2 A	10 ms or less	10 ms or less	Relay insulation		All points are independent.	CR absorber and varistor	Terminal block	80 mA or less	Approx. 200 g
NP1Y08R-04	Relay output	8 points	110 V DC/ 240 V AC	30 V DC/ 264 V AC: 2.2 A 110 V DC: 0.2 A	30 V DC/ 264 V AC: 4 A 110 V DC: 0.8 A	Approx. 10 ms	Approx. 10 ms	Relay insulation		4 points x 2	Varistor	Terminal block	80 mA or less	Approx. 150 g
NP1Y16R-08		16 points		30 V DC/ 264 V AC: 8 A 110 V DC: 1.6 A	30 V DC/ 264 V AC: 8 A 110 V DC: 1.6 A		8 points x 2		176 mA or less	Approx. 190 g				
NP1Y08R-00		8 points		—	—		All points are independent.		100 mA or less	Approx. 170 g				

Internal circuit diagram

