

Product Details and Certifications

Cross Reference RA Part Number: 100-DNY42R B

➔ **Product: 100-DNY42R**

Description: Distributed Starter System, 4 (24V DC) Inputs,
2 Relay (250V rated) Outputs



Representative Photo Only (actual product may vary based on configuration sections)

DISTIBUTED STARTED SYSTEM SATA

Bulletin Number	100- DeviceNet Starter Auxiliary Module
Decive I/O	4 Inputs / 2 Outputs Relay per Device
On-State Voltage Inputs	10...30V DC
Off-State Voltage Inputs	5.5V DC
On-State Current Inputs	3 mA at 10V min, 11 mA at 30V
Off-StateCurrent Inputs	1.5 mA
Transition Input Voltage	5...10V DC
Transition Input Current	1.5...3 mA
Sensor Input Voltage	19...25V DC
Sensor Input Current	35 mA
Output Voltage	240V AC max, 30V DC
Thermal Cont Current Output	5 Amp per Output

CERTIFICATIONS AND APPROVALS

UL
CSA
IEC
CE
cULus Listed

Inputs

Table 7.A Cat. Nos. 100-DNY41R

Inputs per Device		4 : 100-DNY41R 2 : 100-DNY21R
On-State Voltage Range	50/60 Hz	80...132V AC
On-State Current	Maximum Minimum	2 mA 1.2 mA
Off-State Voltage	Maximum	40V AC
Off-State Current	Minimum	0.6 mA
Transition Voltage		40...79V AC
Transition Current		0.6...1.2 mA

Table 7.B Cat. Nos. 100-DNY42R, 100-DNY42S



Inputs per Device		4 : 100-DNY42R, 100-DNY42S 2 : 100-DNY22R, 100-DNY22S
On State Voltage Range		1...30V DC
On State Current	Maximum Minimum	11 mA @ 30V 3 mA @ 10V
Off State Voltage	Maximum	5V DC
Off State Current	Maximum	1.5 mA
Transition Voltage		5...10V DC
Transition Current		1.5...3 mA
Sensor Source	Voltage Current	19... 25V DC 35 mA

Outputs

Table 7.C Cat. Nos. 100-DNY41R, 100-DNY42R (Relay Output)

Outputs per Device		2: 100-DNY41R, 100-DNY42R 1: 100-DNY21R, 100-DNY22R
Outputs Voltage Range	Maximum	240V AC, 30V DC
Switching Capacity	Maximum	3600 VA UL: E300 IEC: AC-15, 5A
Thermal Continuous Current (per output)	Maximum	5 A




Table 7.D Cat. Nos. 100-DNY42S (Solid-State Output)

Outputs per Device		2: 100-DNY42S 1: 100-DNY22S
Output Voltage Range		15...30V DC, $\pm 0\%$
On-State Voltage Drop	Maximum	0.25V @ 2 A
On-State Current (per output)	Maximum	2 A per output
Off-State Leakage Current	Maximum	1.5 mA
Surge Current (per output)		4 A for 50 ms