



GN DC Series

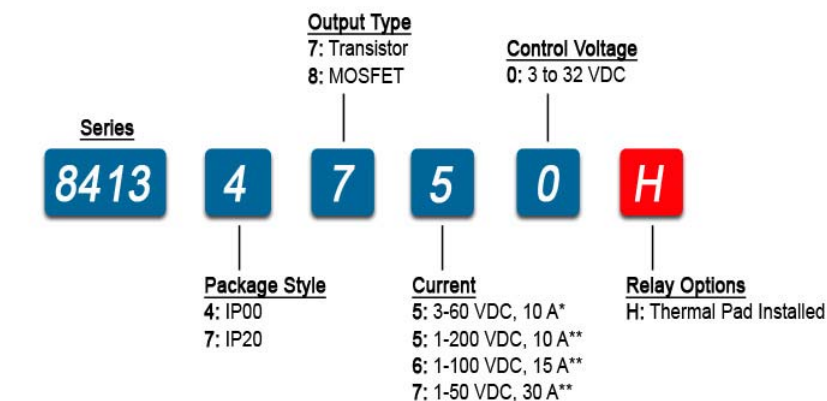


- Output current ratings of 10, 15 and 30 amps
- Output voltage 3-60, 1-50, 1-100 and 1-200 VDC
- 3-32VDC control
- cUL/TUV Approved, CE & RoHS Compliant

PRODUCT SELECTION

Control Voltage	10A	10A	15A	30A
3-32 VDC	84134750	84134850	84134860	84134870

AVAILABLE OPTIONS



- Required for valid part number
- For options only and not required for valid part number

* With Output Type 7 only
** With Output Type 8 only

OUTPUT SPECIFICATIONS (1)

Description	84134750	84134850	84134860	84134870
Operating Voltage Range [Vdc]	3-60	1-200	1-100	1-50
Maximum Load Current [Adc]	10	10	15	30
Minimum Load Current [mAdc]	10	0.1	0.1	0.1
Maximum Off-State Leakage Current [mAdc]	1.0	0.01	0.01	0.01
Maximum 1 sec Surge Current	90	60	120	180
Maximum On-State Voltage Drop @ Rated Current	1.6	n/a	n/a	n/a
Maximum On-State Resistance [Ohms]	n/a	0.09	0.09	0.09
Thermal Resistance Junction to Baseplate [°C/W]	4.3	4.4	4.6	2.3

INPUT SPECIFICATIONS (1)

Description	84134750	841348xx
Input Voltage Range (5)	3-32 VDC	3-32 VDC
Minimum Turn-On Voltage	3.0 VDC	3.0 VDC
Drop out Voltage	1.0 VDC	1.0 VDC
Maximum Input Current	14.5mA	20mA
Minimum input current (for on-state)	9mA	12mA
Turn-on time [ms]	0.1	2
Turn-off time [µs]	200	50

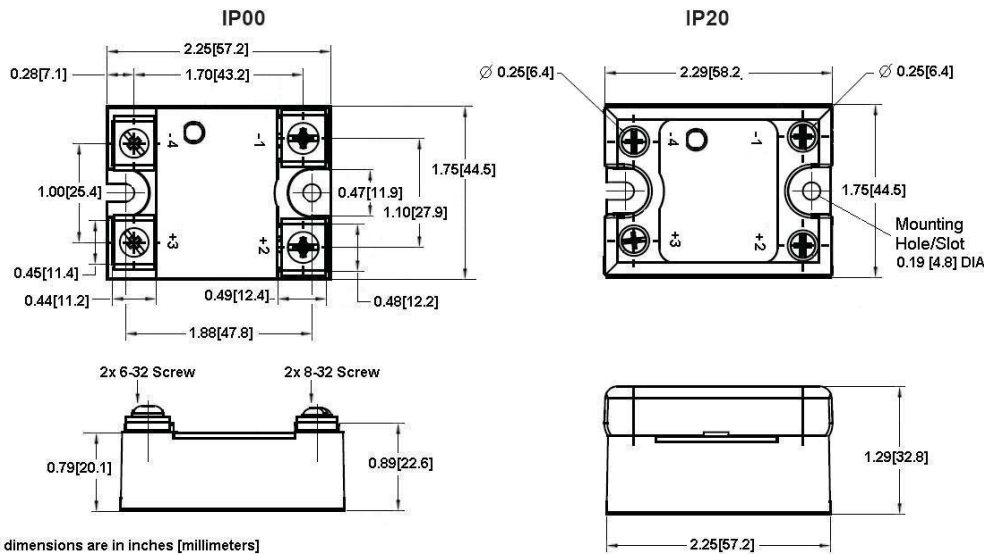


GENERAL SPECIFICATIONS

Description	Parameters
Ambient Operating Temperature Range (5)	-40 to 80 °C
Ambient Storage Temperature Range	-40 to 100 °C
Input to output isolation	4000 Vrms
Input/output to ground isolation	2500 Vrms
Input to output capacitance	8 pF
Housing Material	UL 94V0 (self extinguishing)
Status Indicating Display	Green
Weight (typical)	0.16 lbs (73.6 g)
Input Terminal Screw Torque (6-32 screw) [in lbs/Nm]	8-10 / 0.9-1.1
Output Terminal Screw Torque (8-32 screw) [in lbs/Nm]	15-20 / 1.7-2.2

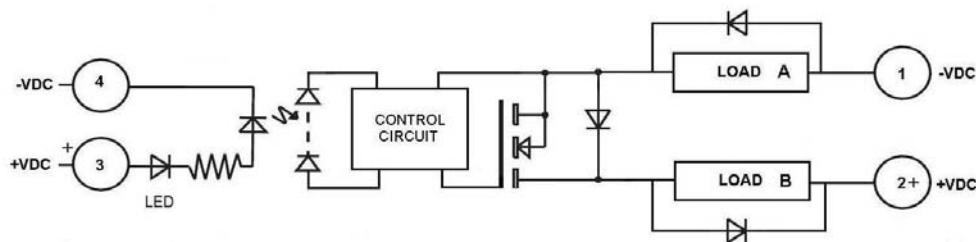
GENERAL NOTES

MECHANICAL SPECIFICATIONS

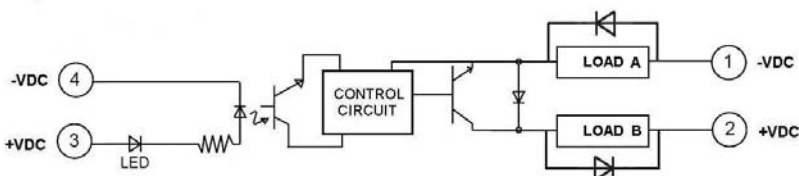


All dimensions are in inches [millimeters]

WIRING DIAGRAM



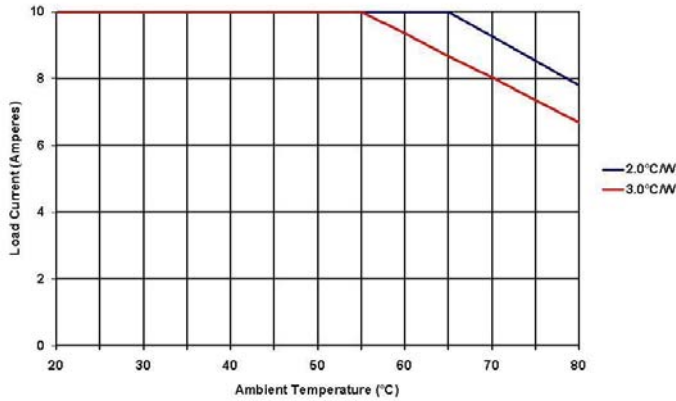
Load can be wired in position A or B



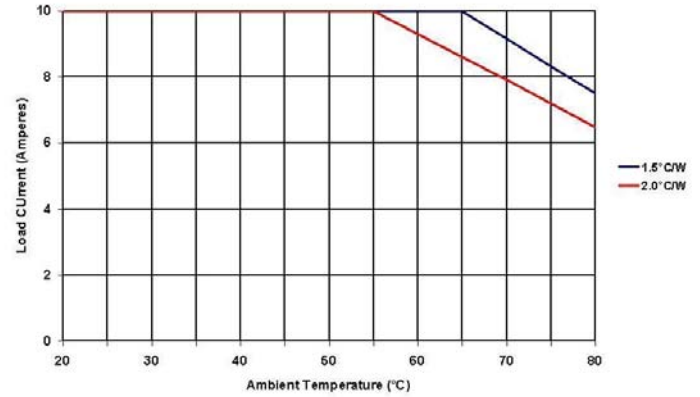


THERMAL DERATE INFORMATION

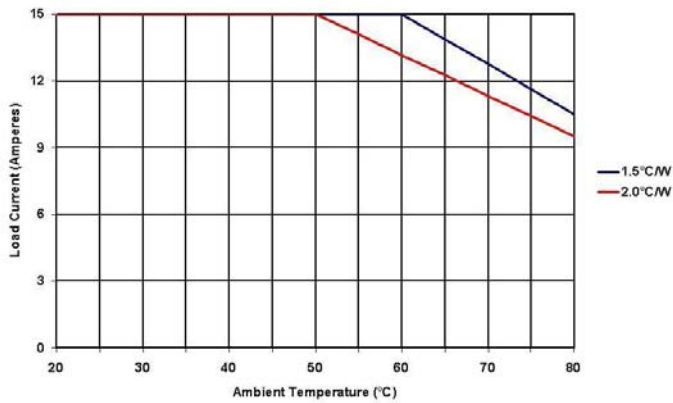
DERATING CURVE: 8413x750



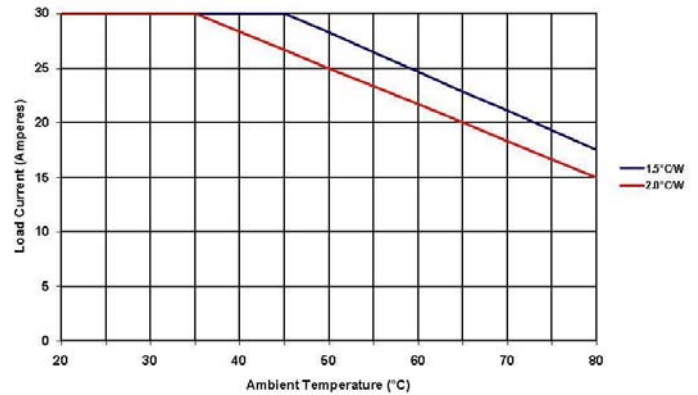
DERATING CURVE: 8413x850



DERATING CURVE: 8413x860



DERATING CURVE: 8413x870



Heat sink part numbers corresponding to °C/W ratings above: 3.0°C/W = HS301
 2.0°C/W = HS202 or HS201
 1.5°C/W = HS151

AGENCY APPROVALS



高诺斯固态继电器 Crouzet 代理商全国 400 热线 4006-022-002

北京(Beijing) 010-68008 911 进口固态继电器经销商 www.shuntu.net

广东省深圳 0755-83656701 江苏省 0510-81157933 无锡固态继电器

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[UL 认证固态继电器](#); [CSA 认证固态继电器](#); [VDE 认证固态继电器](#); [CE 认证固态继电器](#); [进口固态继电器](#)

额定电流	输出电压	输入电压	保护盖	输出方式	型号 GN
10 A	1-200 V DC	3-32 V DC	无保护罩	F. E. T.	84134850
15 A	1-100 V DC	3-32 V DC	无保护罩	F. E. T.	84134860
30 A	1-50 V DC	3-32 V DC	无保护罩	F. E. T.	84134870
10 A	3-60 V DC	3-32 V DC	无保护罩	Transistor	84134750
10 A	1-200 V DC	3-32 V DC	带保护盖	F. E. T.	84137850
15 A	1-100 V DC	3-32 V DC	带保护盖	F. E. T.	84137860
30 A	1-50 V DC	3-32 V DC	带保护盖	F. E. T.	84137870
10 A	3-60 V DC	3-32 V DC	带保护盖	Transistor	84137750

施耐德固态继电器