



Schneider Electric Relays

200 N. Martingale Rd., Suite 1000

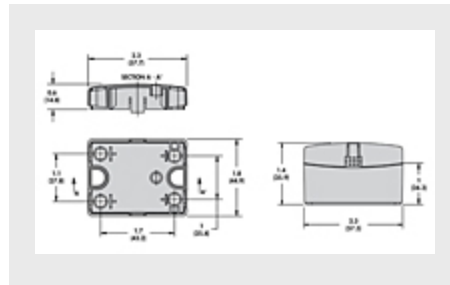
Schaumburg, IL 60173

Phone: 847-441-2540 • Fax: 847-881-0741

E-Mail: relays@schneider-electric.com • Web site: www.serelays.com

ITEM # 6275AXXSZS-DC3, CLASS 6 SOLID STATE RELAY / SPST-NO, 75 AMP RATING

Electronic control devices that have no moving parts - They are suitable for applications that have high cycle rates and require reliable and silent operations.



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Specifications

Check Inventory [Check Distributor Inventory](#)

Status NCNR

Mounting Type Panel Mount

Legacy Part No. W6275DSX-1

Maximum I_T for Fusing (A_s) 4150 A_s

California Proposition 65 Warning



WARNING: This product can expose you to chemicals including:
Substance 1: Lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm.
 For more information go to www.p65warnings.ca.gov

Output Characteristics

Contact Rating 75 A

Contact Configuration	SPST-NO
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Output Voltage Range	24 to 280 VAC
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Switching Type	Zero Cross
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Switching Device	SCR (2)
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Maximum Zero Turn-On Voltage [Vpk]	600 V
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Maximum Rate of Rise Off State Voltage [dv/dt]	500 V/us
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Incandescent Lamp Ampere Rating [rms]	39 A
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Motor Load Rating [rms]	25 A
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Min. Load Current to Maintain On	150 mA
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Non-Repetitive Surge Current (1 cycle)	1150 A
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Max. RMS Overload Current (1 second)	150 A
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Max. Off State Leakage Current [rms]	1 mA
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Peak Blocking Voltage	600 Vpk
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Max. On State Voltage Drop [rms]	1.6 VAC
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Input Characteristics -

Input Voltage Range	3 to 32 VDC
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Maximum Turn-On Voltage	3 VDC
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Minimum Turn-Off Voltage	1 VDC
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Must Release Voltage	1 VDC
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Nominal Input Impedance	Current Regulator
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Typical Input Current	10 mA
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Reverse Polarity Protection	Yes
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Miscellaneous Characteristics -

Thermal Resistance (Junction to Case)	0.31 °C/W
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Minimum Insulation Resistance	1E+9 ohms
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Maximum Capacitance	10
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Rated Insulation Voltage, Input to Output	2500 VAC
Dielectric Strength, Terminals to Chassis	4000 VAC
Ambient Air Temperature around the Device - Storage	-40 to +125 °C
Ambient Air Temperature around the Device - Operation	-40 to +80 °C
Input Terminal	M3.5
Output Terminal	M6
Recommended Terminal Screw Torque Range	6-32 Screws: 10 in lb 8-32 & 10-32 Screws: 20 in lb
Degree of Protection	IP 20
LED Input	Green
Weight	3 oz 86.50 g

Product Certifications**Agency Approvals**

UL (E258297)
CE (per IEC 600947-4-1)
CSA (168986)
RoHs

Mouser Electronics

Authorized Distributor

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[W6275DSX-1](#)