



Schneider Electric - Magnecraft Relays

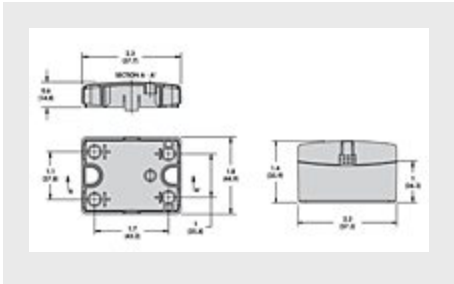
1300 South Wolf Road
Des Plaines, IL 60018

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

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

ITEM # 6225AXXSZS-DC3, CLASS 6 SOLID STATE RELAY / SPST-NO, 25 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.



[SPECIFICATIONS](#) | [OUTPUT CHARACTERISTICS](#) | [INPUT CHARACTERISTICS](#) | [MISCELLANEOUS CHARACTERISTICS](#) | [PRODUCT CERTIFICATIONS](#)

Specifications		—
Check Inventory	Check Distributor Inventory	
Status	Standard	
Mounting Type	Panel Mount	
Legacy Part No.	W6225DSX-1	
Maximum I_ T for Fusing (A_)	260 A_sec	

Output Characteristics		—
Contact Rating	25 A	
Contact Configuration	SPST-NO	
Output Voltage Range	24 to 280 VAC	
Switching Type	Zero Cross	

Switching Device	SCR (2)
Maximum Zero Turn-On Voltage [Vpk]	600 V
Maximum Rate of Rise Off State Voltage [dv/dt]	500 V/us
Incandescent Lamp Ampere Rating [rms]	16 A
Motor Load Rating [rms]	8 A
Min. Load Current to Maintain On	150 mA
Non-Repetitive Surge Current (1 cycle)	250 A
Max. RMS Overload Current (1 second)	40 A
Max. Off State Leakage Current [rms]	1 mA
Peak Blocking Voltage	600 Vpk
Max. On State Voltage Drop [rms]	1.6 VAC

Input Characteristics		—
Input Voltage Range	3 to 32 VDC	
Maximum Turn-On Voltage	3 VDC	
Minumum Turn-Off Voltage	1 VDC	
Must Release Voltage	1 VDC	
Typical Input Current	10 mA	
Reverse Polarity Protection	Yes	

Miscellaneous Characteristics		—
Thermal Resistance (Junction to Case)	1.02 ºC/W	
Minimum Insulation Resistance	1E+9 ohms	
Maximum Capacitance	10	
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 ºC	

Ambient Air Temperature around the Device - Operation	-40 to +80 çC
Input Terminal	M3.5
Output Terminal	M4
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	