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TECHNOLOGY GROUP

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Expert team | Trust guarantee | 100% satisfaction

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Find the *Schneider Electric / MagneCraft W6225DSX-1* at our website: *Click HERE*

6 SERIES SOLID STATE RELAYS

FEATURES	BENEFITS
SOLID STATE CIRCUITRY	NO MOVING PARTS
OPTICALLY COUPLED CIRCUIT	ISOLATE INPUT FROM OUTPUT
INTERNAL SNUBBER	PROTECTS RELAY FROM TRANSIENTS
RED L. E. D. STATUS LAMP	VERIFY PRESENCE OF INPUT VOLTAGE
CLEAR PLASTIC COVER	PROTECTION FROM ACCIDENTAL CONTACT

c UL us
UL Recognized
File No. E52197

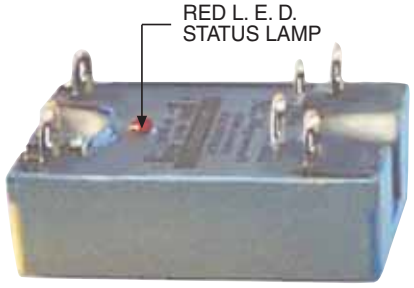
CE
COMPLIES WITH REQUIREMENTS OF

* IEC STANDARDS 947-4-1 AND 947-5-1 LOW VOLTAGE DIRECTIVE
* IEC = INTERNATIONAL ELECTROTECHNICAL COMMISSION
* CE TESTING AND EVALUATION PERFORMED BY THE UNDERWRITERS LABORATORIES AS A THIRD PARTY PARTICIPANT

MANUFACTURED UNDER ISO 9002

ALL CURRENT RATINGS ON THE FOLLOWING PAGES ARE BASED ON USE OF A SUITABLE THERMALLY CONDUCTIVE COMPOUND (E.G. SILICONE GREASE BETWEEN THE SSR MOUNTING BASE AND THE MOUNTING SURFACE OF A SUITABLE HEAT SINK).







SAFETY COVER STANDARD ON ALL MODELS EXCEPT DUAL OUTPUT

FAMILY	INPUT-CONTROL	OUTPUT-LOAD	CONTROL-METHOD
ASX	AC	AC	SCRs
DSX	DC	AC	SCRs
DTX	DC	AC	TRIAC
DDX	DC	DC	MOSFET

INPUT & OUTPUT SCREW SIZE

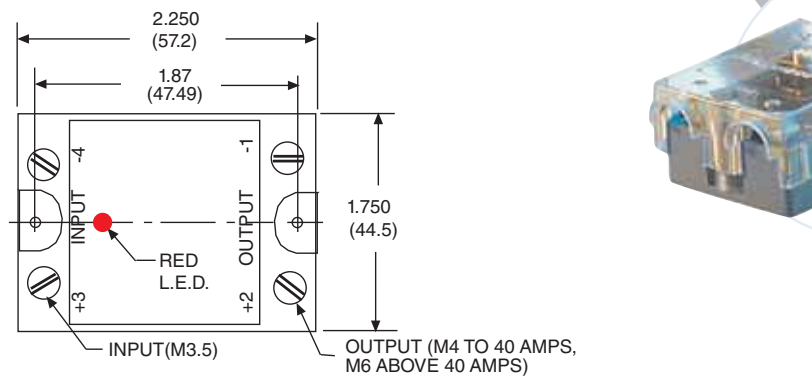


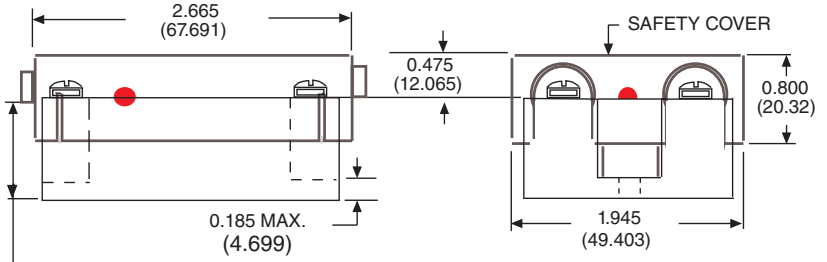
UP TO 40 AMP	
INPUT	OUTPUT
M 3.5	M 4
ABOVE 40 AMP	
M 3.5	M 6

Magnecraft
Strathers-Dunn
Your Contact for Industrial Relays

OUTLINE DIMENSIONS

DIMENSIONS SHOWN IN INCHES & (MILLIMETERS).





0.996 Max. (25.3) for 40 Amp DDX Models & for 75 to 125 Amps DSX & ASX Models.

0.800 Max (20.32) for Models ASX, DSX & DTX Models up to 50 Amp & DDX 12 Amp Models.

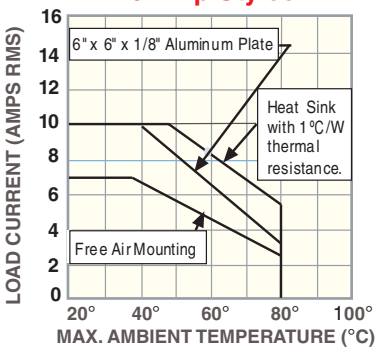




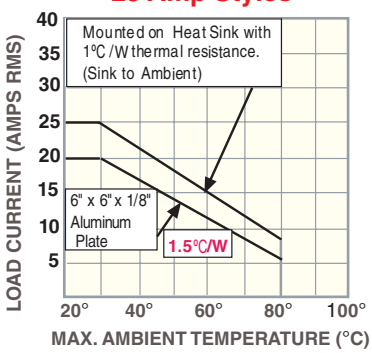


THERMAL DERATING CURVE & LOAD CHARACTERISTICS

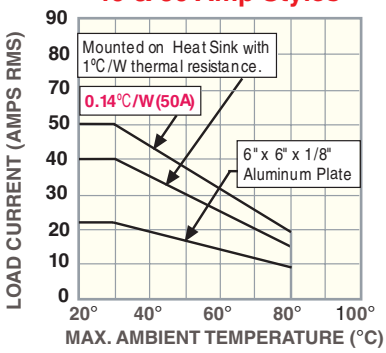
10 Amp Styles



25 Amp Styles

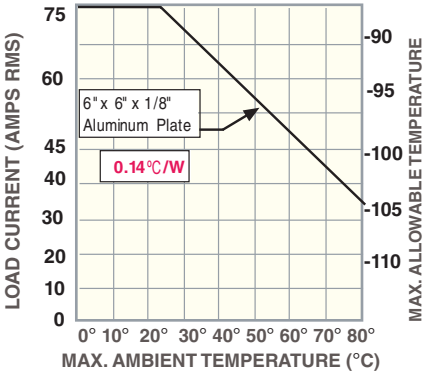


40 & 50 Amp Styles

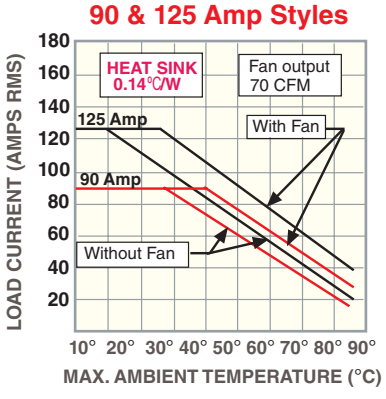




75 Amp Styles



90 & 125 Amp Styles



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CE

ASX - AC/AC, DSX - DC/AC SPST, 10 TO 125 AMPS

GENERAL SPECIFICATIONS (@ 25°C)

INPUT CHARACTERISTICS

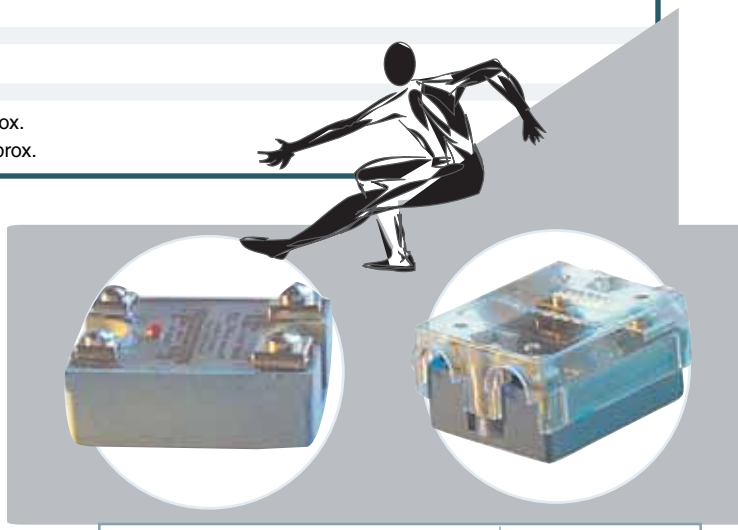
	ASX	DSX
Style:		
Control Voltage Range:	90 - 280 VAC (50/60 Hz)	3 - 32 VDC
Typical Input Current:	20 mA @ 240 VAC	16 mA @ 30 VDC
Must Release Voltage:	10 VAC	1 VDC
Maximum. Reverse Control Voltage:	N / A	YES

OUTPUT CHARACTERISTICS

Style:	W62					W64					W66	
Load Voltage Range (50/60 Hz):	40 - 280 VAC					48 - 480 VAC					48 - 660 VAC	
Rated Load Current:	10 Amp	25 Amp	40 Amp	50 Amp	75 Amp	10 Amp	25 Amp	40 Amp	50 Amp	75 Amp	90 Amp	125 Amp
Maximum Off-State Voltage dv/dt:	200 uS	500 uS	500 uS	500 uS	500 uS	200 uS	300 uS	500 uS	500 uS	500 uS	1000 uS	1000 uS
Minimum Load Current:	50 mA	120 mA	250 mA	250 mA	250 mA	50 mA	250 mA	250 mA	250 mA	250 mA	500 mA	500 mA
Non-Repetitive Surge Current (1 Cycle):	83 A	250 A	625 A	520 A	1150 A	83 A	250 A	625 A	520 A	1150 A	1350 A	1800 A
Maximum off State Leakage Current (Rms):	10 mA	10 mA	10 mA	10 mA	10 mA	10 mA	10 mA	10 mA	10 mA	10 mA	5 mA	5 mA
Typical On-State Voltage Drop (Rms):	1.6 VAC	1.6 VAC	1.6 VAC	1.8 VAC	1.8 VAC	1.6 VAC	1.6 VAC	1.6 VAC	1.8VAC	1.8 VAC	1.8 VAC	1.8 VAC
Maximum I^2T for Fusing (A^2 Sec):	83	250	625	1250	5000	72	312	1250	1035	2600	3500	5800
Suggested Heatsink °C/W:	3.2	0.5	0.2	0.014	0.14	3.2	0.5	0.2	0.14	0.14	0.14+fan	0.14+fan
Maximum Turn - On Time:	8.3 mS											
Maximum Turn - Off Time:	8.3 mS											

MISCELLANEOUS CHARACTERISTICS

Dielectric Strength (Input/Output/Base):	4000 V rms
Insulation Resistance:	100 megohms minimum @ 500 VDC
Operating Temperature Range:	-40 °C to +80 °C
Storage Temperature Range:	-40 °C to +100 °C
Weight:	10 amps to 50 amps: 100 grams approx. 75 amps to 125 amps: 250 grams approx.



ORDERING CODE

6	2	10	ASX-	1

CLASS:

LOAD VOLTAGE RANGE:
40 - 280 VAC: CODE 2
48 - 480 VAC: CODE 4
48 - 600 VAC: CODE 6

RATED LOAD CURRENT:
10 AMPS, 25 AMPS, 40 AMPS, 50 AMPS,
75 AMPS, 90 AMPS, 125 AMPS

INPUT/OUTPUT STYLE:
ASX: AC- INPUT / AC OUTPUT
DSX: DC- INPUT / AC OUTPUT

OPTIONS:
-1 = ZERO CROSS, NORMALLY OPEN
-2 = RANDOM TURN ON, NORMALLY OPEN
-4 = RANDOM TURN ON, NORMALLY CLOSED

STANDARD PART NUMBERS		RATED LOAD CURRENT
ASX	DSX	
W6210ASX-1	W6210DSX-1	10 AMPS
W6225ASX-1	W6225DSX-1	25 AMPS
W6240ASX-1	W6240DSX-1	40 AMPS
W6250ASX-1	W6250DSX-1	50 AMPS
W6275ASX-1	W6275DSX-1	75 AMPS
W6410ASX-1	W6410DSX-1	10 AMPS
W6425ASX-1	W6425DSX-1	25 AMPS
W6440ASX-1	W6440DSX-1	40 AMPS
W6450ASX-1	W6450DSX-1	50 AMPS
W6475ASX-1	W6475DSX-1	75 AMPS
W6690ASX-1	W6690DSX-1	90 AMPS
W66125ASX-1	W66125DSX-1	125 AMPS

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