Product data sheet Characteristics

66125AXXSZS-DC3

Relay, SE Relays, solid state, SPST NO, 125A, 48...600 VAC, 3...32 VDC Uc, SCR, screw terminal



Main

Legacy
Solid state relay
125 A AC
Panel
1 phase
48660 V AC
332 V DC

Complementary

Complementary	
Holding Current	500 mA
Input Current Limits	16 mA at 5 V DC
Switch Function	SPST
Contacts Type and Composition	NO
Tightening Torque	10 lb.in for input 20 lb.in for output
Connections Terminals	Input screw clamp terminal, 1 Output screw clamp terminals, 1
Screw Type	M3.5 M6
Local Signalling	For input status 1 LED (green)
Switching Device	SCR output Zero voltage switching
Maximum Peak Voltage	1200 V
Surge Current	1750 A 16.6 ms
Must Release Voltage	1 V
Voltage Drop	<1.7 V on-state AC
Power Factor	With maximum load
Insulating Resistance	1 GΩ
Thermal Resistance	0.22 °C/W
Maximum I²t for fusing	12709 A².s
Leakage Current	5 mA at off-state
DV/dt	500 V/µs off-state
Dielectric Strength	4000 V between input and ground 4000 V between output and ground 4000 V between input and output
Height	1.39 in (35.3 mm)
Width	1.85 in (47.1 mm)
Depth	2.30 in (58.4 mm)
Product Weight	3.70 oz (105 g)

Environment

Ziivii oi iii ioit	
Product Certifications	UL CSA CE
IP Degree of Protection	IP20
Ambient Air Temperature for Operation	-40176 °F (-4080 °C)
Ambient Air Temperature for Storage	-40212 °F (-40100 °C)

Ordering and shipping details

GTIN	3606480791888
Nbr. of units in pkg.	1
Package weight(Lbs)	3.05 oz (86.5 g)

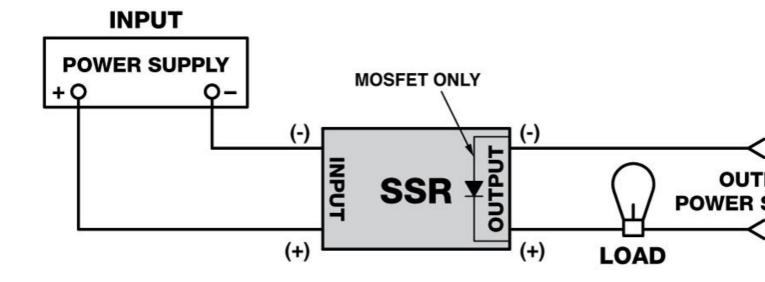
Packing Units

Unit Type of Package 1	PCE	
Package 1 Height	2.28 in (5.791 cm)	
Package 1 width	1.74 in (4.414 cm)	
Package 1 Length	1.41 in (3.59 cm)	

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and
California proposition 65	, , ,
	lead compounds, which is 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
	gerealger
REACh Regulation	REACh Declaration
	REACTI DECIATATION
EU RoHS Directive	Duranti a constituca (Duranti at a CEU Dallo La calcular de CEU Dallo
	Pro-active compliance (Product out of EU RoHS legal scope) GEU RoHS
	Declaration
Mercury free	Yes
DollC exemption information	
RoHS exemption information	[™] Yes
China RoHS Regulation	Maria Bura Bura
oa . torre : togalation	China RoHS Declaration
WEEE	The product must be disposed on European Union markets following specific
	waste collection and never end up in rubbish bins.
	waste confection and never end up in rubbish bills.

Connections and Wiring Diagrams



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Schneider Electric: 66125AXXSZS-DC3