

# Catalogue No: **RZ3A60A55**

## SSR 55A 3PH 42-660VAC SWITCHING 24-275VAC/24-50VDC CONTROL

Timers and Control Relays > General Purpose Relays > Solid State Relays > Carlo Gavazzi Solid State Relays > Hockey Puck Solid State Relays > RZ3A Series - Three-Phase - Industrial Load



Solid state relay, 3 phase, industrial, 55A



Representative Photo Only  
(actual product may vary based on configuration selections)

- Includes direct copper bonding technology for increased life and reliability.
- Long life and noise-free switching makes them ideal replacements for mechanical contactors.
- Complete range of SSR's including with or without a built-in heatsink to suit your custom application requirements.

### SPECIFICATIONS

Product Series	RZ
Number of Poles	3
Contact Configuration	3 NO
Input Frequency, Min	45 Hz
Input Frequency, Max	65 Hz
In, Rated Current	55 A
Ie, Rated Operational Current, min	250 mA,min
Icw, Short Time Withstand Current, 10ms (rms)	600 A, 10ms
IΔn, Leakage Current, Max	3 mA
Ie, Rated Operational Current, AC-51, 600V	55 A@600V
Ie, Rated Operational Current, AC-53a, 600V	15 A@600V
Un, Nominal Operational Voltage, AC	600 V AC
Ue, Rated Operational Voltage, AC, min	42 V AC
Ue, Rated Operational Voltage, AC, max	660 V AC
Blocking Voltage, Peak	1600 Vp
Voltage Drop, On State, Max	1.6 V
Control Voltage, AC, Min	24 V AC min
Control Voltage, AC, Max	275 V AC max
Control Voltage, DC, Min	24 V DC min
Control Voltage, DC, Max	50 V DC max
Input Current, Max (rms)	15 mA, max rms
Pickup Voltage	18 V
Dropout Voltage	9 V
Response Time (Off → On)	20 ms
Response Time (On → Off)	30 ms
Insulation Voltage, between Input & Output	4000 V AC
Indicator Type	LED
Details, Indicator	Indication of control input and over-temperature alarm status.

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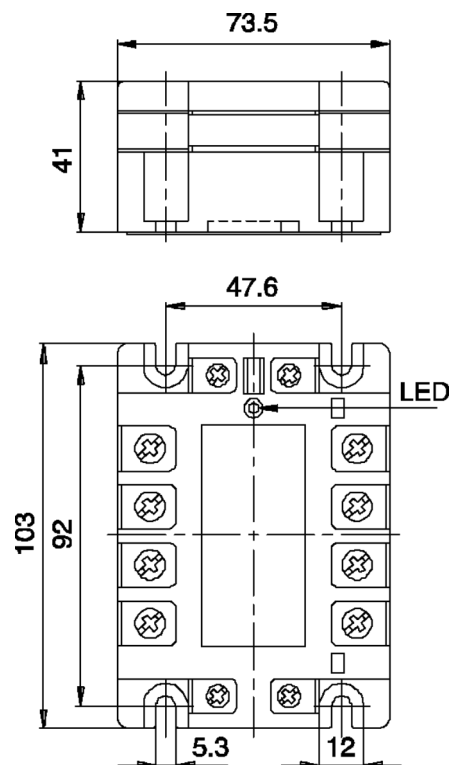
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Material, Body / Housing	Noryl material
Mounting	Base Mount
Terminal Type, Supply	Screw Terminal(s)
Terminal Type, Operational	Screw Terminal(s)
Operating Temperature, Min	-30 °C min
Operating Temperature, Max	80 °C max
Storage Temperature, Min	-40 °C min
Storage Temperature, Max	100 °C max
IP Rating	IP10
Height	103 mm
Width	73.5 mm
Depth	41 mm
Weight	0.38 kg
Certifications	UL CSA CE

### REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	<a href="#">RZ3A60A55_Manufacturer Datasheet</a>
Manufacturer Catalogue & Product Selection:	-



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Dimension Diagram

