



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

**SSR 20A 24-240V AC SWITCHING 3-32V DC CONTROL SCREW**

- 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	RGC
Number of Poles	1
Contact Configuration	1 NO
Input Frequency, Min	45 Hz
Input Frequency, Max	65 Hz
In, Rated Current	20 A
Ie, Rated Operational Current, min	150 mA,min
Icw, Short Time Withstand Current, 10ms (rms)	325 A, 10ms
IΔn, Leakage Current, Max	3 mA
Ie, Rated Operational Current, AC-51, 230V	20 A@230V
Ie, Rated Operational Current, AC-53a, 230V	5 A@230V
Un, Nominal Operational Voltage, AC	230 V AC
Ue, Rated Operational Voltage, AC, min	24 V AC
Ue, Rated Operational Voltage, AC, max	240 V AC
Blocking Voltage, Peak	800 Vp
Control Voltage, DC, Min	3 V DC min
Control Voltage, DC, Max	32 V DC max
Input Current, Max (rms)	30 mA, max rms
Dropout Voltage	1 V
Response Time (Off → On)	0.35 ms
Response Time (On → Off)	0.5 ms
Insulation Voltage, between Input & Output	4000 V AC
Indicator Type	LED
Mounting	DIN-35 Rail Mount
Terminal Type, Supply	Screw Terminal(s)
Terminal Type, Operational	Screw Terminal(s)
Operating Temperature, Min	-40 °C min
Operating Temperature, Max	80 °C max

# Catalogue No: **RGC1A23D15KKE**

## SSR 20A 24-240V AC SWITCHING 3-32V DC CONTROL SCREW

Timers and Control Relays > General Purpose Relays > Solid State Relays > Carlo Gavazzi Solid State Relays > Solitron Solid State Contactors with Built-in Heatsink > RGC1A Series - Single-Phase Contactor Style



Storage Temperature, Min	-40 °C min
Storage Temperature, Max	100 °C max
IP Rating	IP20
Humidity Type	Non-condensing
Relative Humidity, Max	95 %RH
Height	110 mm
Width	17.8 mm
Depth	103 mm
Weight	0.26 kg
Shock Acceleration (Max.)	15 g
Shock Duration (Max.)	11 ms
Vibration Acceleration (Max.)	2 m/s <sup>2</sup>
Standards Compliance	UL 508 UL 508C CSA C22.2 No. 14 EN 60947-4-2 EN 60947-4-3 AS/NZS 60947-2; IEC 60947-2 IEC 60947-4-3 UL 94 V-0 EN 61000-6-2 EN 61000-4-2 EN 61000-4-4 EN 61000-4-5 EN 61000-6-4 EN 55011 EN 61000-4-3 EN 61000-4-6 EN 61000-4-11 IEC 61000-6-2 IEC 61000-6-4 IEC 61000-4-2 IEC 61000-4-3 IEC 61000-4-4 IEC 61000-4-5 IEC 61000-4-6 IEC 61000-4-11
Certifications	C-UL UL RoHS VDE CE

REFERENCES	
IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	<a href="#">RGC1A23D15KKE_Installation Instructions</a>
User Manual:	-
Manufacturer Datasheet:	<a href="#">RGC1A23D15KKE_Manufacturer Datasheet</a>
Manufacturer Catalogue & Product Selection:	-