

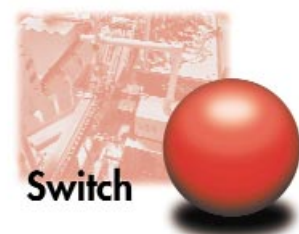
SOLITRONS

RJ2A

RJ3A



2- and 3-Poles
Switching types



TYPE SELECTION

Rated operational voltage	Control voltage	2-Pole switching / 1-Pole direct		3-Pole switching		
		3x25A (MIDI)	3x32A (POWER)	3x20A (MIDI)	3x25A (POWER)	3x32A (MIDI)*
220 VACrms	5 - 32 VDC 24 - 275 VAC/ 24 - 190 VDC	RJ2A22D25	RJ2A22D32	RJ3A22D20	RJ3A22D25	RJ3A22D32EP
		RJ2A22A25E	RJ2A22A32E	RJ3A22A20E	RJ3A22A25E	RJ3A22A32EP
600 VACrms	5 - 32 VDC 24 - 275 VAC/ 24 - 190 VDC	RJ2A60D25	RJ2A60D32	RJ3A60D20	RJ3A60D25	RJ3A60D32EP
		RJ2A60A25E	RJ2A60A32E	RJ3A60A20E	RJ3A60A25E	RJ3A60A32EP

* With integrated fan and overtemperature protection

GENERAL INFO

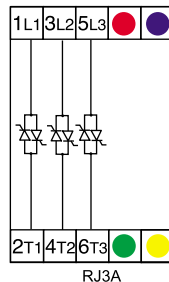
	RJ..22	RJ..60
Operational voltage range	24 - 280 VAC	40 - 660 VAC
Blocking voltage	650 V _p	1200 V _p
Rated insulation voltage	≥4000 VAC _{rms}	≥4000 VAC _{rms}
Switching	Zero-cross	Zero-cross
Frequency range	45 - 65 Hz	45 - 65 Hz
Power factor	0.5 @ 230 VAC _{rms}	0.5 @ 600 VAC _{rms}
Operating temperature	-30°to +70°C	-30°to +70°C
I ² t for fusing (t=10ms)	1800 A ² s	1800 A ² s
Critical di/dt	≥50 A/μs	≥50 A/μs
Critical dV/dt	≥500 V/μs	≥500 V/μs
Internal Varistor	Yes	Yes
LED indication	Yes	Yes
CE marking	Yes	Yes
Approvals	UL, CSA	UL, CSA

For further details please view relevant the datasheet on website
www.carlogavazzi.com/ac

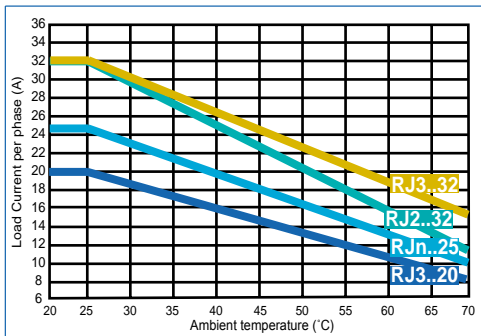
CONNECTIONS

Options	●	●	●	●
DC	A2: 0V	A1: 5-32VDC	-	A2: 0V
DC + OTP	A3: Alarm	A1: 5-32VDC	-	A2: 0V
DC + Fan +	A3: Alarm	A1: 5-32VDC	A4: Fan (+)	A2: 0V
OTP	-	A1: Note 1	-	A2: Note 2
AC	A3: Alarm	A1: Note 1	A4: Alarm	A2: Note 2
AC + OTP	A3: Fan (-)	A1: Note 1	A4: Fan (+)	A2: Note 2

Alarm: Over-temperature alarm output
Max. voltage: 50 VDC
Max. current: 50mA
Fan: Fan supply input
+ 24VDC, 200mA
Note 1: 24...275VAC or +24...190VDC
Note 2: 24...275VAC or 0VDC
OTP: Over-temperature protection
RJ2A: Terminals L2/T2 are internally connected. No thyristors are present

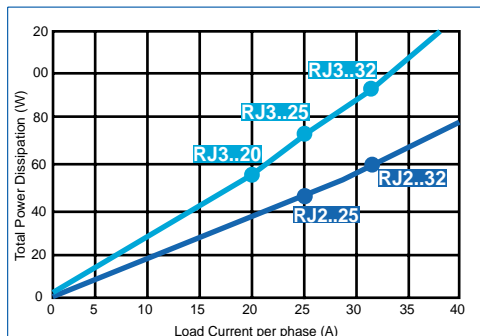


DERATING CURVE

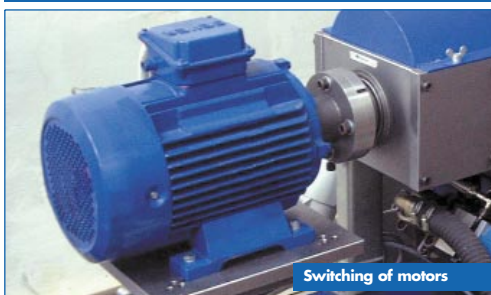


UL and CSA rating are limited to 30A, due to terminal size

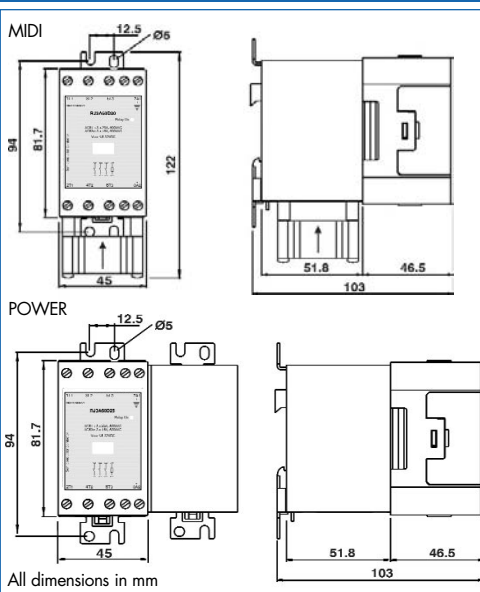
DISSIPATION CURVE



APPLICATIONS



DIMENSIONS



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