

RELAIS INSTANTANÉS ET DE FONCTION

instantaneous



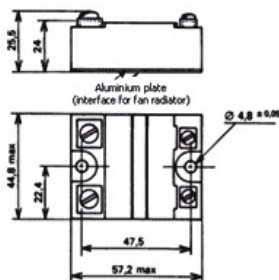
SSR50C1

► Description

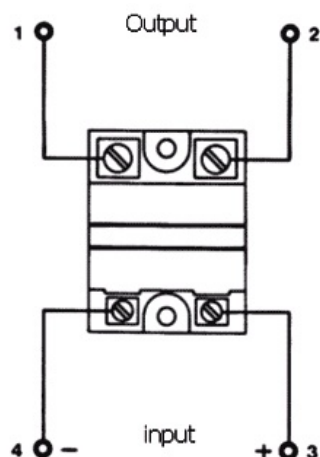
Static relay for DC or AC power supply voltages capable to switch on alternative currents up to 40 A-AC at voltages of less than 420 V. The insulation of input/output is realised by photocoupler.

► Dimensions

Screw connection
(if use of tabs for 6.35 clips, please contact us)



► Connection



► Operation principle

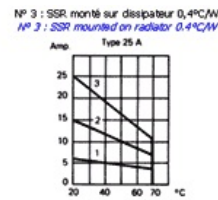
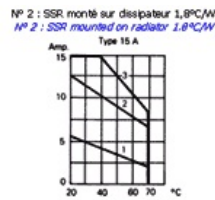
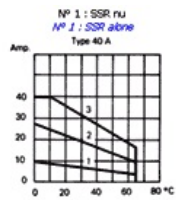
The range of triacs from 1 to 40 A, the photocoupler and the internal protections permit various uses in industrial processes with specific requirements.

► Technical features

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circuit on operate	(90 to 420 V AC)	(90 to 420 V AC)	(90 to 420 V AC)	(90 to 420 V AC)	(90 to 420 V AC)	(90 to 420 V AC)
max eff intensity Is	15 A	25 A	40 A	40 A	40 A	40 A
overload 1 period non repetitive	10 Is	10 Is	10 Is	10 Is	10 Is	10 Is
overload 2 seconds non repetitive	2 Is	2 Is	2 Is	2 Is	2 Is	2 Is
Protection by fuse	100 A ² s	450 A ² s	800 A ² s	800 A ² s	800 A ² s	800 A ² s
min current	50 mA	50 mA	50 mA	50 mA	50 mA	50 mA
voltage fall	1,5 V AC	1,5 V AC	1,5 V AC	1,5 V AC	1,5 V AC	1,5 V AC
internal protection	yes : R= 47 W - C = 22 nF	yes : R= 47 W - C = 22 nF	yes : R= 47 W - C = 22 nF	yes : R= 47 W - C = 22 nF	yes : R= 47 W - C = 22 nF	yes : R= 47 W - C = 22 nF

► Calibre



► Versions

Specific versions can be realised upon request :

- * Input/output insulation up to 4000 V Eff
- * reinforced dv/dt resistance (SSR2002 equipped with 2 thyristors)
- * non synchronous type (coding R)
- * different operation voltage
- * output voltage > Us 380 VAC for permanent application or overvoltage presence
- * DC output voltage
- * one closed circuit at rest position

Non-contractual document - characteristics to be confirmed before order
TEC AUTOMATISMES reserves the right to modify description and specifications without notice