REPORT

34 Series

finder®
SWITCH TO THE FUTURE

NEW



Approvals (according to type)

Ultra-Slim Solid State PCB relays (SSR)

Type 34.81.7.xxx.xxxx

1 Pole from 0.1 to 6 A
Ultra slim, 5 mm wide.
PCB or 93 series sockets mounting.
Silent, high speed switching with long electrical life.

Features

- Single circuit output switching options: - 6 A, 24 V DC
  - 0.1 A, 48 V DC
  - 0.2 A, 110/220 V DC
  - 2 A, 240 V AC
- Printed circuit mount - direct or via PCB socket
- 35 mm rail mount - via screw, screwless or push-in terminal sockets
- Sensitive DC Input circuits (Dual AC/DC input drive possible using 93 series sockets)
- Wash tight: RT III



Type 34.81.7.xxx.9024
- Rated output voltage: 24 V DC
- Switching output voltage range: 1.5…33 V
- Rated current (single mounting): 6 A
- Rated current (group socket mounting): 4 A (50 °C)
  3 A (70 °C)
- Max. peak current (10ms): 50 A



Type 34.81.7.xxx.7048
- Rated output voltage: 48 V DC
- Switching output voltage range: 1.5…53 V
- Rated current (single mounting): 100 mA
- Rated current (group socket mounting): 100 mA
- Max. peak current (10ms): 0.5 A



Type 34.81.7.xxx.7220
- Rated output voltage: 110/220 V DC
- Switching output voltage range: 90…256 V
- Rated current (single mounting): 200 mA
- Rated current (group socket mounting): 200 mA
- Max. peak current (10ms): 10 A



Type 34.81.7.xxx.8240
- Rated output voltage: 240 V AC
- Switching output voltage range: 12…275 V
- Repetitive peak off-state voltage: 800 V
- Rated current (single mounting): 2 A (50°C)
  1.5 A (70°C)
- Rated current (group socket mounting): 750 mA (50°C)
  450 mA (70°C)
- Max. peak current (10ms): 80 A

Type		34.81.7.005.9024 34.81.7.005.8240*	34.81.7.012.9024 34.81.7.012.8240*	34.81.7.024.9024 34.81.7.024.7048 34.81.7.024.7220 34.81.7.024.8240*	34.81.7.060.9024 34.81.7.060.7048 34.81.7.060.7220 34.81.7.060.8240*
Nominal input voltage	V	5	12	24	60
Operating input range	V	3.5…12	8…17	16…30	35…72
Nominal absorption	mA	7/ 12*	7	7	3.5
Power absorption	mW	35/60*	85	170	210
Ambient temperature range	°C	–20...+70/–20...+50*	–20...+70/–20...+50*	–20...+70/–20...+50*	–20...+70/–20...+50*
Environmental protection		RTIII	RTIII	RTIII	RTIII

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