

Assembly - KTR 1000 / 2000 Series

flush-type measuring unit (96x48 mm) :



DW 1310

- digital measuring unit
- 3 ½ digit display



DW 1312

- digital measuring unit
- 3 ½ digit display
- 2 adjustable setpoints



DS 1000

- digital measuring unit, programmable
- 3 ½ digit display
- 2 adjustable setpoints
- RS 232 interface
- 27 programmable measuring routines

flush-type power supply :



NG 1000

- Primary : 230V 50/60 Hz
- Secondary : + 24V DC / 500mA (stab.)
- Power : 16 VA
- Mounting : snap in

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Technical Data:

Flush-type measuring units (96x48 mm) :

	DW 1310	DW1312	DS1000
Display	7-segment-display, 13mm red	7-segment-display, 13mm red	7-segment-display, 13mm red
Display range	± 1999 digits	± 1999 digits	± 1999 digits
Measuring rate	approx. 2,5 measurements/sec.	approx. 2,5 measurements/sec.	approx. 2,5 measurements/sec.
Accuracy	< ± 1 digit ± 0,15% of indication	< ± 1 digit ± 0,15% of indication	< ± 0,1 % ± 1 digit of meas.value
Influence of temperature	< ± 0,08 digit/K (referring to 25°C)	< ± 0,08 digit/K (referring to 25°C)	
Limit values		changer 250 VAC / approx. 8A	changer 250 VAC approx. 5A
Interface			RS 232 - RXD, TXD with test software
Programming			27 measure routines, with CPU
Working temperature	0 °C+50 °C	0 °C+50 °C	-10 °C+50 °C
Supply voltage	230 VAC, +10/-15%, 48..62 Hz, 7 VA	230 VAC, +10/-15%, 48..62 Hz, 7 VA	230 VAC, +10/-15%, 48..62 Hz, 3 VA
Connection	screw terminal for approx. 1,5 qmm	screw terminal for approx. 1,5 qmm	lift terminal
Dimensions	approx. 96 x 48 x 135 mm (WxHxD)	approx. 96 x 48 x 135 mm (WxHxD)	approx. 96 x 48 x 125 mm (WxHxD)
Installation depth	approx. 126 mm	approx. 126 mm	approx. 115 mm
Switchboard cut-out	91,5 x 43 mm	91,5 x 43 mm	90,5 x 44,5 mm
Weight	approx. 450 g	approx. 490 g	approx. 490 g

Flush-type power supply :

Primary	230 VAC 50/60 Hz
Secondary	24 VDC 500 mA (stab.)
Power	16 VA
Residual ripple at IL=500mA	< 20 mV
Dimensions	approx. 124 x 71 x 60 mm (LxWxH)
Weight	approx. 770 g
Mounting	snap in