



48 x 48 mm panel mounting digital timing, counting, control and monitoring devices are available in a compact housing design. It has many innovative features such as various relay output options as well as "re-tx" (re-transmit) function offering an additional 4-20 mA output with specific monitoring devices.

- Standard supply voltages AC: 12V, 24V, 48V, 110V, 240V, 400V, 500V, 525V  
DC: 12V, 24V, 48V (isolated supply available on request + **R160.00**)  
DC: 5V, 18-36V, 36-72V (isolated supply available on request + **R300.00**)

type	description	with 4-20mA	range	re-tx	relays
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### Digital timing devices and pre-select counter

Features the ability to continue from where left off in the event of a power loss during timing.

<b>P44MFT1</b>	multi-function timer	–	1sec - 9999 hrs	–	1
<b>P44ACT1</b>	accumulation timer	–	1sec - 100 hrs	–	2
<b>P44RHM1</b>	running hour meter	–	1sec - 9999 hrs	–	1
<b>P44CNT0</b>	counter / frequency indicator	–	4 or 8 digit mode	–	0
<b>P44CWT1</b>	digital clockwork timer	–	0-100min or hrs	–	1

### Voltage indicator / monitor

Displays and/or monitors true RMS single or three phase supply voltages.

<b>P44VM11</b>	single phase voltage indicator	–	0 - 300V*	–	1
<b>P44VM11-T</b>	single phase voltage indicator	yes	0 - 300V*	yes	1
<b>P44VM31(N)</b>	3 ph voltage & frequency monitor	–	0 - 500V	–	1
<b>P44VM32(N)</b>	3 ph voltage & frequency monitor	–	0 - 500V	–	2
<i>(N) software selectable neutral monitoring as well</i>					
<b>P44VMD1</b>	DC voltage monitor	–	0 - 150V*	–	1
<b>P44VMD1-T</b>	DC voltage monitor	yes	0 - 150V*	yes	1

### Frequency indicator / monitor

<b>P44SFM0</b>	single phase frequency indicator	–	0 - 9999Hz	–	0
<b>P44SFM1</b>	single phase frequency monitor	–	0 - 9999Hz	–	1

### Current monitors

Displays and/or monitors true RMS AC current signal from current transformers.

<b>P44CMA1-1</b>	AC current monitor	–	0 - 1 A	–	1
<b>P44CMA1-1-T</b>	AC current monitor	yes	0 - 1 A	yes	1
<b>P44CMA1-5</b>	AC current monitor	–	0 - 5 A	–	1
<b>P44CMA1-5-T</b>	AC current monitor	yes	0 - 5 A	yes	1
<b>P44CMA2-5</b>	AC current monitor	–	0 - 5 A	–	2
<b>P44CMD1</b>	DC current monitor	–	0-50mV*	–	1
<b>P44CMD1-T</b>	DC current monitor	yes	0-50mV*	yes	1

\* Other voltages available on request 0-10V re-transmit available on request

### Temperature controllers

Displays and/or monitors temperature using various temperature sensors.

		sensor			
<b>P44TC1*</b>	temperature controller	TS3 probe	-30°C to 105°C	–	1
<b>P44TCT1</b>	temp controller and 24hr timer	TS3 probe	-30°C to 105°C	–	2
<b>TS3</b>	temperature probe for above controllers	<i>(3 meter cable) longer cable per meter</i>			
<i>* Can be used with one or two TS3 temperature probes (for high and low temp monitoring)</i>					
<b>P44HTC1</b>	temperature controller	PT100	-50°C to 440°C	–	1
<b>P44HTC1-T</b>	temperature controller	PT100	-50°C to 440°C	yes	1
<b>P44HTCT1</b>	temp controller & 24hr timer	PT100	-50°C to 440°C	–	2
<b>P44TTC1</b>	temperature controller	thermocouple	-50°C to 1320°C	–	1
<b>P44TTC1-T</b>	temperature controller	thermocouple	-50°C to 1320°C	yes	1
<b>P44TTCT1</b>	temp controller & 24hr timer	thermocouple	-50°C to 1320°C	–	2

For type J,K,R,S,T,N thermocouples