



P44MFT1



P44VM12



P44-HUM1



P44HTC1



### 48 x 48 panel mount - timing, counting, control and monitoring devices

Modular DIN rail mounting digital timing, counting, control and monitoring devices available in a compact housing design. Features 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.

type	supply voltage*	range	relays	with 4-20mA	description
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#### Digital timing devices and pre-select counter

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

P44MFT1-240A	240 VAC	1sec - 9999 hrs	1	–	multifunction timer
P44MFT1-024AD	24V AC/DC	1sec - 9999 hrs	1	–	multifunction timer
P44ACT1-240A	240 VAC	1sec - 100 hrs	2	–	accumulation Timer
P44RHM1-240A	240 VAC	1sec - 9999 hrs	1	–	running hour meter
P44CNT1-240A	240 VAC	4 or 8 digit mode	1	–	counter / frequency indicator
P44CWT1-240A	240 VAC	0 - 100min or hrs	1	–	digital clockwork timer

#### Voltage indicator / monitor

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

P44VM12-T-240A	240 VAC	0 - 300V	2	yes	single phase voltage indicator
P44VM32N-400A	400 VAC	0 - 500V	2	–	3 ph voltage & frequency monitor
P44VMD1-240A	240 VAC	0 - 150V	1	–	DC voltage indicator
P44VMD2-T-240A	240 VAC	0 - 150V	2	yes	DC voltage indicator

(N) software selectable neutral monitoring as well.

#### Current monitors

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

P44CMA1-5-240A	240 VAC	0 - 5A	1	–	AC current monitor
P44CMA2-5-T-240A	240 VAC	0 - 5A	2	yes	AC current monitor
P44CMA2-5-240A	240 VAC	0 - 5A	2	–	AC current monitor

0-10V re-transmit available on request.

#### Humidity controller

P44-HUM1-240A	240 VAC	0 - 100%	1	–	humidity controller
HS4					humidity controller probe (3 meter length)

#### Temperature controllers

- Displays and/or monitors temperature using various temperature sensors

- Sensor: PT100

P44HTC1-240A	240 VAC	-50°C to 440°C	1	–	temperature controller
P44HTC1-T-024D	24 VDC	-50°C to 440°C	1	yes	temperature controller
P44HTC1-T-240A	240 VAC	-50°C to 440°C	1	yes	temperature controller
P44HTCT1-240A	240 VAC	-50°C to 440°C	1	–	temp controller and 24hr timer
P44HTC2-240A	240 VAC	-50°C to 440°C	2	–	temperature controller
P44HTC2-T-240A	240 VAC	-50°C to 440°C	2	yes	temperature controller
P44HTC2-T-024D	24 VDC	-50°C to 440°C	2	yes	temperature controller
P44-RTC1-240A	240 VAC	-50°C to 440°C	1	–	ramp temperature controller

- Sensor: Thermocouple

P44TTC1-240A	240 VAC	-50°C to 1320°C	1	–	temperature controller
P44TTC1-T-240A	240 VAC	-50°C to 1320°C	1	yes	temperature controller

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

\* Other voltage options available on request.



P44LM1



P44RPM1



P49MFT1



P49VM

#### 48 x 48 panel mount - signal indicators/monitors (4 - 20mA) loop

Displays and/or monitors transducer generated signals with outputs 4 - 20mA as real world values from -999 to 9999 for indicating voltage, current, temperature, pressure etc. and displaying in real values.

type	supply voltage*	range	relays	with 4-20mA	description
<b>Loop indicator</b>					
P44LM1-240A	240 VAC	0/4 - 20mA	1	-	loop indicator
P44LM1-P-240A	240 VAC	0/4 - 20mA	1	24 VDC PS	loop indicator
P44LM1-T-240A	240 VAC	0/4 - 20mA	1	yes	loop indicator
P44LM2-240A	240 VAC	0/4 - 20mA	2	-	loop indicator
P44LM2-P-240A	240 VAC	0/4 - 20mA	2	24 VDC PS	loop indicator
P44LM2-P-024D	24 VDC	0/4 - 20mA	2	24 VDC PS	loop indicator
P44LM2-T-240A	240 VAC	0/4 - 20mA	2	yes	loop indicator

*Note: 0-10V re-transmit output available on request.*

#### Signal indicator / monitors – 0-10V input

Displays and/or monitors transducer generated signals with outputs 0 - 10V as real world values from -999 to 9999 for indicating voltage, current, temperature, pressure etc. and displaying in real values.

P44SM1-10-240A	240 VAC	1 - 10V*	1	-	signal monitor
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\* Available with a 0-5V or 10K potentiometer input on request

#### RPM / pulses per hour

Displays and/or monitors speed (RPM) relay remains energised while monitored speed is within pre-set parameters NO-NPN proxi, (PNP available on request).

P44RPM1-240A	240 VAC	0 - 9999	1	-	RPM monitor
P44RPM2-240A	240 VAC	0 - 9999	2	-	RPM monitor

#### 48 x 96 – Digital timing devices and pre-select counter

48 x 96 mm panel mounting digital timing, counting, control and monitoring devices are available in a compact housing design. Offer 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.

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

P49MFT1-240A	240 VAC	1sec - 9999 hrs	1	-	multi-function timer
P49MFT1-024AD	24V AC/DC	1sec - 9999 hrs	1	-	multi-function timer
P49ACT1-240A	240 VAC	1sec - 100 hrs	1	-	accumulation timer
P49CNT1-240A	240 VAC	4 digit mode	1	-	counter / frequency monitor
P49CNT1-024AD	24V AC/DC	4 digit mode	1	-	counter / frequency monitor
P49CWT1-240A	240 VAC	0 - 100min or hrs	1	-	digital clockwork timer

#### Voltage indicator / monitor

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

P49VM10-240A	240 VAC	0 - 300V*	1	-	single phase voltage monitor
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*0 - 10V re-transmit available on request*

P49VM31N-400A	400 VAC	0 - 500V	1	-	3 ph voltage & frequency indicator
P49VM32N-400A	400 VAC	0 - 500V	2	-	3 ph voltage & frequency indicator

(N) software selectable neutral monitoring as well.

P49VMD2-240A	240 VAC	0 - 150V*	2	-	DC voltage indicator
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*0 - 10V re-transmit available on request*

\* Other voltage options available on request.