

 $48 \times 96 \text{ mm}$ panel mounting digital timing, counting, control and monitoring devices 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.

AC: 12V, 24V, 48V, 110V, 240V, 400V, 500V, 525V • Standard supply voltages

DC: 12V, 24V, 48V (isolated supply available on request + R160.00)

	DC: 5V, 18	-36V, 36-72V (isolated supply	available on red	quest + R300.	00)
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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		DC: 5V,	18-36V, 36-72V (isolated	I supply available	on requ	uest + R3	00.00)	
### Page ###	type	description		range	re-tx	relays	price	
PA9MET1	Digital timing d	levices and pre-select	counter					
P49ACT1 accumulation Timer	Feature ability to continue from where left off in the event of a power loss during timing							
Displays and/or monitors true RMS single or three phase supply voltages. P49VM10 single phase voltage monitor with 4-20mA re-transmit 0 - 300V* (1ph) - 1 R73.00 R94VM11-T single phase voltage monitor - 0 - 300V* (1ph) - 2 294.00 R94VM12-T single phase voltage monitor - 0 - 300V* (1ph) - 2 294.00 R94VM12-T single phase voltage monitor - 0 - 300V* (1ph) - 2 294.00 R94VM12-T single phase voltage monitor - 0 - 300V* (1ph) - 2 294.00 R94VM12-T single phase voltage monitor - 0 - 500V (3ph) - 2 294.00 R94VM12-T single phase voltage monitor - 0 - 500V (3ph) - 2 1190.00 R94VM12-T single phase voltage monitor - 0 - 500V (3ph) - 0 962.00 R94VM13(N) 3 ph voltage & frequency monitor - 0 - 500V (3ph) - 0 962.00 R94VM13(N) 3 ph voltage & frequency monitor - 0 - 500V (3ph) - 2 1063.00 R94VM13(N) 3 ph voltage & frequency monitor - 0 - 500V (3ph) - 2 1063.00 R94VM13(N) 3 ph voltage & frequency monitor - 0 - 500V (3ph) - 2 1063.00 R94VM10-T DC voltage indicator - 0 - 500V (3ph) - 2 1063.00 R94VM10-T DC voltage indicator - 0 - 150V* - 2 1063.00 R94VM10-T DC voltage monitor - 0 - 150V* - 0 3899.00 R94VM10-T DC voltage monitor with 4-20mA re-transmit 0 - 150V* - 2 1949VM10-T DC voltage monitor - 0 - 150V* - 2 1000.00 R94VM10-T DC voltage monitor with 4-20mA re-transmit 0 - 150V* - 2 1265.00 R94VM10-T DC voltage monitor - 0 - 10 - 150V* - 2 1265.00 R94VM10-T DC voltage monitor with 4-20mA re-transmit 0 - 150V* - 2 1265.00 R94VM10-T DC voltage monitor - 0 - 10 - 150V* - 2 1265.00 R94VM10-T DC voltage monitor - 0 - 10 - 150V* - 2 1265.00 R94VM10-T DC voltage monitor - 0 - 10 - 150V* - 0 1265.00 R94VM10-T DC voltage monitor -	P49MFT1 P49ACT1 P49RHM1 P49CNT0 P49CNT1 P49CWT1	accumulation Timer running hour meter counter / frequency indi counter / frequency mor	cator –	1sec - 100 hrs 1sec - 9999 hrs 4 digit mode 4 digit mode	- - -	2 1 0 1	911.00 962.00 911.00 848.00 899.00 911.00	
Displays and/or monitors true RMS single or three phase supply voltages. P49VM10 single phase voltage monitor with 4-20mA re-transmit 0 - 300V* (1ph) - 1 R73.00 R94VM11-T single phase voltage monitor - 0 - 300V* (1ph) - 2 294.00 R94VM12-T single phase voltage monitor - 0 - 300V* (1ph) - 2 294.00 R94VM12-T single phase voltage monitor - 0 - 300V* (1ph) - 2 294.00 R94VM12-T single phase voltage monitor - 0 - 300V* (1ph) - 2 294.00 R94VM12-T single phase voltage monitor - 0 - 500V (3ph) - 2 294.00 R94VM12-T single phase voltage monitor - 0 - 500V (3ph) - 2 1190.00 R94VM12-T single phase voltage monitor - 0 - 500V (3ph) - 0 962.00 R94VM13(N) 3 ph voltage & frequency monitor - 0 - 500V (3ph) - 0 962.00 R94VM13(N) 3 ph voltage & frequency monitor - 0 - 500V (3ph) - 2 1063.00 R94VM13(N) 3 ph voltage & frequency monitor - 0 - 500V (3ph) - 2 1063.00 R94VM13(N) 3 ph voltage & frequency monitor - 0 - 500V (3ph) - 2 1063.00 R94VM10-T DC voltage indicator - 0 - 500V (3ph) - 2 1063.00 R94VM10-T DC voltage indicator - 0 - 150V* - 2 1063.00 R94VM10-T DC voltage monitor - 0 - 150V* - 0 3899.00 R94VM10-T DC voltage monitor with 4-20mA re-transmit 0 - 150V* - 2 1949VM10-T DC voltage monitor - 0 - 150V* - 2 1000.00 R94VM10-T DC voltage monitor with 4-20mA re-transmit 0 - 150V* - 2 1265.00 R94VM10-T DC voltage monitor - 0 - 10 - 150V* - 2 1265.00 R94VM10-T DC voltage monitor with 4-20mA re-transmit 0 - 150V* - 2 1265.00 R94VM10-T DC voltage monitor - 0 - 10 - 150V* - 2 1265.00 R94VM10-T DC voltage monitor - 0 - 10 - 150V* - 2 1265.00 R94VM10-T DC voltage monitor - 0 - 10 - 150V* - 0 1265.00 R94VM10-T DC voltage monitor -	AC voltage ind	icator / monitor						
### P49VM10 single phase voltage monitor with 4-20mA re-transmit 0 - 300V* (1ph) yes 1 1139.00 - 300V* (1ph) yes 2 1199.00 - 3			or three phase supply yo	Itages				
P49VM11-T single phase voltage monitor with 4-20mA re-transmit 0 - 300V* (1ph) yes 1 1139.00 1139.00 P49VM12-T single phase voltage monitor single phase voltage monitor with 4-20mA re-transmit 0 - 300V* (1ph) yes 2 1190.00 2924.00 P49VM32-T single phase voltage monitor with 4-20mA re-transmit a vallable on request 0-10V re-transmit a vallable on request 1190.00 P49VM32(N) 3 ph voltage & frequency indicator - 0 - 500V (3ph) - 1 1012.00 1 1012.00 120 P49VM32(N) 3 ph voltage & frequency monitor - 0 - 500V (3ph) - 2 1063.00 1 1012.00 1 1012.00 P49VM32(N) 3 ph voltage & frequency monitor - 0 - 500V (3ph) - 2 1063.00 1 1063.00 1 1012.00 No software selectable neutral monitoring as well DC voltage indicator / monitor 0 - 150V* - 0 1603.00 899.00 P49VMD0 D C voltage indicator with 4-20mA re-transmit - 0 - 150V* yes 0 1164.00 1 164.00 949.00 P49VMD1 D C voltage monitor with 4-20mA re-transmit - 0 - 150V* yes 1 1215.00 1 1215.00 949.00 P49VMD1 D C voltage monitor with 4-20mA re-transmit - 0 - 150V* yes 2 1265.00 1 1600.00 1 1600.00 1 1600.00 P49VMD1 D C voltage monitor with 4-20mA re-transmit - 0 - 150V* yes 2 1265.00 1 1215.00 <td>P49VM10</td> <td>single phase voltage mo</td> <td>nitor –</td> <td>0 - 300V* (1ph)</td> <td></td> <td></td> <td>823.00 1088.00</td>	P49VM10	single phase voltage mo	nitor –	0 - 300V* (1ph)			823.00 1088.00	
P49VM30(N) 3 ph voltage & frequency indicator 0 - 500V (3ph) - 0 1012.00 P49VM32(N) 3 ph voltage & frequency monitor 0 - 500V (3ph) - 2 1063.00 P49VM32(N) 3 ph voltage & frequency monitor 0 - 500V (3ph) - 2 1063.00 P49VM32(N) 3 ph voltage & frequency monitor 0 - 500V (3ph) - 2 1063.00 P49VM32(N) 3 ph voltage & frequency monitor 0 - 500V (3ph) - 2 1063.00 P49VM32(N) 3 ph voltage & frequency monitor 0 - 500V (3ph) - 2 1063.00 P49VM32(N) 3 ph voltage & frequency monitor 0 - 500V (3ph) - 2 1063.00 P49VMD0 DC voltage indicator 0 - 150V* - 0 1063.00 P49VMD0 DC voltage indicator 0 - 150V* - 0 1164.00 P49VMD1 DC voltage monitor - 0 - 150V* - 0 1164.00 P49VMD1 DC voltage monitor - 0 - 150V* yes 0 1164.00 P49VMD1 DC voltage monitor - 0 - 150V* yes 1 1215.00 P49VMD2 DC voltage monitor with 4-20mA re-transmit 0 - 150V* yes 2 1265.00 P49VMD2 DC voltage monitor with 4-20mA re-transmit 0 - 150V* yes 2 1265.00 P49VMD2 DC voltage monitor with 4-20mA re-transmit 0 - 150V* yes 2 1265.00 P49VMD2 DC voltage monitor with 4-20mA re-transmit 0 - 150V* yes 2 1265.00 P49SFM0 single phase frequency indicator 0 - 9999Hz 0 848.00 P49SFM1 single phase frequency monitor 0 - 9999Hz 0 848.00 P49SFM0 single phase frequency monitor 0 - 9999Hz 0 886.00 P49CMA0-1 AC current indicator 0 - 1 A yes 0 1152.00 P49CMA1-1 AC current monitor with 4-20mA re-transmit 0 - 1 A yes 0 1152.00 P49CMA1-1 AC current monitor with 4-20mA re-transmit 0 - 1 A yes 1 1202.00 P49CMA2-1 AC current monitor with 4-20mA re-transmit 0 - 5 A yes 0 1152.00 P49CMA2-1 AC current monitor with 4-20mA re-transmit 0 - 5 A yes 0 1152.00 P49CMA2-5 AC current monitor with 4-20mA re-transmit 0 - 5 A yes 0 1152.00 P49CMD4-5 AC current monitor with 4-20mA re-transmit 0 - 5 A yes 0 1152.00	P49VM11 P49VM11-T P49VM12 P49VM12-T	single phase voltage mos single phase voltage mos single phase voltage mos single phase voltage mos	nitor — nitor with 4-20mA re-transmit nitor — with 4-20mA re-transmit	0 - 300V* (1ph) 0 - 300V* (1ph) 0 - 300V* (1ph) 0 - 300V* (1ph)	yes - yes	1 1 2	873.00 1139.00 924.00 1190.00	
P49VM32(N) 3 ph voltage & frequency monitor — 0 - 500V (3ph) — 1 1012.00 P49VM32(N) 3 ph voltage & frequency monitor — 0 - 500V (3ph) — 2 1063.00 (N) software selectable neutral monitoring as well DC voltage indicator / monitor	ū	·		•		0	062.00	
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P49VMD0 DC voltage indicator - 0 - 150V* - 0 899.00 P49VMD0-T DC voltage indicator with 4-20mA re-transmit 0 - 150V* yes 0 1164.00 P49VMD1 DC voltage monitor - 0 - 150V* yes 1 949.00 P49VMD2 DC voltage monitor with 4-20mA re-transmit 0 - 150V* yes 2 1000.00 P49VMD2-T DC voltage monitor with 4-20mA re-transmit 0 - 150V* yes 2 1000.00 P49VMD2-T DC voltage monitor with 4-20mA re-transmit 0 - 150V* yes 2 1265.00 * Other voltages available on request 0-10V re-transmit available on request ** 1265.00 * Other voltages and/or monitors mains supply frequency ** </td <td>(N) software sele</td> <td>ctable neutral monitoring</td> <td>as well</td> <td></td> <td></td> <td></td> <td></td>	(N) software sele	ctable neutral monitoring	as well					
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P49SFM0 single phase frequency indicator - 0 - 9999Hz - 0 848.00 P49SFM1 single phase frequency monitor - 0 - 9999Hz - 1 899.00 AC current monitors Displays and/or monitors true RMS AC current signal from current transformers. P49CMA0-1 AC current indicator - 0 - 1 A - 0 886.00 P49CMA0-1-T AC current indicator - 0 - 1 A - 0 1152.00 P49CMA1-1 AC current monitor - 0 - 1 A - 1 937.00 P49CMA1-1-T AC current monitor with 4-20mA re-transmit 0 - 1 A - 2 987.00 P49CMA2-1 AC current monitor with 4-20mA re-transmit 0 - 1 A - 2 987.00 P49CMA0-5-T AC current indicator - 0 - 5 A - 0 1152.00 P49CMA1-5-T AC current monitor with 4-20mA re-transmit 0 - 5 A yes 0 1152.00 P49CMA2-5-	Frequency indi	cator / monitor						
Displays and/or monitors true RMS AC current signal from current transformers. P49CMA0-1 AC current indicator — 0 - 1 A — 0 886.00 P49CMA0-1-T AC current indicator with 4-20mA re-transmit 0 - 1 A — 0 1152.00 P49CMA1-1 AC current monitor — 0 - 1 A — 1 937.00 P49CMA2-1-T AC current monitor with 4-20mA re-transmit 0 - 1 A — 2 987.00 P49CMA2-1-T AC current monitor with 4-20mA re-transmit 0 - 1 A — 2 987.00 P49CMA0-5 AC current indicator — 0 - 5 A — 0 886.00 P49CMA0-5-T AC current indicator with 4-20mA re-transmit 0 - 5 A — 0 886.00 P49CMA1-5-T AC current monitor with 4-20mA re-transmit 0 - 5 A — 1 937.00 P49CMA2-5-T AC current monitor — 0 - 5 A — 2 987.00 P49CMD0 DC current indicator —	Displays and/or n P49SFM0 P49SFM1	single phase frequency in	ndicator –		- -		848.00 899.00	
P49CMA0-1 AC current indicator - 0 - 1 A - 0 886.00 P49CMA0-1-T AC current indicator with 4-20mA re-transmit 0 - 1 A yes 0 1152.00 P49CMA1-1 AC current monitor with 4-20mA re-transmit 0 - 1 A - 1 937.00 P49CMA2-1 AC current monitor with 4-20mA re-transmit 0 - 1 A - 2 987.00 P49CMA2-1-T AC current indicator - 0 - 1 A - 2 987.00 P49CMA0-5 AC current indicator - 0 - 5 A - 0 886.00 P49CMA0-5-T AC current indicator with 4-20mA re-transmit 0 - 5 A yes 0 1152.00 P49CMA1-5-T AC current monitor with 4-20mA re-transmit 0 - 5 A yes 1 1202.00 P49CMA2-5-T AC current monitor - 0 - 5 A yes 1 1202.00 DC current monitors with 4-20mA re-transmit 0 - 5 A yes 2 1253.00 D	AC current moi	nitors						
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