



DMK00R1



DMK10R1



DMK01R1



DMK03R1



DMK11R1

**Digital panel meters** *Panel mount (H) 48 x (W) 96 mm*

- Auxiliary supply 220 - 240 VAC (others on request)
- True RMS measurements
- 0.5 current / 0.25 voltage
- Memory storage of maximum and minimum values
- Flush 96 x 48 mm panel mounting
- Programmable time delay for max, min or voltage/current loss (0 - 900 sec)

type	description	output	monitored range
<b>Voltmeters</b> <i>(panel mounting 48 x 96 mm)</i>			
Voltage measurement range: 15 - 660 VAC			
Operating frequency range: 45 - 65Hz			
Programmable VT ratio: 1.00 - 500.0			
Accuracy: ±0.25% f.s. ±1 digit			
<b>DMK00</b>	single phase digital voltmeter	meter only	15-660 VAC
<b>DMK10</b>	three phase digital voltmeter	meter only	15-660 VAC
<b>Voltmeter / monitor</b> <i>1 c/o relay output (8A - 250VAC)</i>			
Settings	– Voltage loss or failure: 102 - 120% Ue	(0 - 900sec)	
	– Maximum voltage: 5 - 85% Ue	(0 - 900sec)	
	– Minimum voltage: 70 - 98Ue	(0 - 900sec)	
<b>DMK00R1</b>	single phase digital voltage monitor	relay out	15-660 VAC
<b>DMK10R1</b>	three phase digital voltage monitor	relay out	15-660 VAC
<b>Ammeters</b> <i>accuracy: ± 0.5% full scale ± 1 digit</i>			
Current measurement range: 0.05 - 5.75A			
Operating frequency range: 45 - 65Hz			
Programmable CT ratio: 5 - 10.000			
Accuracy: ±0.5% f.s. ±1 digit			
<b>DMK01</b>	single phase digital ammeter only	meter only	0.05 - 5.75A
<b>DMK11</b>	three phase digital ammeter only	meter only	0.05 - 5.75A
<b>Ammeter / monitor</b> <i>1 changeover relay output</i>			
Settings	– Current loss: Off / 2 - 100%	(0 - 900sec)	
	– Maximum current: Off / 102 - 200%	(0 - 900sec)	
	– Instantaneous trip: Off / 110 - 600%		
	– Minimum current: Off / 5 - 98%	(0 - 900sec)	
<b>DMK01R1</b>	single phase digital current monitor	relay out	0.05 - 5.75A
<b>DMK11R1</b>	three phase digital current monitor	relay out	0.05 - 5.75A
<b>Frequency meter</b> <i>accuracy: ± 1 digit</i>			
Measurement input: 15 - 660 VAC			
Frequency measure range: 15 - 65Hz			
Accuracy: ±1 digit			
<b>DMK03</b>	digital frequency meter only	meter only	15 - 65Hz
<b>Frequency meter / monitor</b> <i>1 changeover relay output</i>			
Settings:	– Maximum frequency: Off / 101 - 110%	(0.5 - 900sec)	
	– Minimum frequency: Off / 90 - 99%	(0.5 - 900sec)	
<b>DMK03R1</b>	digital frequency monitor	relay output	15 - 65Hz
<b>Multi-meter</b> <i>combination voltage, current, power factor</i>			
• Voltage: ph-to-ph and ph-to-neutral values			
• Current: 3 phase			
• Active, reactive, apparent power and energy			
• Power factor			
• Frequency			
• Hour counter			
Voltage measurement range: 35 - 660 VAC			
Current measurement range: 0.05 - 5.75A			
Operating frequency range: 45 - 65Hz			
Programmable VT ratio: 1.00 - 500.0			
Programmable CT ratio: 5 - 10.000			
<b>DMK16</b>	three-phase multi-meter only	meter only	multi-meter
<b>DMK16R1</b>	three-phase multi-meter and monitor	relay out	multi-meter