





DCP-96 AAC

DCP-96 AAC, Three-phase digital ammeter

Code: M22450.

> Scale: .../5A, .../1A

> System: AC

> Paramètre: A,Hz

> Mounting: Pannel

> Modules: 96 x 96

Application

Measurement of basic electrical parameters in switchboards and low- and medium-voltage connections where space constraints require installing an accurate, space-saving panel indicactor.







DCP-96 AAC

Panel-mounted digital instruments

Code: M22450.

Specifications

Consumption	Installation category	CAT III 300 V
Nominal voltage ***Dopower supply** Installation category Consumption Obs	Consumption	1 4 VA
Installation category Consumption O.50.7 W Nominal voltage 80270 Vdc Wechanical characteristics Size (mm) width x height x depth 96 x 96 x 41.5 (mm) Envelope Polycarbonate + ABS Weight (kg) O.2 Sinvironmental characteristics Relative humidity (without condensation) \$\frac{\text{9.5}\text{	Frequency	50/60 Hz
Installation category Consumption O.S 0.7 W Nominal voltage Mechanical characteristics Mechanical characteristics Size (mm) width x height x depth Envelope Polycarbonate + ABS Weight (kg) O.Z. Environmental characteristics Relative humidity (without condensation) Storage temperature Voltage temperature Voltage temperature Installation category Consumption	Nominal voltage	80270 V ~
Consumption 0.5 0.7 W Nominal voltage 80 270 Vdc Mechanical characteristics Size (mm) width x height x depth 96 x 96 x 41.5 (mm) Envelope Polycarbonate + ABS Weight (kg) 0.2 Sinvironmental characteristics Relative humidity (without condensation) \$95% Storage temperature -40 +85 °C Working temperature -25 +70 °C Current measurement circuit Installation category CAT III 300 V Consumption <0.2 VA (por fase) Nominal current (ln) 1A / 5 A - Allowable overload 1.2 in continuous, 10 in instantaneous(5s) Voltage measurement circuit Installation category CAT III 300 V Sampling frequency 4565 Hz Frequency measuring range 4565 Hz Electrical safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III 300 V Electrical safety, Installation category CAT III 300 V	DC power supply	
Nominal voltage 80270 Vdc	Installation category	CAT III 300 V
Mechanical characteristics Size (mm) width x height x depth 96 x 96 x 41.5 (mm) Envelope Polycarbonate + ABS Weight (kg) 0,2 Environmental characteristics Relative humidity (without condensation) ≤ 95% Storage temperature -40 +85 °C Working temperature -25 +70 °C Current measurement circuit Installation category CAT III 300 V Consumption <0.2 VA (por fase) Nominal current (In) 1A / 5 A ~ Allowable overload 1.2 In continuous, 10 In instantaneous(5s) Voltage measurement circuit Installation category A565 Hz Frequency measuring range 4565 Hz Electrical safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III 300 V Electrical safety, Installation category A561 Hz Electrical safety, Installation category CAT III 300 V Electrical safety, Installation category A565 Hz Electrical safety, Installation category CAT III 300 V Electrical safety, Contamination level / class Pollution resistance 2	Consumption	0.5 0.7 W
Size (mm) width x height x depth Envelope Polycarbonate + ABS Weight (kg) 0,2 Environmental characteristics Relative humidity (without condensation) ≤ 95% Storage temperature -40 +85 °C Working temperature -25 +70 °C Eutrent measurement circuit Installation category Consumption Consumption Allowable overload 1 x 1 x 5 x ~ Allowable overload Installation category CAT III 300 V Allowable overload Electrical safety, Maximum height (m) Electrical safety, Maximum height (m) Electrical safety, Installation category CAT III 300 V Electrical safety, Installation category CAT III 300 V Electrical safety, Installation category Pollution resistance 2	Nominal voltage	80270 Vdc
Envelope Polycarbonate + ABS Weight (kg) 0,2 Relative humidity (without condensation) ≤ 95% Storage temperature -40 +85 °C Working temperature -25 +70 °C Current measurement circuit Installation category CAT III 300 V Consumption 1A / 5 A ~ Allowable overload 1.2 In continuous, 10 In instantaneous(5s) Voltage measurement circuit Installation category CAT III 300 V Cat III 300 V Consumption 4 / 5 B ~ Allowable overload 5.2 In continuous, 10 In instantaneous(5s) Voltage measurement circuit Installation category CAT III 300 V Sampling frequency 4565 Hz Frequency measuring range 45 65 Hz Electrical safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III 300 V Electrical safety, Installation category CAT III 300 V	Mechanical characteristics	
Invironmental characteristics Relative humidity (without condensation) ≤ 95% Storage temperature -40 +85 °C Working temperature -25 +70 °C Fourient measurement circuit Installation category CAT III 300 V Consumption <0.2 VA (por fase) Nominal current (In) 1A / 5A ~ Allowable overload 1.2 In continuous, 10 In instantaneous(5s) Fourient measurement circuit Installation category CAT III 300 V CAT III 300 V Cat III 300 V Consumption 1A / 5 A ~ Allowable overload 5A ~ Allowable overload 5A ~ Allowable overload 5A ~ Allowable overload 5A ~ Electrical safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III 300 V	Size (mm) width x height x depth	96 x 96 x 41.5 (mm)
Relative humidity (without condensation) Storage temperature -40 +85 °C Working temperature -25 +70 °C Current measurement circuit Installation category Consumption Consumption Consumption Allowable overload Installation category CAT III 300 V Cathorizage measurement circuit Installation category CAT III 300 V Cathorizage measurement circuit Cathorizage measurement circuit Installation category CAT III 300 V Cathorizage measurement circuit Cathorizage measureme	Envelope	Polycarbonate + ABS
Relative humidity (without condensation) Storage temperature -40 +85 °C -25 +70 °C Current measurement circuit Installation category Consumption Consumption Consumption Consumption Allowable overload Allowable overload Consument circuit Installation category CAT III 300 V Consumption Allowable overload CAT III 300 V CONSUMENT CONSUMENT CIRCUIT Allowable overload CAT III 300 V CAT III 300 V CAT III 300 V Sampling frequency As65 Hz Frequency measuring range 4565 Hz Standards Electrical safety, Maximum height (m) Electrical safety, Installation category CAT III 300 V	Weight (kg)	0,2
Storage temperature -40 +85 °C Working temperature -25 +70 °C Furrent measurement circuit Installation category CAT III 300 V Consumption <0.2 VA (por fase) Nominal current (In) 1A / 5 A ~ Allowable overload 1.2 In continuous, 10 In instantaneous(5s) Foliage measurement circuit Installation category CAT III 300 V Sampling frequency 4565 Hz Frequency measuring range 45 65 Hz Standards Electrical safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III 300 V Electrical safety, Installation category CAT III 300 V Electrical safety, Installation category CAT III 300 V	Environmental characteristics	
Working temperature -25 +70 °C Current measurement circuit Installation category CAT III 300 V Consumption <0.2 VA (por fase) Nominal current (In) 1A / 5 A ~ Allowable overload 1.2 In continuous, 10 In instantaneous(5s) Voltage measurement circuit Installation category CAT III 300 V Sampling frequency 4565 Hz Frequency measuring range 45 65 Hz Electrical safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III 300 V Electrical safety, Installation category CAT III 300 V	Relative humidity (without condensation)	≤ 95%
Installation category Consumption Consumption Allowable overload Installation category Coltage measurement circuit Installation category CAT III 300 V Coltage measurement circuit Installation category CAT III 300 V Sampling frequency A565 Hz Frequency measuring range 4565 Hz Electrical safety, Maximum height (m) Electrical safety, Installation category CAT III 300 V	Storage temperature	-40 +85 °C
Installation category Consumption Consumpt	Working temperature	-25 +70 °C
Consumption < 0.2 VA (por fase) Nominal current (In) 1A / 5 A ~ Allowable overload 1.2 In continuous, 10 In instantaneous(5s) Voltage measurement circuit Installation category CAT III 300 V Sampling frequency 4565 Hz Frequency measuring range 45 65 Hz Electrical safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III 300 V Electrical safety, Contamination level/class Pollution resistance 2	Current measurement circuit	
Nominal current (In) Allowable overload 1.2 In continuous, 10 In instantaneous(5s) Voltage measurement circuit Installation category CAT III 300 V Sampling frequency 4565 Hz Frequency measuring range 45 65 Hz Electrical safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III 300 V Pollution resistance 2	Installation category	CAT III 300 V
Allowable overload 1.2 In continuous, 10 In instantaneous(5s) /oltage measurement circuit Installation category CAT III 300 V Sampling frequency Frequency measuring range 45 65 Hz Standards Electrical safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III 300 V Pollution resistance 2	Consumption	< 0.2 VA (por fase)
Installation category CAT III 300 V Sampling frequency 4565 Hz Frequency measuring range 45 65 Hz Standards Electrical safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III 300 V Electrical safety, Contamination level/class Pollution resistance 2	Nominal current (In)	1 A / 5 A ~
Installation category Sampling frequency 4565 Hz Frequency measuring range 45 65 Hz Standards Electrical safety, Maximum height (m) Electrical safety, Installation category Electrical safety, Contamination level/class Pollution resistance 2	Allowable overload	1.2 In continuous, 10 In instantaneous(5s)
Sampling frequency 4565 Hz Frequency measuring range 4565 Hz Standards Electrical safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III 300 V Electrical safety, Contamination level/class Pollution resistance 2	/oltage measurement circuit	
Frequency measuring range 45 65 Hz Standards Electrical safety, Maximum height (m) 2000 Electrical safety, Installation category CAT III 300 V Electrical safety, Contamination level/class Pollution resistance 2	Installation category	CAT III 300 V
Electrical safety, Maximum height (m) Electrical safety, Installation category CAT III 300 V Electrical safety, Contamination level/class Pollution resistance 2	Sampling frequency	4565 Hz
Electrical safety, Maximum height (m) Electrical safety, Installation category CAT III 300 V Electrical safety, Contamination level/class Pollution resistance 2	Frequency measuring range	45 65 Hz
Electrical safety, Installation category CAT III 300 V Electrical safety, Contamination level/class Pollution resistance 2	Standards	
Electrical safety, Contamination level/class Pollution resistance 2	Electrical safety, Maximum height (m)	2000
**	Electrical safety, Installation category	CAT III 300 V
Standards IEC 61010-1 IEC 61000-4-2 IEC 61000-4-3 IEC 61000-4-4 IEC 61000-	Electrical safety, Contamination level/class	Pollution resistance 2
61000-4-6, IEC 61000-4-8, IEC 61000-4-11	Standards	IEC 61010-1, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11





Page 3 of 4





DCP-96 AAC

Panel-mounted digital instruments

Code: M22450.

User interface

Keyboard	3 keys
Display type	LCD

Measurement accuracy

Frequency measurement	± 0.01 Hz
Phase current measurement	0.2 % (± 1 digit)

DCP-96

Digital instruments 96 x 96

CODE	TYPE	Scale	System	Paramètre	Modules
M22410.	DCP-96 VAC	3 x 230 / 400V	AC	V, Hz	96 x 96
M22450.	DCP-96 AAC	/5A,/1A	AC	A,Hz	96 x 96









DCP-96 AAC

Panel-mounted digital instruments

Code: M22450.

Connections



