

F400 SERIE



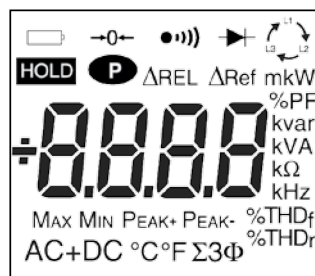
F400 serie	
Clamping diam.	48 mm
Current	1,000 A _{AC} or AC+DC 1,500 A _{DC}
Domain of use	1,000V CAT IV 1,000 V CAT III

The F400 Series is designed for medium-power low-voltage applications in sectors such as LV electricity production and distribution, industry, railways, etc. It is also suitable for lift/elevator technicians and other lifting and transport specialists.

The main applications for the clamps in this series are maintenance, testing, monitoring, diagnostics and connection.



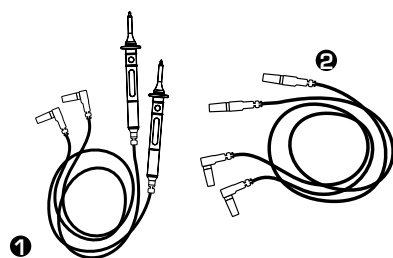
	F401/F601	F403/F603
Display resolution	10,000 cts	10,000 cts
Measurements displayed	x1	x1
Display backlighting	•	•
Acquisition method	TRMS	TRMS
Automatic AC/DC detection	•	•
A	AC	•
	DC	•
	AC+DC	•
V	AC	•
	DC	•
	AC+DC	•
Hz	•	•
Resistance/audible continuity	•	•
T° (°C / °F)	•	•
Adapter function		•
2-wire phase rotation		
W, var, VA, PF		
DPF		
THDf / THDr		
Harm0... Harm25		
Min. / Max.	•	•
Peak+ / Peak-		
TrueInrush	•	•
ΔREL		•
Recording		
PC software (included) / Bluetooth		



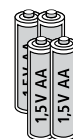
Complete display for F401, F403, F405, F601, F603 & F605



Model	F200 SERIES			F400 SERIES				F600 SERIES			
	F201	F203	F205	F401	F403	F405	F407	F601	F603	F605	F607
Clamping diameter	34 mm			48 mm				60 mm			
Display	LCD Backlit LCD			Backlit LCD				Backlit LCD			
Resolution	6,000 counts			10,000 counts				10,000 counts			
Number of values displayed	1			1				3			
Type of acquisition	TRMS [AC]	TRMS [AC]/DC	TRMS [AC, AC+DC]/DC	TRMS [AC]	TRMS [AC]/DC	TRMS [AC, AC+DC]/DC	TRMS [AC, AC+DC]/DC	TRMS [AC]	TRMS [AC]/DC	TRMS [AC, AC+DC]/DC	TRMS [AC, AC+DC]/DC
Autorange	YES			YES				YES			
Automatic AC / DC detection	- YES			- YES				- YES			
A AC	0.15 to 600 A (900A peak)			0.15 to 1,000 A (1,500A peak)				0.15 to 2,000 A (3,000A peak)			
A DC	0.15 to 900A peak			0.15 to 1,500A				0.15 to 3,000A			
A AC+DC	0.15 to 600 A (900A peak)			0.15 to 1,000 A (1,500A peak)				0.15 to 2,000 A (3,000A peak)			
Best accuracy	1% reading + 3 cts			1% reading + 3 cts				1% reading + 3 cts			
V AC	0.15 to 1,000 V (1,400 V peak)			0.15 to 1,000 V (1,400 V peak)				0.15 to 1,000 V (1,400 V peak)			
V DC	0.15 to 1,400 V			0.15 to 1,400 V				0.15 to 1,400 V			
V AC+DC	0.15 to 1,000 V (1,400 V peak)			0.15 to 1,000 V (1,400 V peak)				0.15 to 1,000 V (1,400 V peak)			
Best accuracy	1% reading + 3 cts			1% reading + 3 cts				1% reading + 3 cts			
Hz	Current: 5.0 Hz to 3,000 Hz Voltage: 5.0 Hz to 20.00 kHz			Current: 5.0 Hz to 2,000 Hz Voltage: 5.0 Hz to 20.00 kHz				Current: 5.0 Hz to 1,000 Hz Voltage: 5.0 Hz to 20.00 kHz			
Ohm	0.1 Ω to 59.99 kΩ			0.1 Ω to 99.99 kΩ				0.1 Ω to 99.99 kΩ			
Open-circuit voltage	≤ 8 V			≤ 8 V				≤ 8 V			
Measurement current	≤ 680 μA			≤ 680 μA				≤ 680 μA			
Audible continuity	YES			YES				YES			
Continuity threshold	adjustable from 1 to 599 Ω			adjustable from 1 to 999 Ω				40 Ω			
Diode test (semiconductor junction)	YES			YES				NO			
Temperature (K type)	°C: -60.0 to +1,000.0°C °F: -76.0 to +1,832 °F			°C: -60.0 to +1,000.0°C °F: -76.0 to +1,832 °F				°C: -60.0 to +1,000.0°C °F: -76.0 to +1,832 °F			
Single-phase and total three-phase power values	YES			YES				YES			
Active power	1 W to 600 kW			1 W to 1,000 kW				1 W to 2,000 kW			
Reactive power	1 var to 600 kvar			1 var to 1,000 kvar				1 var to 2,000 kvar			
Apparent power	1 VA to 600 kVA			1 VA to 1,000 kVA				1 VA to 2,000 kVA			
FP / DPF	YES / NO			YES / NO				YES / YES			
Harmonic analysis	YES			YES				YES			
THDf / THDr	YES / YES			YES / YES				YES / YES			
Frequency analysis	NO			NO				25th order			
Phase rotation (2-wire method)	YES			YES				YES			
Functions											
True InRush (Overcurrent measurement)	YES			YES				YES			
Motor inrush	YES			YES				YES			
Load change	YES			YES				YES			
Hold	YES			YES				YES			
Min. / Max.	YES			YES				YES			
Peak+ / Peak-	YES			YES				YES			
RElative ΔX / Differential ΔX/X (%)	YES / YES			YES / YES				YES / YES			
Auto Power Off	YES			YES				YES			
Data recording								YES			
Communication interface								Bluetooth			
Electrical safety as per IEC 61010	600V CAT IV			1000V CAT IV & CAT III				1000V CAT IV & CAT III			
Power supply	1 x 9 V LF22			4 x 1.5 V AA				4 x 1.5 V AA			
Dimensions & weight	78 x 222 x 42 mm / 340 g			92 x 272 x 41 mm / 600 g				111 x 296 x 41 mm / 640 g			



9 V for F200 Series



1.5 V for F400 / F600 Series



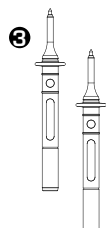
STATE AT DELIVERY

	F201	F401	F205	F407
	F203	F403	F405	F607
		F601	F605	
	F603			
①	x1			
②		x1	x1	x1
③		x1	x1	x1
④			x1	x2
⑤	x1	x1		
⑥	x1	x1	x1	x1
⑦	x1	x1	x1	x1

+ Start-up Guide and Operating Manual (5 languages) on CD-Rom

TO ORDER

F201	P01120921
F203	P01120923
F205	P01120925
F401	P01120941
F403	P01120943
F405	P01120945
F407	P01120947
F601	P01120961
F603	P01120963
F605	P01120965
F607	P01120967



FRANCE
Chauvin Arnoux
190, rue Championnet
75876 PARIS Cedex 18
Tel: +33 1 44 85 44 38
Fax: +33 1 46 27 95 59
export@chauvin-arnoux.fr
www.chauvin-arnoux.fr

UNITED KINGDOM
Chauvin Arnoux Ltd
Unit 1 Nelson Ct, Flagship Sq, Shaw Cross Business Pk
Dewsbury, West Yorkshire - WF12 7TH
Tel: +44 1924 460 494
Fax: +44 1924 455 328
info@chauvin-arnoux.co.uk
www.chauvin-arnoux.com

MIDDLE EAST
Chauvin Arnoux Middle East
P.O. BOX 60-154
1241 2020 JAL EL DIB - LEBANON
Tel: +961 1 890 425
Fax: +961 1 890 424
carrie@chauvin-arnoux.com
www.chauvin-arnoux.com

CHAUVIN ARNOUX GROUP