

Measure- ment technology

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MIEZ - Digital measuring technology



Multifunctional measuring device

Measurement of current, voltage, power, energy and derived values

Type	Interface	Rated voltage	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
Multifunctional measuring device for front panel installation	-	230 V	96	96	1	20.5	23	37000
	Ethernet, Modbus TCP, Webserver	24 V			1	20.5	23	37001
					1	20.5	23	37002



Power analyzer

Measurement of current, voltage, power, energy and derived values

Analysis and monitoring of voltage and power quality

Type	Interface	Width	Height	Depth	Pack size	Weight kg/100 u.	PG	Part no. with link
Power analyser for front panel installation	Ethernet, Modbus TCP, Webserver, Local bus, Front USB	96	96	80	1	20.5	23	37010
Power analyser	Ethernet, RS485, Gateway Modbus Master, Modbus TCP, Modbus RTU, Webserver	106	90	58	1	20.5	23	37020



Current extension module

for DIN rail

Type	Interface	for	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
12 channels	Local bus	37010	54	94	1	20.5	23	37100

CrossMT - Measuring module



Measuring module 100 A

for measurement and monitoring of electrical values

Type	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
with IO-Link interface, with status LEDs	100 A	1	20.5	23	36400



Feature-Upgrades for measuring module

additional software to expand the range of functions

Type	PG	Part no. with link
Feature upgrade measurement+	24	21020
Feature upgrade energy counter	24	21021
Feature upgrade motor management	24	21022

OMUS®C14, MOTUS®C14 - Electronic switching devices

with measuring function and communication



OMUS®C14 electronic switch for resistive loads

with display and IO-Link communication interface

Type	System	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link		
electronic unit switch for resistive loads 0.1 to 2.6 A	CrossBoard® 125A / 250A, CrossBoard® 800 A	22.5	160	1	51.4	21	36179		
electronic unit switch for resistive loads 0.1 to 6.6 A				1	51.4	21	36183		
electronic unit switch for resistive loads 0.1 to 6.6 A	30Compact 3P			1	60.7	21	36181		
electronic unit switch for resistive loads 0.1 to 2.6 A				1	60.7	21	36177		
electronic unit switch for resistive loads 0.1 to 6.6 A	60Classic		200	1	62.4	21	36182		
electronic unit switch for resistive loads 0.1 to 2.6 A				1	62.4	21	36178		
electronic unit switch for resistive loads 0.1 to 6.6 A	Panel		160	1	64.2	21	36180		
electronic unit switch for resistive loads 0.1 to 2.6 A				1	64.2	21	36176		

3-pole or 1-pole switchable



MOTUS®C14 electronic motor starters

with display and IO-Link communication interface

Type	System	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link		
direct and reversing starter 0.1 - 2.6 A	CrossBoard® 125A / 250A, CrossBoard® 800 A	22.5	160	1	51.4	21	36258		
direct and reversing starter 0.1 - 6.6 A				1	51.4	21	36262		
direct and reversing starter 0.1 - 2.6 A	30Compact 3P			1	60.7	21	36256		
direct and reversing starter 0.1 - 6.6 A				1	60.7	21	36260		
direct and reversing starter 0.1 - 2.6 A	60Classic		200	1	62.4	21	36257		
direct and reversing starter 0.1 - 6.6 A				1	62.4	21	36261		
direct and reversing starter 0.1 - 2.6 A	Panel		185	1	64.2	21	36255		
direct and reversing starter 0.1 - 6.6 A				1	64.2	21	36259		

3-pole or 1-pole switchable



Feature upgrade for MOTUS®C14

Type	PG	Part no. with link
Feature upgrade softstart	24	21001

Current transformers 5 A



Current transformer secondary rated current 5 A, size CT1

Type	Accuracy class	Rated apparent-power	Pack size	Weight kg/100 u.	PG	Part no. with link
current transformer 200 A / 5 A	1	1.50 VA	1	10.4	23	37200
current transformer 250 A / 5 A			1	10.4	23	37201
current transformer 400 A / 5 A			1	10.4	23	37202
current transformer 500 A / 5 A			1	10.4	23	37203
current transformer 200 A / 5 A	0.5	1.00 VA	1	10.4	23	37204
current transformer 250 A / 5 A			1	10.4	23	37205
current transformer 400 A / 5 A		1.50 VA	1	10.4	23	37206
current transformer 500 A / 5 A			1	10.4	23	37207
current transformer 200 A / 5 A, with decl. of conformity		1.00 VA	1	10.4	23	37208
current transformer 250 A / 5 A, with decl. of conformity			1	10.4	23	37209
current transformer 400 A / 5 A, with decl. of conformity		1.50 VA	1	10.4	23	37210
current transformer 500 A / 5 A, with decl. of conformity			1	10.4	23	37211

Accessories

article	Pack size	Weight kg/100 u.	PG	Part no. with link
fixing clip for current transformers / measuring transformers	3	0.5	23	37900

Current transformers 5 A



Current transformer secondary rated current 5 A, size CT2

Type	Accuracy class	Rated apparent-power	Pack size	Weight kg/100 u.	PG	Part no. with link
current transformer 200 A / 5 A	1	2.50 VA	1	13.5	23	37212
current transformer 250 A / 5 A			1	13.5	23	37213
current transformer 400 A / 5 A			1	13.5	23	37214
current transformer 500 A / 5 A			1	13.5	23	37215
current transformer 600 A / 5 A			1	13.5	23	37216
current transformer 800 A / 5 A			1	13.5	23	37217
current transformer 910 A / 5 A			1	13.5	23	37218
current transformer 200 A / 5 A	0.5	1.00 VA	1	13.5	23	37219
current transformer 250 A / 5 A			1	13.5	23	37220
current transformer 400 A / 5 A		2.50 VA	1	13.5	23	37221
current transformer 500 A / 5 A			1	13.5	23	37222
current transformer 600 A / 5 A			1	13.5	23	37223
current transformer 800 A / 5 A			1	13.5	23	37224
current transformer 910 A / 5 A			1	13.5	23	37225
current transformer 200 A / 5 A, with decl. of conformity		1.00 VA	1	13.5	23	37232
current transformer 250 A / 5 A, with decl. of conformity			1	13.5	23	37233
current transformer 400 A / 5 A, with decl. of conformity		2.50 VA	1	13.5	23	37234
current transformer 500 A / 5 A, with decl. of conformity			1	13.5	23	37235
current transformer 250 A / 5 A	0.5s	1.00 VA	1	13.5	23	37226
current transformer 400 A / 5 A			1	13.5	23	37227
current transformer 500 A / 5 A		2.50 VA	1	13.5	23	37228
current transformer 600 A / 5 A			1	13.5	23	37229
current transformer 800 A / 5 A			1	13.5	23	37230
current transformer 910 A / 5 A			1	13.5	23	37231
current transformer 250 A / 5 A, with decl. of conformity		1.00 VA	1	13.5	23	37236
current transformer 400 A / 5 A, with decl. of conformity			1	13.5	23	37237
current transformer 500 A / 5 A, with decl. of conformity			1	13.5	23	37238

Accessories

article	Pack size	Weight kg/100 u.	PG	Part no. with link
fixing clip for current transformers / measuring transformers	3	0.5	23	37900

Current transformers 5 A



Current transformer secondary rated current 5 A, size CT3

Type	Accuracy class	Rated apparent-power	Pack size	Weight kg/100 u.	PG	Part no. with link
current transformer 80 A / 5 A	1	2.50 VA	1	14.0	23	33741
current transformer 150 A / 5 A			1	14.0	23	33742
current transformer 100 A / 5 A	0.5	1.50 VA	1	28.0	23	33749
current transformer 100 A / 5 A, with decl. of conformity			1	28.0	23	33750
current transformer 150 A / 5 A		2.50 VA	1	28.0	23	33751
current transformer 150 A / 5 A, with decl. of conformity			1	28.0	23	33752



Current transformer secondary rated current 5 A, size CT4

Type	Accuracy class	Rated apparent-power	Pack size	Weight kg/100 u.	PG	Part no. with link
current transformer 630 A / 5 A	1	5.00 VA	1	14.0	23	32983
current transformer 800 A / 5 A			1	14.0	23	32984
current transformer 1000 A / 5 A			1	14.0	23	32985
current transformer 1250 A / 5 A			1	14.0	23	32986
current transformer 1600 A / 5 A			1	14.0	23	32987

Accessories

article	Pack size	Weight kg/100 u.	PG	Part no. with link
fixing clip for current transformers / measuring transformers	3	0.5	23	37900

Measuring transformers 333 mV



Measuring transformers 333 mV, size CT1

Type	Accuracy class	Burden	Pack size	Weight kg/100 u.	PG	Part no. with link
measuring transformer 200 A / 333 mV	1	2 kOhm	3	10.4	23	37277
measuring transformer 250 A / 333 mV			3	10.4	23	37278
measuring transformer 400 A / 333 mV			3	10.4	23	37279
measuring transformer 500 A / 333 mV			3	10.4	23	37280
measuring transformer 200 A / 333 mV	0.5		3	10.4	23	37281
measuring transformer 250 A / 333 mV			3	10.4	23	37282
measuring transformer 400 A / 333 mV			3	10.4	23	37283
measuring transformer 500 A / 333 mV			3	10.4	23	37284
measuring transformer 200 A / 333 mV	0.5s		3	10.4	23	37285
measuring transformer 250 A / 333 mV			3	10.4	23	37286
measuring transformer 400 A / 333 mV			3	10.4	23	37287
measuring transformer 500 A / 333 mV			3	10.4	23	37288



Measuring transformers 333 mV, size CT2

Type	Accuracy class	Burden	Pack size	Weight kg/100 u.	PG	Part no. with link
measuring transformer 200 A / 333 mV	1	2 kOhm	3	13.5	23	37289
measuring transformer 250 A / 333 mV			3	13.5	23	37290
measuring transformer 400 A / 333 mV			3	13.5	23	37291
measuring transformer 500 A / 333 mV			3	13.5	23	37292
measuring transformer 600 A / 333 mV			3	13.5	23	37293
measuring transformer 800 A / 333 mV			3	13.5	23	37294
measuring transformer 910 A / 333 mV			3	13.5	23	37295
measuring transformer 200 A / 333 mV	0.5	2 kOhm	3	13.5	23	37296
measuring transformer 250 A / 333 mV			3	13.5	23	37297
measuring transformer 400 A / 333 mV			3	13.5	23	37298
measuring transformer 500 A / 333 mV			3	13.5	23	37299
measuring transformer 600 A / 333 mV			3	13.5	23	37300
measuring transformer 800 A / 333 mV			3	13.5	23	37301
measuring transformer 910 A / 333 mV			3	13.5	23	37302
measuring transformer 200 A / 333 mV	0.5s		3	13.5	23	37303
measuring transformer 250 A / 333 mV			3	13.5	23	37304
measuring transformer 400 A / 333 mV			3	13.5	23	37305
measuring transformer 500 A / 333 mV			3	13.5	23	37306
measuring transformer 600 A / 333 mV			3	13.5	23	37307
measuring transformer 800 A / 333 mV			3	13.5	23	37308
measuring transformer 910 A / 333 mV			3	13.5	23	37309

Measuring transformers 333 mV



Measuring transformers 333 mV, size CT3

Type	Accuracy class	Burden	Pack size	Weight kg/100 u.	PG	Part no. with link
measuring transformers 100 A / 333 mV	1	2 kOhm	1	14.0	23	33305
measuring transformers 150 A / 333 mV			1	14.0	23	33291
measuring transformers 100 A / 333 mV	0.5		1	14.0	23	33303
measuring transformers 150 A / 333 mV			1	14.0	23	33290

Accessories

article	Pack size	Weight kg/100 u.	PG	Part no. with link
fixing clip for current transformers / measuring transformers	* 3	0.5	23	37900

* for mounting at busbars and in adapters 630 A