ZANGENSTROMWANDLER

AC-Strommessung

Serie	Modell	EINGANG – Messumfang (1): Sehr geringe Ströme	Kleine Ströme	Mittlere Ströme	Hohe Ströme	~ (AC)	⎓ (DC)	AUSGANG / ANSCHLUSS – Strom	Spannung	Kabel Ø 4 mm Sicherheitsstecker (2)	Ø 4 mm Buchsen	BNC (Koaxialstecker)	BESONDERHEITEN – Übersetzungsverhältnis (Eingang / Ausgang)	Ausgang mit Überspannungsschutz	Automatischer DC-Nullabgleich	Für Leistungsmessung (geringe Phasenverschiebung)	Betriebsfrequenz Hz	Typische Genauigkeit (3)	Best.-Nr
	Minizange 1	1 mA...10 A 1 A...100 A				●			10 V AC 0.1 V AC	●			1 mA/1 mV 1 A/1 mV				45 Hz..500 Hz	≤ 3 % ≤ 2 %	P01.1050.01
	Minizange 2		1 A...150 A			●			15 V DC (2)		●		1 A/100 mV				50 Hz..400 Hz	≤ 3%	P01.1050.02
	Minizange 3		0.5...150 A			●		0.3 A AC			●		500/1				45 Hz..450 Hz	≤ 4%	P01.1050.03
	Minizange 4		2...150 A			●		0.15 A AC			●		1000/1				45 Hz..1 kHz	≤ 2,5%	P01.1050.04
	Minizange 5	50 mA...100 A				●		0.1 A AC			●		1000/1			●	45 Hz..10 kHz	≤ 1%	P01.1050.05
	MN08		0.5...240 A			●		0.2 A AC			●		1000/1				40 Hz..10 kHz	≤ 1%	P01.1204.01
	MN09		0.5...240 A			●		0.2 A AC		●			1000/1				40 Hz..10 kHz	≤ 1%	P01.1204.02
	MN10		0.5...240 A			●		0.2 A AC			●		1000/1	●			40 Hz..10 kHz	≤ 2%	P01.1204.03
	MN11		0.5...240 A			●		0.2 A AC		●			1000/1	●			40 Hz..10 kHz	≤ 2%	P01.1204.04
	MN12		0.5...240 A			●			2 V AC		●		1 A/10 mV				40 Hz..10 kHz	≤ 1%	P01.1204.05
	MN13		0.5...240 A			●			2 V AC	●			1 A/10 mV				40 Hz..10 kHz	≤ 1%	P01.1204.06
	MN14		0.5...240 A			●			0.2 V AC		●		1 A/1 mV				40 Hz..10 kHz	≤ 1%	P01.1204.16
	MN15		0.5...240 A			●			0.2 V AC	●			1 A/1 mV				40 Hz..10 kHz	≤ 1%	P01.1204.17
	MN21		0.1...240 A			●		0.2 A AC		●			1000/1	●			40 Hz..10 kHz	≤ 2%	P01.1204.18
	MN38		0.1...24 A 0.5...240 A			●			2 V AC 2 V AC		●		1 A/100 mV 1 A/10 mV				40 Hz..10 kHz	≤ 1%	P01.1204.07
	MN39		0.1...24 A 0.5...240 A			●			2 V AC 2 V AC	●			1 A/100 mV 1 A/10 mV				40 Hz..10 kHz	≤ 1%	P01.1204.08
	MN60		0.1...60 A Spitze 0.5...600 A Spitze			●			2 V AC 2 V AC			●	1 A/100 mV 1 A/10 mV				40 Hz..40 kHz	≤ 2% ≤ 1.5%	P01.1204.09
	MN71	10 mA...12 A				●			1 V AC	●			1 A/100 mV				40 Hz..10 kHz	≤ 1%	P01.1204.20
	MN73		10 mA...2.4 A 100 mA...240 A			●			2 V AC 2 V AC	●			1 mA/1 mV 1 A/10 mV				40 Hz..10 kHz	≤ 1% ≤ 2%	P01.1204.21
	MN89		0.5...240 A			●			20 V DC (2)	●			1 A/100 mV				40 Hz..10 kHz	≤ 2%	P01.1204.15
	Y1N		4 A...600 A			●		0.5 A AC		●			1000/1	●			48 Hz..1 kHz	≤ 3%	P01.1200.01A
	Y2N		4 A...600 A			●		0.5 A AC		●			1000/1	●			48 Hz..1 kHz	≤ 1%	P01.1200.28A
	Y3N		4 A...600 A			●		5 A AC		●			100/1				48 Hz..1 kHz	≤ 3%	P01.1200.29A
	Y4N		4 A...600 A			●			0.5 V DC (2)	●			500 A/ 0.5 V				48 Hz..1 kHz	≤ 1%	P01.1200.05A
	Y7N		1 A...1200 A Spitze			●			1 V AC			●	1 A/1 mV				5 Hz..10 kHz	≤ 2%	P01.1200.75
	C100		0.1...1200 A			●		1 A AC			●		1000/1				30 Hz..10 kHz	≤ 0.5%	P01.1203.01
	C102		0.1...1200 A			●		1 A AC			●		1000/1	●			30 Hz..10 kHz	≤ 0.5%	P01.1203.02
	C103		0.1...1200 A			●		1 A AC		●			1000/1	●			30 Hz..10 kHz	≤ 0.5%	P01.1203.03
	C106		0.1...1200 A			●			1 V AC		●		1 A/1 mV				30 Hz..10 kHz	≤ 0.5%	P01.1203.04
	C107		0.1...1200 A			●			1 V AC	●			1 A/1 mV				30 Hz..10 kHz	≤ 0.5%	P01.1203.05
	C112		1 mA...1200 A			●		1 A AC			●		1000/1	●		●	30 Hz..10 kHz	≤ 0.3%	P01.1203.14
	C113		1 mA...1200 A			●		1 A AC		●			1000/1	●		●	30 Hz..10 kHz	≤ 0.3%	P01.1203.15
	C122		1...1200 A			●		5 A AC			●		1000/5	●			30 Hz..10 kHz	≤ 1%	P01.1203.06
	C148		1...300 A 1...600 A 1...1200 A			●		5 A AC			●		250/5 500/5 1000/5	●			48 Hz..1 kHz	≤ 2% ≤ 1% ≤ 1%	P01.1203.07
	C160		0.1...30 A Spitze 0.1...300 A Spitze 1...2000 A Spitze			●			3 V Spitze 3 V Spitze 2 V Spitze			●	10 A/1 V 100 A/1 V 1000 A/1 V				10 Hz..100 kHz	≤ 3% ≤ 2% ≤ 1%	P01.1203.08
	C173		1 mA...1.2 A 0.01...12 A 0.1...120 A 1...1200 A			●			1 V AC	●			1 A/1 V 10 A/1 V 100 A/1V 1000 A/1 V				10 Hz..3 kHz	≤ 0.7% ≤ 0.5% ≤ 0.3% ≤ 0.2%	P01.1203.09
	D30N			1 A...3600 A		●		1 A AC			●		3000/1	●		●	30 Hz..5 kHz	≤ 0.5%	P01.1200.49A
	D30CN			1 A...3600 A		●		1 A AC		●			3000/1	●		●	30 Hz..5 kHz	≤ 0.5%	P01.1200.64
	D31N		1...600 A 1...1200 A 1...1800 A			●		1 A AC			●		500/1 1000/1 1500/1	●			30 Hz..1.5 kHz	≤ 3% ≤ 1% ≤ 0.5%	P01.1200.50A
	D32N		1...1200 A 1...2400 A 1...3600 A			●		1 A AC			●		1000/1 2000/1 3000/1	●		●	30 Hz..1 kHz	≤ 1% ≤ 0.5% ≤ 0.5%	P01.1200.51A
	D33N			1...3600 A		●		5 A AC			●		3000/5				30 Hz..5 kHz	≤ 1%	P01.1200.52A
	D34N		1...600 A 1...1200 A 1...1800 A			●		5 A AC			●		500/5 1000/5 1500/5				30 Hz..1.5 kHz	≤ 3% ≤ 1% ≤ 0.5%	P01.1200.53A
	D35N		1...1200 A 1...2400 A 1...3600 A			●		5 A AC			●		1000/5 2000/5 3000/5			●	30 Hz..1.5 kHz	≤ 1% ≤ 0.5% ≤ 0.5%	P01.1200.54A
	D36N			1...3600 A		●		3 A AC			●		3000/3	●		●	30 Hz..5 kHz	≤ 0.5%	P01.1200.55A
	D37N		0.1...36 A RMS 1...360 A RMS 1...3600 A RMS			●			3 V AC		●		30 A/3 V 300 A/3 V 3000 A/3 V				30 Hz..5 kHz	≤ 2%	P01.1200.56A
	D38N		1...90 A Spitze 1...900 A Spitze 1...9000 A Spitze			●			1 V AC			●	1 A/10 mV 1 A/1 mV 1 A/0.1 mV				30 Hz..50 kHz	≤ 2%	P01.1200.57A
	B102		0.5 mA...4 A 0.5 mA...400 A			●			4 V AC 0.4 V AC	●			1 mA/1 mV 1 A/1 mV				10 Hz..1kHz	≤0.5% ≤0.35%	P01.1200.83

(1) Der obere Wert entspricht 120% des max. Nennwerts. (2) AC-Signale werden durch Dioden gerichtet. (3) bei Bezugsbedingungen / Einzeldaten auf Anfrage

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