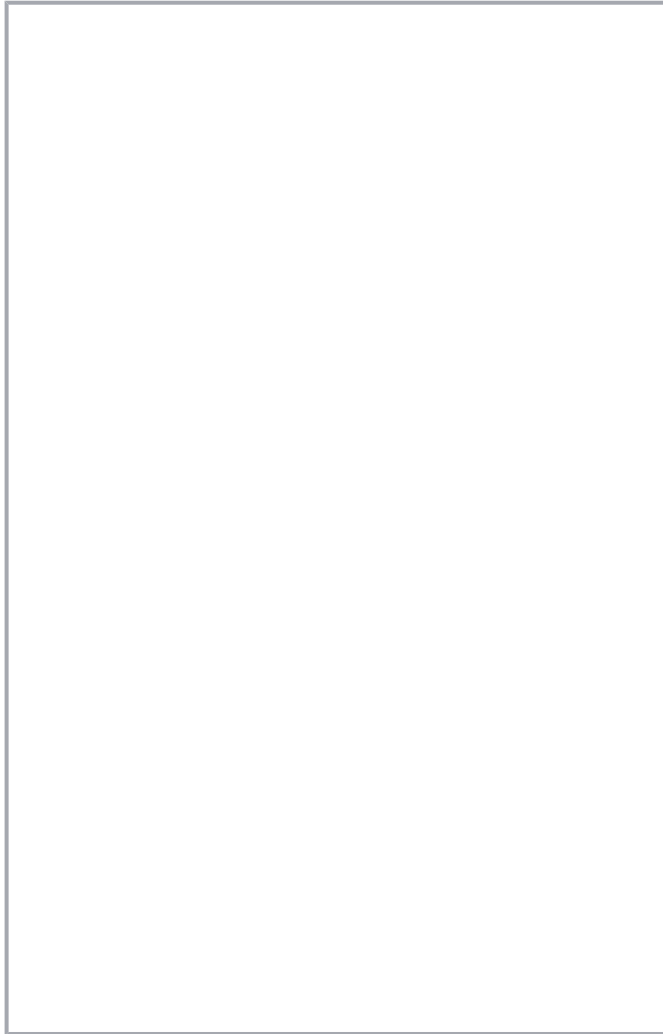


Data sheet | Item number: 855-1700/032-000

Plug-in current transformer; Primary rated current 32 A; Secondary rated current 320 mA



www.wago.com/855-1700/032-000



Item description

Short description:

WAGO's *picoMAX*[®] plug-in current transformer with low-power output is specifically tailored to WAGO's 750 Series 3-Phase Power Measurement Modules.

Features:

- All-new, low-power output design with *picoMAX*[®]

Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.



- Assembly via side latches
- Can be mounted directly on an ECB

Data

Notes

- Note
- The 855-1700/032-000 Plug-In Current Transformer is exclusive to the WAGO I/O System and shall only be used with WAGO's 750 Series 3-Phase Power Measurement Modules.
 - Recommended conductor cross-section and length: 1.5 mm² (14 AWG) and maximum 3.0 m at the output
 - Measurement range: 0.8 to 32 A in combination with the 3-Phase Power Measurement Modules (750-493/-494/-495)
 - Testing adheres to EN 61869-2 with a conversion ratio of 16 A/0.16 A (accuracy class: 0.5) and an extended primary current of 200%.

Technical data

Input – current transformer

Primary rated current	32 A
Rated short-time thermal current I_{th}	2 kA / 0.1 s
Rated surge current I_{dyn}	2.5 x I_{th}
Rated frequency	50 ... 60 Hz

Output – current transformer

Secondary rated current	0.32 A
Rated power S_r	0.01 VA

Measurement error

Accuracy class	0.5
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Safety and protection

Highest voltage for equipment U_m	AC 720 V _{rms}
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Subject to changes. Please also observe the further product documentation!



Protection type	IP20
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Test voltage

Test voltage	AC 3 kV; 50 Hz; 1 min
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Connection data

Connection technology	Push-in CAGE CLAMP®
WAGO connector	<i>picoMAX</i> ® 3.5, 2091-1122
Solid conductor	0.2 ... 1.5 mm ² / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 1.5 mm ² / 24 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Feedthrough for measurement conductor	Ø 5.0 mm

Physical data

Width	17 mm / 0.669 inches
Height	34 mm / 1.339 inches
Depth	23 mm / 0.906 inches

Mechanical data

Mounting type	Installation on round cable Closed current transformer Mounting on round cable
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Material data

Insulation class	E
Housing material	PA 66
Weight	11 g

Environmental requirements

Ambient temperature (operation)	-10 ... +55 °C
Surrounding air temperature (storage)	-20 ... +70 °C
Relative humidity	5 ... 85 % (without condensation)
Operating altitude (max.)	2000 m

Subject to changes. Please also observe the further product documentation!



Standards and specifications


Standards/specifications	EN 61869-2 EN 61010-1
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Commercial data

eCl@ss 10.0	27-21-09-02
eCl@ss 9.0	27-21-09-02
ETIM 8.0	EC002048
ETIM 7.0	EC002048
PU (SPU)	15 (1) Stück
Packaging type	box
Country of origin VKOrg Germany	NL
GTIN	4055143333436
Customs tariff number VKOrg Germany	85043129900

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 004/2011, TP TC 020/2011	EAC RU C-DE.AM02. B.00111 /19

Optional accessories

Tool

Operating tool	Item no.: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-719
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Downloads

Documentation

Bid Text

855-1700/032-000 X81 - Datei	2019 年2月19 日	xml 5.3 kB	Download
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Subject to changes. Please also observe the further product documentation!

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855-1700/032-000

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Instruction Leaflet

Aufsteck-Stromwandler mit picoMAX - Steckverbinder

pdf
328.4 kB

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Additional Information

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

pdf
265.8 kB

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CAD/CAE-Data

CAE data

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Installation Notes

Conductor termination

Subject to changes. Please also observe the further product documentation!

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Push-in termination of solid conductors and fine-stranded conductors with ferrules



Universal connection for fine-stranded conductors

Installation



Just slide together.



Side-by-side assembly



To save space, mount directly above the circuit breaker.

Subject to changes. Please also observe the further product documentation!