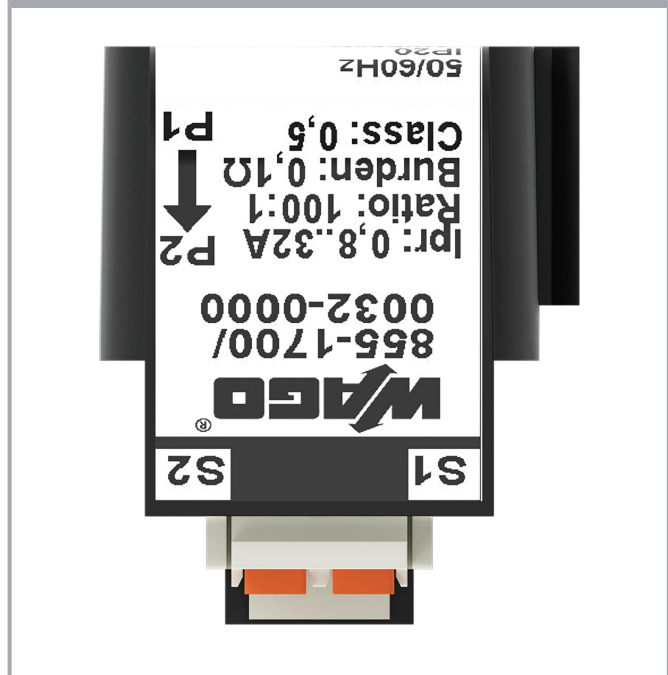
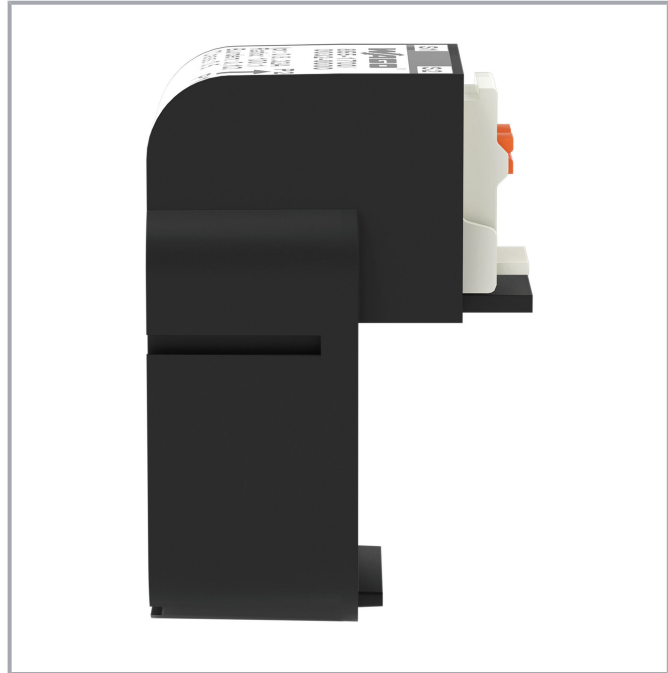


Data sheet | Item number: 855-1700/032-000

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



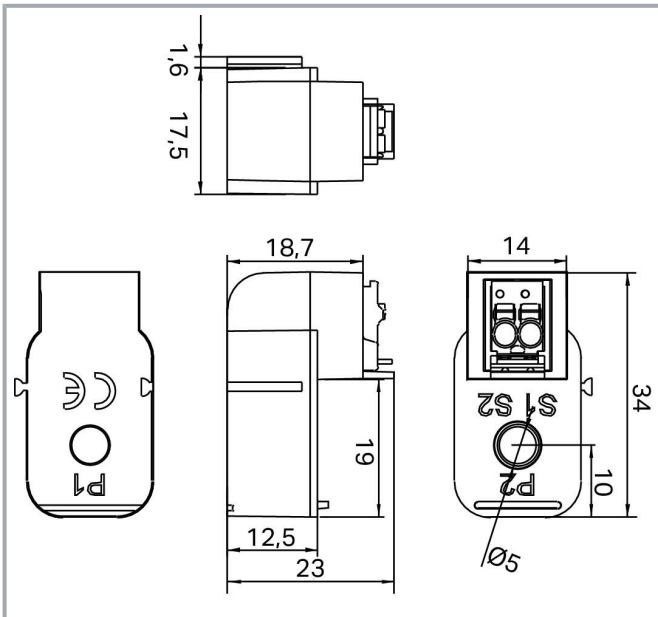
www.wago.com/855-1700/032-000



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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



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*[®]
- Assembly via side latches
- Can be mounted directly on an ECB

Data

Notes

Note

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



- 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 Transformers

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}
Protection type	IP20

Test voltage

Test voltage	AC 3 kV; 50 Hz; 1 min
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Subject to changes. Please also observe the further product documentation!



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

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


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

Environmental Product Compliance


RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General 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

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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

Downloads

Documentation

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

**Bid Text**

855-1700/032-000 X81 - Datei	2019 Feb 19	xml 5.3 kB	Download
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855-1700/032-000 doc - Datei	2016 Jan 8	doc 33.3 kB	Download
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Instruction Leaflet

Aufsteck-Stromwandler mit picoMAX - Steckverbinder		pdf 328.4 kB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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CAD/CAE-Data**CAE data**

EPLAN Data Portal 855-1700/032-000		URL	Download
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WSCAD Universe 855-1700/032-000		URL	Download
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WSCAD Universe 855-1700/032-000		URL	Download
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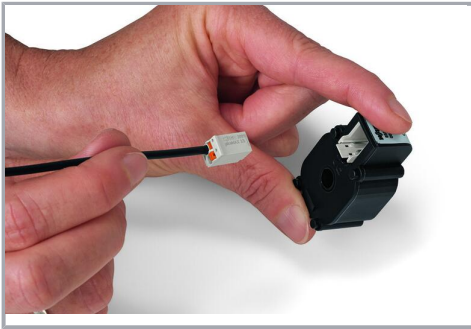
EPLAN Data Portal 855-1700/032-000		URL	Download
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Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 855-1700/032-000 Plug-in current transformer; Primary rated current 32 A; Secondary rated current 320 mA		URL	Download
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Installation Notes**Conductor termination**

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



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!