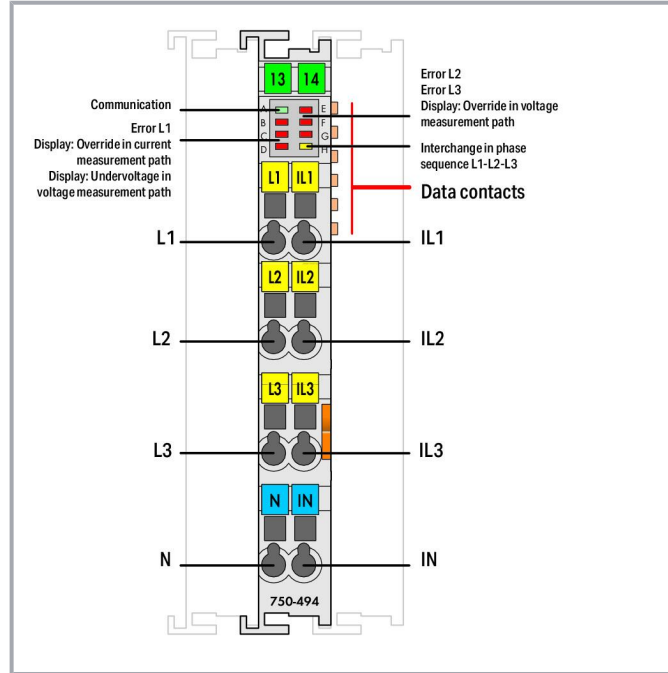


**Data sheet | Item number: 750-494/025-000**  
**3-Phase Power Measurement; 480 VAC, 1 A; Ext. Temperature**



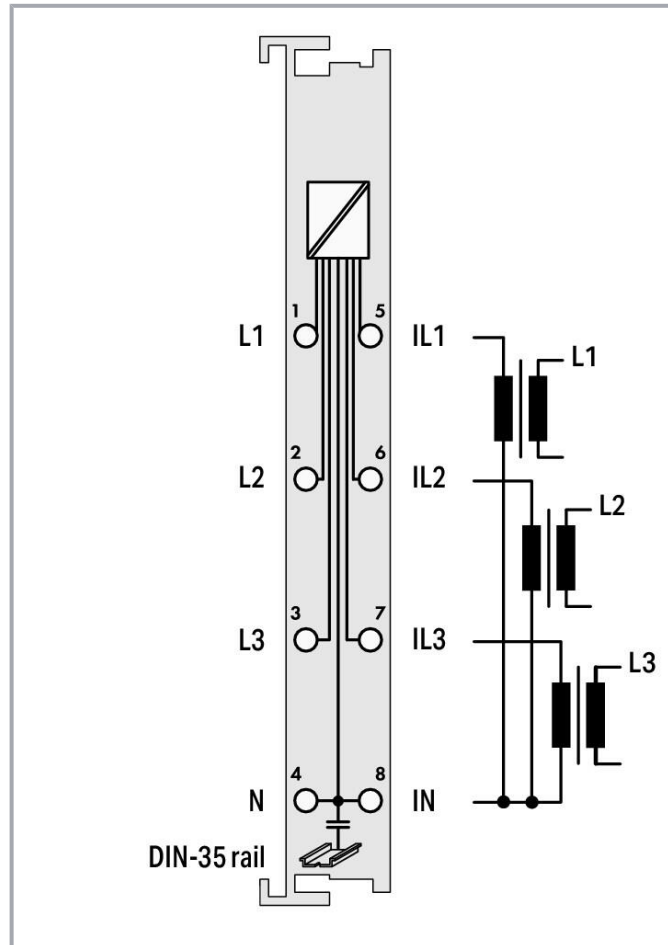
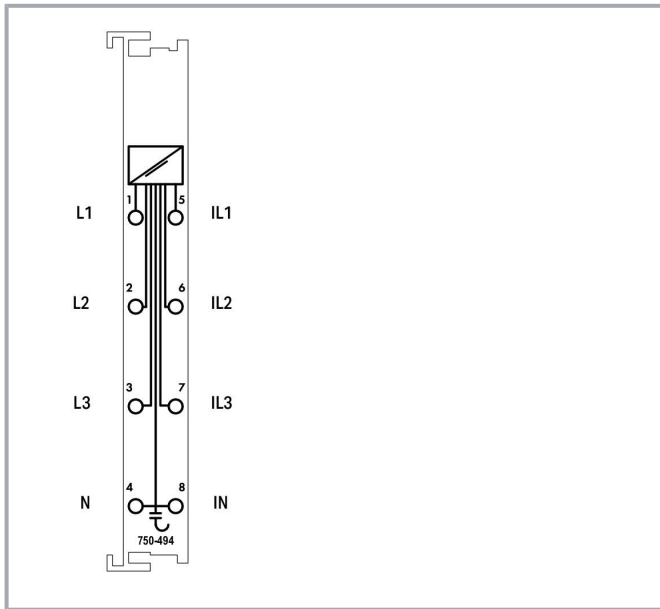
[www.wago.com/750-494/025-000](http://www.wago.com/750-494/025-000)



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

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## Item description

The 750-494 3-Phase Power Measurement Module measures electrical data in a three-phase supply network.

The voltage is measured via network connection to clamping points L1, L2, L3 and N.

The current of the three phases is fed to IL1, IL2, IL3, and IN via current transformers.

The 3-phase power measurement module transmits all metrics (e.g., reactive/apparent/effective power, energy consumption, power factor, phase angle, frequency, over-/undervoltage) directly to the process image, without requiring high computing power from the controller. Both comprehensive metrics and harmonic analysis up to the 41st harmonic permit extensive network analysis via the fieldbus. These metrics enable the operator to optimize supply to a drive or machine, protecting the system from damage and failure. The four-quadrant display indicates the load type (inductive, capacitive) and whether it is an energy consumer or producer.

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



## Data

### Technical data

Number of measurement inputs	6 (3 voltage measurement inputs, 3 current measurement inputs)
Signal type	Power measurement
Signal form	Any periodic signals (considering the threshold frequencies)
Resolution [bit]	24 bits
Data width	2 x 128-bit data; 2 x 64-bit control/status
Voltage path input resistance (typ.)	1072 k $\Omega$
Current path input resistance (typ.)	22 m $\Omega$
Reference for measurement error	AC current/voltage
Measurement error (reference temperature)	25 °C
Measurement error, deviation (max.) from the upper-range value	0.5 %
Measurement current (max.)	1 A
Measurement cycle time	Adjustable for the arithmetic mean value, min./max. values
Frequency range (mains frequency)	45 ... 65 Hz
Frequency range (harmonics analysis)	0 ... 3300 Hz
Limit frequency	15.9 kHz
Rated voltage	$U_{LN} = 277 \text{ VAC/DC}$ ; $U_{LL} = 480 \text{ VAC}$
Calculated values	Line-to-line voltage, power output, energy, power factors, mains frequency, harmonic analysis (up to the 41st harmonic), THD
Measurement components	Evaluating
Measurement method	True RMS measurement
Configuration options	WAGO-I/O-CHECK CODESYS Library <i>e!COCKPIT</i>
Supply voltage (system)	5 VDC; via data contacts
Current consumption (5 V system supply)	100 mA
Isolation	4 kV system/field
Rated surge voltage	4 kV
Indicators	LED (A) green: Communication; LED (B-G) red: Error L1, Display: Override in current measurement path, Display: Undervoltage in voltage measurement path, Error L2, Error L3, Display: Override in voltage measurement path; LED (H) yellow: Interchange in phase sequence L1-L2-L3

### Connection data

Connection technology: inputs/outputs	8 x CAGE CLAMP®
---------------------------------------	-----------------

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



Connection type 1	Inputs/Outputs
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

## Physical data

Width	12 mm / 0.472 inches
Height	100 mm / 3.937 inches
Depth	67.8 mm / 2.669 inches
Depth from upper-edge of DIN-rail	60.6 mm / 2.386 inches

## Mechanical Data

Mounting type	DIN-35 rail
---------------	-------------

## Material Data

Housing material	Polycarbonate; polyamide 6.6
Fire load	0.953 MJ
Weight	48.8 g
Conformity marking	CE

## Environmental requirements

Ambient temperature (operation)	-20 ... +60 °C
Ambient temperature (storage)	-40 ... +85 °C
Protection type	IP20
Pollution degree	2
Operating altitude	0 ... 2000 m / 0 ... 6562 ft
Mounting position	horizontal (standing/lying); vertical
Relative humidity (without condensation)	95 %
Relative humidity (with condensation)	Short-term condensation per Class 3K6/IEC EN 60721-3-3 and E-DIN 40046-721-3, accounting for a temperature range of -20 to +60 °C (except for wind-driven precipitation, water and ice formation)
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	per EN 61000-6-2
EMC emission of interference	per EN 61000-6-3
Exposure to pollutants	Per IEC 60068-2-42 and IEC 60068-2-43 10 ppm

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Permissible H<sub>2</sub>S contaminant concentration at a relative humidity 75

%

Permissible SO<sub>2</sub> contaminant concentration at a relative humidity 75 25 ppm

%

## Commercial data

Product Group	15 (I/O System)
eCl@ss 10.0	27-24-26-05
eCl@ss 9.0	27-24-26-05
ETIM 8.0	EC001601
ETIM 7.0	EC001601
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821836230
Customs tariff number	85389099990

## Environmental Product Compliance

CAS-No.	1314-23-4 1317-36-8 7439-92-1
REACH Candidate List Substance	Lead Lead monoxide Zirconium Oxide
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Bulgaria)	339cdbd9-fad6-403a-92d8-f13703bb5e17
SCIP notification number (Czech Republic)	454e1fd8-e9a4-4591-8d07-f6caa34bfee3

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02.B.00087

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






UL  
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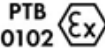



UL 508

E175199  
Sec.1

## Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	<b>BSH</b> Bundesamt fuer Seeschifffahrt und Hydrographie	-	1104
	<b>DNV</b> DNV Germany GmbH	DNV-CG-0339,Aug.2021	TAA00001J4
	<b>RINA</b> RINA Germany GmbH	-	ELE343521XG001

## Approvals for hazardous areas

Logo	Approval	Additional Approval Text	Certificate name
	<b>ATEX</b> TUEV Nord Cert GmbH	EN 60079-0	TUEV_14_ATEX_148929_X (II 3 G Ex ec IIC T4 Gc)
	<b>CCC</b> CNEX	CNCA-C23-01	2020312310000213 (Ex ec IIC T4 Gc)
	<b>EAC</b> Brjansker Zertifizierungsstelle	TP TC 012/2011	EAC RU C-DE.AM02.B.00163 /19 (2Ex e IIC T4 Gc X)
	<b>IECEX</b> TUEV Nord Cert GmbH	IEC 60079-0	IECEX TUN 14.0035 X (Ex ec IIC T4 Gc)
	<b>INMETRO</b> TÜV Rheinland do Brasil Ltda.	IEC 60079-0	BR-Ex_TÜV 12.1297 X

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DEKRA 8505



UKEx  
WAGO GmbH & Co. KG

EN 60079-0

UKCA\_WAGO22UKEX003X\_ec



UL  
Underwriters Laboratories Inc. (HAZARDOUS  
LOCATIONS)

UL 121201

E198726 Sec.1

## Optional accessories

### System housing

#### System enclosure



**Item no.: 850-814/002-000**  
IP65 enclosure; Sheet steel (RAL 7035); WxHxD (200x120x200 mm); without flange plate

[www.wago.com/850-814/002-000](http://www.wago.com/850-814/002-000)



**Item no.: 850-815/002-000**  
IP65 enclosure; Sheet steel (RAL 7035); WxHxD (300x120x200 mm); without flange plate

[www.wago.com/850-815/002-000](http://www.wago.com/850-815/002-000)



**Item no.: 850-816/002-000**  
IP65 enclosure; Sheet steel (RAL 7035); WxHxD (400x120x200 mm); without flange plate

[www.wago.com/850-816/002-000](http://www.wago.com/850-816/002-000)



**Item no.: 850-817/002-000**  
IP65 enclosure; Sheet steel (RAL 7035); WxHxD (600x120x200 mm); without flange plate

[www.wago.com/850-817/002-000](http://www.wago.com/850-817/002-000)



**Item no.: 850-825**  
IP65 enclosure; Aluminium (RAL 7032); WxHxD (160x100x160 mm); 9 x M12, 4 x M20

[www.wago.com/850-825](http://www.wago.com/850-825)



**Item no.: 850-826**  
IP65 enclosure; Aluminium (RAL 7032); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip

[www.wago.com/850-826](http://www.wago.com/850-826)



**Item no.: 850-827**  
IP65 enclosure; Aluminium (RAL 7032); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip

[www.wago.com/850-827](http://www.wago.com/850-827)



**Item no.: 850-827/002-000**  
IP65 enclosure; Aluminium (RAL 7035); WxHxD (320x100x160 mm); 4 x M20, 8 x M16, 17 x M12 cable grip

[www.wago.com/850-827/002-000](http://www.wago.com/850-827/002-000)

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**Item no.: 850-826/002-000**

IP65 enclosure; Aluminium (RAL 7035); WxHxD (240x100x160 mm); 4 x M20, 4 x M16, 14 x M12 cable grip

[www.wago.com/850-826/002-000](http://www.wago.com/850-826/002-000)



**Item no.: 850-828/002-000**

IP65 enclosure; Aluminium (RAL 7035); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip

[www.wago.com/850-828/002-000](http://www.wago.com/850-828/002-000)



**Item no.: 850-828**

IP65 enclosure; Aluminium (RAL 7032); WxHxD (480x100x160 mm); 4 x M20, 10 x M16, 35 x M12 cable grip

[www.wago.com/850-828](http://www.wago.com/850-828)



**Item no.: 850-834**

IP65 enclosure; Polyester (RAL 7032); WxHxD (164x100x164 mm); 9 x M12, 4 x M20

[www.wago.com/850-834](http://www.wago.com/850-834)



**Item no.: 850-835**

IP65 enclosure; Polyester (RAL 7032); WxHxD (244x100x164 mm); 4 x M20, 4 x M16, 14 x M12 cable grip

[www.wago.com/850-835](http://www.wago.com/850-835)



**Item no.: 850-836**

IP65 enclosure; Polyester (RAL 7032); WxHxD (324x100x164 mm); 4 x M20, 8 x M16, 17 x M12 cable grip

[www.wago.com/850-836](http://www.wago.com/850-836)

**Current transformers**

Split-core current transformer



**Item no.: 855-4101/200-001**

Split-core current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m

[www.wago.com/855-4101/200-001](http://www.wago.com/855-4101/200-001)



**Item no.: 855-4101/250-001**

Split-core current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m

[www.wago.com/855-4101/250-001](http://www.wago.com/855-4101/250-001)



**Item no.: 855-4101/400-001**

Split-core current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m

[www.wago.com/855-4101/400-001](http://www.wago.com/855-4101/400-001)



**Item no.: 855-5001/1000-000**

Split-core current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 5 m

[www.wago.com/855-5001/1000-000](http://www.wago.com/855-5001/1000-000)



**Item no.: 855-5001/250-001**

Split-core current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 1; Cable length: 5 m

[www.wago.com/855-5001/250-001](http://www.wago.com/855-5001/250-001)



**Item no.: 855-5001/400-000**

Split-core current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 5 m

[www.wago.com/855-5001/400-000](http://www.wago.com/855-5001/400-000)

**Item no.: 855-3001/200-001**

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	Split-core current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m	<a href="http://www.wago.com/855-3001/200-001">www.wago.com/855-3001/200-001</a>
	<b>Item no.: 855-3001/250-001</b> Split-core current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m	<a href="http://www.wago.com/855-3001/250-001">www.wago.com/855-3001/250-001</a>
	<b>Item no.: 855-3001/060-003</b> Split-core current transformer; Primary rated current: 60 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 3; Cable length: 3 m	<a href="http://www.wago.com/855-3001/060-003">www.wago.com/855-3001/060-003</a>
	<b>Item no.: 855-5001/600-000</b> Split-core current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 5 m	<a href="http://www.wago.com/855-5001/600-000">www.wago.com/855-5001/600-000</a>
	<b>Item no.: 855-5101/1000-000</b> Split-core current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 0.5 VA; Accuracy class: 0.5; Cable length: 5 m	<a href="http://www.wago.com/855-5101/1000-000">www.wago.com/855-5101/1000-000</a>
	<b>Item no.: 855-4001/100-001</b> Split-core current transformer; Primary rated current: 100 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m	<a href="http://www.wago.com/855-4001/100-001">www.wago.com/855-4001/100-001</a>
	<b>Item no.: 855-4001/150-001</b> Split-core current transformer; Primary rated current: 150 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1; Cable length: 3 m	<a href="http://www.wago.com/855-4001/150-001">www.wago.com/855-4001/150-001</a>
	<b>Item no.: 855-4001/200-001</b> Split-core current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; Cable length: 3 m	<a href="http://www.wago.com/855-4001/200-001">www.wago.com/855-4001/200-001</a>
	<b>Item no.: 855-3001/100-003</b> Split-core current transformer; Primary rated current: 100 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 3; Cable length: 3 m	<a href="http://www.wago.com/855-3001/100-003">www.wago.com/855-3001/100-003</a>

Current transformer terminal block

	<b>Item no.: 2007-8875</b> Compact terminal block; for current transformer circuit; 6,00 mm <sup>2</sup> ; multicoloured	<a href="http://www.wago.com/2007-8875">www.wago.com/2007-8875</a>
	<b>Item no.: 2007-8873</b> Compact terminal block; for current and voltage transformers; 6,00 mm <sup>2</sup> ; multicoloured	<a href="http://www.wago.com/2007-8873">www.wago.com/2007-8873</a>

Plug-in current transformer

**Item no.: 855-301/075-201**

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



Plug-in current transformer; Primary rated current: 75 A; Secondary rated current: 1 A; Rated power: 2.5 VA; Accuracy class: 1

[www.wago.com/855-301/075-201](http://www.wago.com/855-301/075-201)



**Item no.: 855-301/150-501**

Plug-in current transformer; Primary rated current: 150 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

[www.wago.com/855-301/150-501](http://www.wago.com/855-301/150-501)



**Item no.: 855-301/200-501**

Plug-in current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

[www.wago.com/855-301/200-501](http://www.wago.com/855-301/200-501)



**Item no.: 855-301/400-1001**

Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-301/400-1001](http://www.wago.com/855-301/400-1001)



**Item no.: 855-301/050-103**

Plug-in current transformer; Primary rated current: 50 A; Secondary rated current: 1 A; Rated power: 1.25 VA; Accuracy class: 3

[www.wago.com/855-301/050-103](http://www.wago.com/855-301/050-103)



**Item no.: 855-301/100-201**

Plug-in current transformer; Primary rated current: 100 A; Secondary rated current: 1 A; Rated power: 2.5 VA; Accuracy class: 1

[www.wago.com/855-301/100-201](http://www.wago.com/855-301/100-201)



**Item no.: 855-301/250-501**

Plug-in current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

[www.wago.com/855-301/250-501](http://www.wago.com/855-301/250-501)



**Item no.: 855-301/600-1001**

Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-301/600-1001](http://www.wago.com/855-301/600-1001)



**Item no.: 855-801/2000-1001**

Plug-in current transformer; Primary rated current: 2000 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-801/2000-1001](http://www.wago.com/855-801/2000-1001)



**Item no.: 855-2701/035-001**

Plug-in current transformer; Primary rated current: 35 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1

[www.wago.com/855-2701/035-001](http://www.wago.com/855-2701/035-001)



**Item no.: 855-1001/2500-1001**

Plug-in current transformer; Primary rated current: 2500 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-1001/2500-1001](http://www.wago.com/855-1001/2500-1001)

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

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**Item no.: 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](http://www.wago.com/855-1700/032-000)



**Item no.: 855-301/060-101**  
Plug-in current transformer; Primary rated current: 60 A; Secondary rated current: 1 A; Rated power: 1.25 VA; Accuracy class: 1

[www.wago.com/855-301/060-101](http://www.wago.com/855-301/060-101)



**Item no.: 855-2701/064-001**  
Plug-in current transformer; Primary rated current: 64 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 1

[www.wago.com/855-2701/064-001](http://www.wago.com/855-2701/064-001)



**Item no.: 855-501/1000-1001**  
Plug-in current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-501/1000-1001](http://www.wago.com/855-501/1000-1001)



**Item no.: 855-601/1500-501**  
Plug-in current transformer; Primary rated current: 1500 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

[www.wago.com/855-601/1500-501](http://www.wago.com/855-601/1500-501)



**Item no.: 855-401/600-501**  
Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-401/600-501](http://www.wago.com/855-401/600-501)



**Item no.: 855-401/400-501**  
Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

[www.wago.com/855-401/400-501](http://www.wago.com/855-401/400-501)



**Item no.: 855-501/800-1001**  
Plug-in current transformer; Primary rated current: 800 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-501/800-1001](http://www.wago.com/855-501/800-1001)



**Item no.: 855-501/400-1001**  
Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-501/400-1001](http://www.wago.com/855-501/400-1001)



**Item no.: 855-501/600-1001**  
Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1

[www.wago.com/855-501/600-1001](http://www.wago.com/855-501/600-1001)



**Item no.: 855-401/250-501**  
Plug-in current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1

[www.wago.com/855-401/250-501](http://www.wago.com/855-401/250-501)










**Item no.: 855-801/1000-1001**  
Plug-in current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1







[www.wago.com/855-801/1000-1001](http://www.wago.com/855-801/1000-1001)

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

## Shield termination













Shield clamping saddles		
	<b>Item no.: 790-116</b> Shield clamping saddle; 19 mm wide; diameter of compatible conductor; 7 ... 16 mm	<a href="http://www.wago.com/790-116">www.wago.com/790-116</a>
	<b>Item no.: 790-124</b> Shield clamping saddle; 27 mm wide; diameter of compatible conductor; 6 ... 24 mm	<a href="http://www.wago.com/790-124">www.wago.com/790-124</a>
	<b>Item no.: 790-108</b> Shield clamping saddle; 11 mm wide; diameter of compatible conductor; 3 ... 8 mm	<a href="http://www.wago.com/790-108">www.wago.com/790-108</a>
	<b>Item no.: 790-140</b> Shield clamping saddle; diameter of compatible conductor	<a href="http://www.wago.com/790-140">www.wago.com/790-140</a>
	<b>Item no.: 790-216</b> Shield clamping saddle; 21.8 mm wide; 6 ... 16 mm	<a href="http://www.wago.com/790-216">www.wago.com/790-216</a>
	<b>Item no.: 790-220</b> Shield clamping saddle; 30 mm wide; 6 ... 20 mm	<a href="http://www.wago.com/790-220">www.wago.com/790-220</a>
	<b>Item no.: 790-208</b> Shield clamping saddle; 12.4 mm wide; 3 ... 8 mm	<a href="http://www.wago.com/790-208">www.wago.com/790-208</a>

## Marking accessories

Marker carrier		
	<b>Item no.: 750-103</b> Group marker carrier	<a href="http://www.wago.com/750-103">www.wago.com/750-103</a>
Marker		
	<b>Item no.: 2009-145/000-006</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	<a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a>
	<b>Item no.: 2009-145</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>
	<b>Item no.: 2009-145/000-002</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a>
	<b>Item no.: 2009-145/000-007</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a>
	<b>Item no.: 2009-145/000-005</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	<a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a>

**Item no.: 2009-145/000-012**

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

	Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	<a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a>
	<b>Item no.: 2009-145/000-023</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a>
	<b>Item no.: 2009-145/000-024</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a>
	<b>Item no.: 248-501/000-006</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue	<a href="http://www.wago.com/248-501/000-006">www.wago.com/248-501/000-006</a>
	<b>Item no.: 248-501/000-007</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray	<a href="http://www.wago.com/248-501/000-007">www.wago.com/248-501/000-007</a>
	<b>Item no.: 248-501/000-002</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow	<a href="http://www.wago.com/248-501/000-002">www.wago.com/248-501/000-002</a>
	<b>Item no.: 248-501/000-012</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange	<a href="http://www.wago.com/248-501/000-012">www.wago.com/248-501/000-012</a>
	<b>Item no.: 248-501</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/248-501">www.wago.com/248-501</a>
	<b>Item no.: 248-501/000-017</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green	<a href="http://www.wago.com/248-501/000-017">www.wago.com/248-501/000-017</a>
	<b>Item no.: 248-501/000-005</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red	<a href="http://www.wago.com/248-501/000-005">www.wago.com/248-501/000-005</a>
	<b>Item no.: 248-501/000-024</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet	<a href="http://www.wago.com/248-501/000-024">www.wago.com/248-501/000-024</a>
	<b>Item no.: 248-501/000-023</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green	<a href="http://www.wago.com/248-501/000-023">www.wago.com/248-501/000-023</a>
Group marker carrier		

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







**Item no.: 750-107**  
Group marker carrier

[www.wago.com/750-107](http://www.wago.com/750-107)




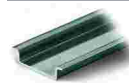





### Voltage tap

#### Power tap

	<b>Item no.: 855-8001</b> Power tap; with fuse; 2,5 mm <sup>2</sup> (12 AWG) - 6 mm <sup>2</sup> (10 AWG); Phase	<a href="http://www.wago.com/855-8001">www.wago.com/855-8001</a>
	<b>Item no.: 855-8002</b> Power tap; without fuse; 2,5 mm <sup>2</sup> (12 AWG) - 6 mm <sup>2</sup> (10 AWG); N-conductor	<a href="http://www.wago.com/855-8002">www.wago.com/855-8002</a>
	<b>Item no.: 855-8004</b> Power tap; without fuse; 10 mm <sup>2</sup> (8 AWG) - 16 mm <sup>2</sup> (6 AWG); N-conductor	<a href="http://www.wago.com/855-8004">www.wago.com/855-8004</a>
	<b>Item no.: 855-8003</b> Power tap; with fuse; 10 mm <sup>2</sup> (8 AWG) - 16 mm <sup>2</sup> (6 AWG); Phase	<a href="http://www.wago.com/855-8003">www.wago.com/855-8003</a>

### Carrier rail

#### Mounting accessories

	<b>Item no.: 210-197</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-197">www.wago.com/210-197</a>
	<b>Item no.: 210-198</b> Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored	<a href="http://www.wago.com/210-198">www.wago.com/210-198</a>
	<b>Item no.: 210-504</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-504">www.wago.com/210-504</a>
	<b>Item no.: 210-505</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-505">www.wago.com/210-505</a>
	<b>Item no.: 210-506</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-506">www.wago.com/210-506</a>
	<b>Item no.: 210-508</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-508">www.wago.com/210-508</a>
	<b>Item no.: 210-113</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-113">www.wago.com/210-113</a>
	<b>Item no.: 210-118</b> Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-118">www.wago.com/210-118</a>
	<b>Item no.: 210-112</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored	<a href="http://www.wago.com/210-112">www.wago.com/210-112</a>

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



**Item no.: 210-114**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

[www.wago.com/210-114](http://www.wago.com/210-114)



**Item no.: 210-115**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored

[www.wago.com/210-115](http://www.wago.com/210-115)



**Item no.: 210-196**

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

[www.wago.com/210-196](http://www.wago.com/210-196)

**Potential distribution**

Current and voltage tap



**Item no.: 855-951/250-000**

Current and voltage tap up to 95 mm<sup>2</sup>; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; fused

[www.wago.com/855-951/250-000](http://www.wago.com/855-951/250-000)

**Downloads**

**Documentation**

**Manual**

System Manual WAGO I/O System 750/753 Decentralized Automation Technology	V 3.3.0 2023 May 4	pdf 8.8 MB	Download
Product Manual 3-Phase Power Measurement Module 480 V	V 1.2.0	pdf 4.8 MB	Download
System Manual Series 750/753 Online HTML		URL	Download

**Bid Text**

750-494/025-000 X81 - Datei	2019 Feb 19	xml 6.3 kB	Download
750-494/025-000 doc - Datei	2017 Oct 20	doc 31.2 kB	Download

**Instruction Leaflet**

CCC Ex (Additional information) WAGO-I/O-SYSTEM *750-****/*	2023 Apr 26	pdf 163.6 kB	Download
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**System Description**

Overview on WAGO-I/O-SYSTEM 750 approvals

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750/753 Series I/O-System – General Product Information		pdf 1.7 MB	Download
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<b>Additional Information</b>			
Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download

## Application Notes

### Application Note e!COCKPIT

e!COCKPIT Application Note WagoAppPowerMeasurement This Application Note describes the use of the library WagoAppPowerMeasurement under different boundary conditions.	2021-11-08 2021 Dec 6	pdf 953.0 kB	Download
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## Libraries

### Library

Bausteinbeschreibung für die PowerMeasurement_494_02.lib	4.1.2	zip	Download
Bausteinbeschreibungen für die 3-Phasen-Leistungsmessklemme 750-494	2020 Jun 23	1.9 MB	

## CAD/CAE-Data

### CAD data

2D/3D Models 750-494/025-000	URL	Download
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### CAE data

EPLAN Data Portal 750-494/025-000	URL	Download
WSCAD Universe 750-494/025-000	URL	Download
ZUKEN Portal 750-494/025-000	URL	Download
WSCAD Universe 750-494/025-000	URL	Download
EPLAN Data Portal 750-494/025-000	URL	Download

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## Environmental Product Compliance

### Compliance Search

	URL	Download
Environmental Product Compliance 750-494/025-000 3-Phase Power Measurement; 480 VAC, 1 A; Ext. Temperature		

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## Installation Notes

### Product family

**WAGO I/O System 750/753**  
[Show all products from the family](#)

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