

## Element beskrivelse

The 750-493 3-Phase Power Measurement Module measures the electrical data in a three-phase supply network.

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

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

The 750-493 Module transmits the root mean square values into the process image without requiring high computing power from the controller. For each phase, the effective power (P) and the energy consumption (W) are calculated by the module using the root mean square values for all measured voltages (V) and currents (I). For example, both the apparent power (S) and phase shift angle ( $\phi$ ) can be easily derived from these values.

Med forbehold om endringer. Vær også oppmerksom på ytterligere produktdokumentasjon!

WAGO Norge AS  
Jerikoveien 20  
1067 Oslo  
Tel.: +47 22 30 94 60 | Fax: +47 22 30 94 51  
Email: [info.no@wago.com](mailto:info.no@wago.com)

Har du spørsmål om våre produkter?  
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Therefore, the 750-493 Module provides comprehensive network analysis via fieldbus. Metrics, such as effective and apparent power consumption or load condition, enable the operator to optimize supply to a drive or machine. This can protect the installation from damage and failure.

## Data

### Technical Data

Number of measurement inputs	6 (3 voltage measurement inputs, 3 current measurement inputs)
Type of signal	Power measurement
Signal form	any (in consideration of the maximum operating frequency)
Resolution [bit]	16 Bit
Bit width	2 x 48-bit data; 2 x 24-bit control/status (optional)
Input resistance voltage path (typ.)	1071 k $\Omega$
Input resistance current path typ.	22 m $\Omega$
Bezug für Messfehler	AC Strom/Spannung
Messfehler, Bezugstemperatur	25 °C
Messfehler, Abweichung max. vom Messbereichsendwert	0,5 %
Measuring current (max.)	1 A
Measuring voltage (max.)	500 VAC, 3 phases
Measuring cycle time	Adjustable measuring cycle time for Min_Max_Values
Frequency range with activated DC filter	10 ... 2000 Hz
Frequency range with deactivated DC filter	0 ... 2000 Hz
Frequency range, power supply frequency	45 ... 65 Hz
Operating frequency	7,2 kHz
Rated voltage	$U_{LN} = 277$ V AC/DC; $U_{LL} = 480$ VAC
Measured values	Active power, active energy, grid frequency, $\cos \varphi$
Messkomponenten	Evaluating
Measuring procedure	True RMS measurement
System supply voltage	5 VDC; via data contacts
Current consumption, system supply (5 V)	100 mA
Isolation	4 kV system/field
Rated surge voltage	4 kV

### Connection data

Connection technology: In-/Outputs	8 x CAGE CLAMP®
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

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Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
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## Geometrical Data

Width	12 mm / 0.472 inch
Height	100 mm / 3.937 inch
Depth	67,8 mm / 2.669 inch
Length from upper-edge of DIN-35 rail	60,6 mm / 2.386 inch

## Mechanical data

Type of mounting	DIN-35 rail
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## Material Data

Color	lysegrå
Housing material	Polycarbonate; polyamide 6.6
Fire load	0,875 MJ
Weight	48,5 g
Conformity marking	CE

## Environmental Requirements

Surrounding air (operating) temperature	0 ... 55 °C
Surrounding air (storage) temperature	-40 ... 85 °C
Degree of protection	IP20
Degree of pollution (5)	2 per IEC 61131-2
Operating altitude	0 ... 2000 m
Mounting position	horizontal (standing/lying) or vertical
Relative air humidity (no condensation)	95 %
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	acc. to EN 61000-6-2
EMC emission of interference	acc. to EN 61000-6-3
Exposure to pollutants	Per IEC 60068-2-42 and IEC 60068-2-43
Permissible H <sub>2</sub> S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO <sub>2</sub> contaminant concentration at a relative humidity 75 %	25 ppm

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## Commercial data


Pack. unit	1 Stück
Packaging type	BOX
Country of origin	DE
GTIN	4055143374385
Customs tariff number	85389099990

## Godkjenninger / sertifikater

## EX-godkjenninger

Logo	Godkjenning	Ytterligere godkjenningstekst	Sertifikatnavn
	<b>ATEX</b> TUEV Nord Cert GmbH	EN 60079-0	TÜV 07 ATEX 554086 X en.
	<b>CCCEX</b> CQST/CNEx	CNCA-C23-01	2020312310000215
	<b>EAC</b> Brjansker Zertifizierungsstelle	TP TC 012/2011	EAC RU C-DE.AM02. B.00163/19
	<b>INMETRO</b> TÜV Rheinland do Brasil Ltda.	IEC 60079	BR-Ex_TÜV 12.1297 X
	<b>TUEV Nord</b> TUEV Nord Cert GmbH	IEC 60079-0	IECEX TUN 09.0001 X
	<b>UL</b> Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	UL 121201	E198726 Sec.1

## Landspesifikke godkjenninger


Logo	Godkjenning	Ytterligere godkjenningstekst	Sertifikatnavn
	<b>KC</b> National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM- W43-AIM750

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








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## UL-godkjenninger

Logo	Godkjenning	Ytterligere godkjenningstekst	Sertifikatnavn
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	UL 508	E175199 Sec. 1

## Kompatible produkter

## Carrier rail
















	<b>Elementnr.: 210-112</b> Bæreskinne i stål; 35 x 7,5 mm; 1 mm tykk; 2 m lang; med spor; i henhold til EN 60715; "Hullbredde 25 mm; sølvfarget	<a href="http://www.wago.com/210-112">www.wago.com/210-112</a>
	<b>Elementnr.: 210-113</b> Bæreskinne i stål; 35 x 7,5 mm; 1 mm tykk; 2 m lang; uten spor; i henhold til EN 60715; sølvfarget	<a href="http://www.wago.com/210-113">www.wago.com/210-113</a>
	<b>Elementnr.: 210-114</b> Bæreskinne i stål; 35 x 15 mm; 1,5 mm tykk; 2 m lang; uten spor; likner EN 60715; sølvfarget	<a href="http://www.wago.com/210-114">www.wago.com/210-114</a>
	<b>Elementnr.: 210-115</b> Bæreskinne i stål; 35 x 7,5 mm; 1 mm tykk; 2 m lang; med spor; i henhold til EN 60715; "Hullbredde 18 mm; sølvfarget	<a href="http://www.wago.com/210-115">www.wago.com/210-115</a>
	<b>Elementnr.: 210-118</b> Bæreskinne i stål; 35 x 15 mm; 2,3 mm tykk; 2 m lang; uten spor; i henhold til EN 60715; sølvfarget	<a href="http://www.wago.com/210-118">www.wago.com/210-118</a>
	<b>Elementnr.: 210-196</b> Bæreskinne i aluminium; 35 x 8,2 mm; 1,6 mm tykk; 2 m lang; uten spor; likner EN 60715; sølvfarget	<a href="http://www.wago.com/210-196">www.wago.com/210-196</a>
	<b>Elementnr.: 210-197</b> Bæreskinne i stål; 35 x 15 mm; 1,5 mm tykk; 2 m lang; med spor; likner EN 60715; sølvfarget	<a href="http://www.wago.com/210-197">www.wago.com/210-197</a>
	<b>Elementnr.: 210-198</b> Bæreskinne i kobber; 35 x 15 mm; 2,3 mm tykk; 2 m lang; uten spor; i henhold til EN 60715; kobberfarget	<a href="http://www.wago.com/210-198">www.wago.com/210-198</a>
	<b>Elementnr.: 210-504</b> Bæreskinne i stål; 35 x 7,5 mm; 1 mm tykk; 2 m lang; med spor; galvanisert; i henhold til EN 60715; sølvfarget	<a href="http://www.wago.com/210-504">www.wago.com/210-504</a>
	<b>Elementnr.: 210-505</b> Bæreskinne i stål; 35 x 7,5 mm; 1 mm tykk; 2 m lang; uten spor; galvanisert; i henhold til EN 60715; sølvfarget	<a href="http://www.wago.com/210-505">www.wago.com/210-505</a>
	<b>Elementnr.: 210-506</b> Bæreskinne i stål; 35 x 15 mm; 1,5 mm tykk; 2 m lang; uten spor; galvanisert; likner EN 60715; sølvfarget	<a href="http://www.wago.com/210-506">www.wago.com/210-506</a>
	<b>Elementnr.: 210-508</b> Bæreskinne i stål; 35 x 15 mm; 1,5 mm tykk; 2 m lang; med spor; galvanisert; likner EN 60715; sølvfarget	<a href="http://www.wago.com/210-508">www.wago.com/210-508</a>

## shield connection

Med forbehold om endringer. Vær også oppmerksom på ytterligere produktdokumentasjon!

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	<b>Elementnr.: 790-108</b> Skjoldklemlomme; 11 mm bred; diameter for kompatibel leder; 3 ... 8 mm	<a href="http://www.wago.com/790-108">www.wago.com/790-108</a>
	<b>Elementnr.: 790-116</b> Skjoldklemlomme; 19 mm bred; diameter for kompatibel leder; 7 ... 16 mm	<a href="http://www.wago.com/790-116">www.wago.com/790-116</a>
	<b>Elementnr.: 790-124</b> Skjoldklemlomme; 27 mm bred; diameter for kompatibel leder; 6 ... 24 mm	<a href="http://www.wago.com/790-124">www.wago.com/790-124</a>
	<b>Elementnr.: 790-140</b> Skjoldklemlomme; diameter for kompatibel leder	<a href="http://www.wago.com/790-140">www.wago.com/790-140</a>
	<b>Elementnr.: 790-208</b> Skjoldklemlomme; 12,4 mm bred; 3 ... 8 mm	<a href="http://www.wago.com/790-208">www.wago.com/790-208</a>
	<b>Elementnr.: 790-216</b> Skjoldklemlomme; 21,8 mm bred; 6 ... 16 mm	<a href="http://www.wago.com/790-216">www.wago.com/790-216</a>
	<b>Elementnr.: 790-220</b> Skjoldklemlomme; 30 mm bred; 6 ... 20 mm	<a href="http://www.wago.com/790-220">www.wago.com/790-220</a>
<b>current transformer</b>		
	<b>Elementnr.: 855-1001/2500-1001</b> Plug-in current transformer; Primary rated current: 2500 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1	<a href="http://www.wago.com/855-1001/2500-1001">www.wago.com/855-1001/2500-1001</a>
	<b>Elementnr.: 855-1700/032-000</b> Plug-in current transformer; Primary rated current 32 A; Secondary rated current 320 mA	<a href="http://www.wago.com/855-1700/032-000">www.wago.com/855-1700/032-000</a>
	<b>Elementnr.: 855-2701/035-001</b> Plug-in current transformer; Primary rated current: 35 A; Secondary rated current: 1 A; Rated power: 0,2 VA; Accuracy class: 1	<a href="http://www.wago.com/855-2701/035-001">www.wago.com/855-2701/035-001</a>
	<b>Elementnr.: 855-2701/064-001</b> Plug-in current transformer; Primary rated current: 64 A; Secondary rated current: 1 A; Rated power: 0,2 VA; Accuracy class: 1	<a href="http://www.wago.com/855-2701/064-001">www.wago.com/855-2701/064-001</a>
	<b>Elementnr.: 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>Elementnr.: 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>
	<b>Elementnr.: 855-3001/200-001</b> 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>Elementnr.: 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>

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	<b>Elementnr.: 855-301/050-103</b> Plug-in current transformer; Primary rated current: 50 A; Secondary rated current: 1 A; Rated power: 1,25 VA; Accuracy class: 3	<a href="http://www.wago.com/855-301/050-103">www.wago.com/855-301/050-103</a>
	<b>Elementnr.: 855-301/060-101</b> Plug-in current transformer; Primary rated current: 60 A; Secondary rated current: 1 A; Rated power: 1,25 VA; Accuracy class: 1	<a href="http://www.wago.com/855-301/060-101">www.wago.com/855-301/060-101</a>
	<b>Elementnr.: 855-301/075-201</b> Plug-in current transformer; Primary rated current: 75 A; Secondary rated current: 1 A; Rated power: 2,5 VA; Accuracy class: 1	<a href="http://www.wago.com/855-301/075-201">www.wago.com/855-301/075-201</a>
	<b>Elementnr.: 855-301/100-201</b> Plug-in current transformer; Primary rated current: 100 A; Secondary rated current: 1 A; Rated power: 2,5 VA; Accuracy class: 1	<a href="http://www.wago.com/855-301/100-201">www.wago.com/855-301/100-201</a>
	<b>Elementnr.: 855-301/150-501</b> Plug-in current transformer; Primary rated current: 150 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1	<a href="http://www.wago.com/855-301/150-501">www.wago.com/855-301/150-501</a>
	<b>Elementnr.: 855-301/200-501</b> Plug-in current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1	<a href="http://www.wago.com/855-301/200-501">www.wago.com/855-301/200-501</a>
	<b>Elementnr.: 855-301/250-501</b> Plug-in current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1	<a href="http://www.wago.com/855-301/250-501">www.wago.com/855-301/250-501</a>
	<b>Elementnr.: 855-301/400-1001</b> Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1	<a href="http://www.wago.com/855-301/400-1001">www.wago.com/855-301/400-1001</a>
	<b>Elementnr.: 855-301/600-1001</b> Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1	<a href="http://www.wago.com/855-301/600-1001">www.wago.com/855-301/600-1001</a>
	<b>Elementnr.: 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>Elementnr.: 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>Elementnr.: 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>Elementnr.: 855-401/250-501</b> Plug-in current transformer; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1	<a href="http://www.wago.com/855-401/250-501">www.wago.com/855-401/250-501</a>

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	<b>Elementnr.: 855-401/400-501</b> Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 5 VA; Accuracy class: 1	<a href="http://www.wago.com/855-401/400-501">www.wago.com/855-401/400-501</a>
	<b>Elementnr.: 855-401/600-501</b> Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1	<a href="http://www.wago.com/855-401/600-501">www.wago.com/855-401/600-501</a>
	<b>Elementnr.: 855-4101/200-001</b> 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/855-4101/200-001">www.wago.com/855-4101/200-001</a>
	<b>Elementnr.: 855-4101/250-001</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/855-4101/250-001">www.wago.com/855-4101/250-001</a>
	<b>Elementnr.: 855-4101/400-001</b> 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	<a href="http://www.wago.com/855-4101/400-001">www.wago.com/855-4101/400-001</a>
	<b>Elementnr.: 855-5001/1000-000</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/855-5001/1000-000">www.wago.com/855-5001/1000-000</a>
	<b>Elementnr.: 855-5001/250-001</b> 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	<a href="http://www.wago.com/855-5001/250-001">www.wago.com/855-5001/250-001</a>
	<b>Elementnr.: 855-5001/400-000</b> 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	<a href="http://www.wago.com/855-5001/400-000">www.wago.com/855-5001/400-000</a>
	<b>Elementnr.: 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>Elementnr.: 855-501/1000-1001</b> Plug-in current transformer; Primary rated current: 1000 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1	<a href="http://www.wago.com/855-501/1000-1001">www.wago.com/855-501/1000-1001</a>
	<b>Elementnr.: 855-501/400-1001</b> Plug-in current transformer; Primary rated current: 400 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1	<a href="http://www.wago.com/855-501/400-1001">www.wago.com/855-501/400-1001</a>
	<b>Elementnr.: 855-501/600-1001</b> Plug-in current transformer; Primary rated current: 600 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1	<a href="http://www.wago.com/855-501/600-1001">www.wago.com/855-501/600-1001</a>
	<b>Elementnr.: 855-501/800-1001</b> Plug-in current transformer; Primary rated current: 800 A; Secondary rated current: 1 A; Rated power: 10 VA; Accuracy class: 1	<a href="http://www.wago.com/855-501/800-1001">www.wago.com/855-501/800-1001</a>
	<b>Elementnr.: 855-5101/1000-000</b>	

Med forbehold om endringer. Vær også oppmerksom på ytterligere produktdokumentasjon!





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/855-5101/1000-000](http://www.wago.com/855-5101/1000-000)



**Elementnr.: 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)



**Elementnr.: 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)



**Elementnr.: 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)

**potential distribution**



**Elementnr.: 855-951/250-000**

Strøm- og spenningstapp opptil 95 mm<sup>2</sup>; Primary rated current: 250 A; Secondary rated current: 1 A; Rated power: 0,2 VA; Accuracy class: 0,5; med sikring

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

**system box**



**Elementnr.: 850-804**

IP65-kapsling; Rustfritt stål; BxHxD (400x123x200 mm); 28 x M12, 16 x M16, 4 x M20

[www.wago.com/850-804](http://www.wago.com/850-804)



**Elementnr.: 850-804/000-001**

IP65-kapsling; Rustfritt stål; BxHxD (400x123x200 mm); 32 x M12, 13 x M16, 2 x M20

[www.wago.com/850-804/000-001](http://www.wago.com/850-804/000-001)



**Elementnr.: 850-805**

IP65-kapsling; Rustfritt stål; BxHxD (600x123x200 mm); 67 x M12, 19 x M16, 4 x M20

[www.wago.com/850-805](http://www.wago.com/850-805)



**Elementnr.: 850-814/002-000**

IP65-kapsling; Stålplate (RAL 7035); BxHxD (200x120x200 mm); uten flensplate

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



**Elementnr.: 850-815/002-000**

IP65-kapsling; Stålplate (RAL 7035); BxHxD (300x120x200 mm); uten flensplate

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



**Elementnr.: 850-816/002-000**

IP65-kapsling; Stålplate (RAL 7035); BxHxD (400x120x200 mm); uten flensplate

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



**Elementnr.: 850-817/002-000**

IP65-kapsling; Stålplate (RAL 7035); BxHxD (600x120x200 mm); uten flensplate

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



**Elementnr.: 850-825**

IP65-kapsling; Aluminum (RAL 7032); BxHxD (160x100x160 mm); 9 x M12, 4 x M20

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



**Elementnr.: 850-826**

IP65-kapsling; Aluminum (RAL 7032); BxHxD (240x100x160 mm); 14 x M12, 4 x M16, 4 x M20

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

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**Elementnr.: 850-826/002-000**

IP65-kapsling; Aluminum (RAL 7035); BxHxD (240x100x160 mm); 14 x M12, 4 x M16, 4 x M20

[www.wago.com/850-826/002-000](http://www.wago.com/850-826/002-000)**Elementnr.: 850-827**

IP65-kapsling; Aluminum (RAL 7032); BxHxD (320x100x160 mm); 17 x M12, 8 x M16, 4 x M20

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

IP65-kapsling; Aluminum (RAL 7035); BxHxD (320x100x160 mm); 17 x M12, 8 x M16, 4 x M20

[www.wago.com/850-827/002-000](http://www.wago.com/850-827/002-000)**Elementnr.: 850-828**

IP65-kapsling; Aluminum (RAL 7032); BxHxD (480x100x160 mm); 35 x M12, 10 x M16, 4 x M20

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

IP65-kapsling; Aluminum (RAL 7035); BxHxD (480x100x160 mm); 35 x M12, 10 x M16, 4 x M20

[www.wago.com/850-828/002-000](http://www.wago.com/850-828/002-000)**Elementnr.: 850-834**

IP65-kapsling; Polyester (RAL 7032); BxHxD (164x100x164 mm); 9 x M12, 4 x M20

[www.wago.com/850-834](http://www.wago.com/850-834)**Elementnr.: 850-835**

IP65-kapsling; Polyester (RAL 7032); BxHxD (244x100x164 mm); 14 x M12, 4 x M16, 4 x M20

[www.wago.com/850-835](http://www.wago.com/850-835)**Elementnr.: 850-836**

IP65-kapsling; Polyester (RAL 7032); BxHxD (324x100x164 mm); 17 x M12, 8 x M16, 4 x M20

[www.wago.com/850-836](http://www.wago.com/850-836)**General accessories****Elementnr.: 2007-8873**Kompakt rekkeklemme; for strøm- og spenningsomformere; 6,00 mm<sup>2</sup>; flerfarget[www.wago.com/2007-8873](http://www.wago.com/2007-8873)**Elementnr.: 2007-8875**Kompakt rekkeklemme; for strømomformerets; 6,00 mm<sup>2</sup>; flerfarget[www.wago.com/2007-8875](http://www.wago.com/2007-8875)**Elementnr.: 855-8001**Maskingjengebor; med sikring; 2,5 mm<sup>2</sup> (12 AWG) ... 6 mm<sup>2</sup> (10 AWG); Fase[www.wago.com/855-8001](http://www.wago.com/855-8001)**Elementnr.: 855-8002**Maskingjengebor; uten sikring; 2,5 mm<sup>2</sup> (12 AWG) ... 6 mm<sup>2</sup> (10 AWG); N-leder[www.wago.com/855-8002](http://www.wago.com/855-8002)**Elementnr.: 855-8003**Maskingjengebor; med sikring; 10 mm<sup>2</sup> (8 AWG) ... 16 mm<sup>2</sup> (6 AWG); Fase[www.wago.com/855-8003](http://www.wago.com/855-8003)**Elementnr.: 855-8004**Maskingjengebor; uten sikring; 10 mm<sup>2</sup> (8 AWG) ... 16 mm<sup>2</sup> (6 AWG); N-leder[www.wago.com/855-8004](http://www.wago.com/855-8004)**Marking accessories****Elementnr.: 2009-145**

Mini-WSB Inline; for Smart Printer; 1700 deler på rull; strekkbar 5 til 5,2 mm; vanlig; klikk-på type; hvit

[www.wago.com/2009-145](http://www.wago.com/2009-145)**Elementnr.: 2009-145/000-002**















Mini-WSB Inline; for Smart Printer; 1700 deler på rull; strekkbar 5 til 5,2 mm; vanlig; klikk-på type; gul

[www.wago.com/2009-145/000-002](http://www.wago.com/2009-145/000-002)

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	<b>Elementnr.: 2009-145/000-005</b> Mini-WSB Inline; for Smart Printer; 1700 deler på rull; strekkbar 5 til 5,2 mm; vanlig; klikk-på type; rød	<a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a>
	<b>Elementnr.: 2009-145/000-006</b> Mini-WSB Inline; for Smart Printer; 1700 deler på rull; strekkbar 5 til 5,2 mm; vanlig; klikk-på type; blå	<a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a>
	<b>Elementnr.: 2009-145/000-007</b> Mini-WSB Inline; for Smart Printer; 1700 deler på rull; strekkbar 5 til 5,2 mm; vanlig; klikk-på type; grå	<a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a>
	<b>Elementnr.: 2009-145/000-012</b> Mini-WSB Inline; for Smart Printer; 1700 deler på rull; strekkbar 5 til 5,2 mm; vanlig; klikk-på type; oransje	<a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a>
	<b>Elementnr.: 2009-145/000-023</b> Mini-WSB Inline; for Smart Printer; 1700 deler på rull; strekkbar 5 til 5,2 mm; vanlig; klikk-på type; grønn	<a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a>
	<b>Elementnr.: 2009-145/000-024</b> Mini-WSB Inline; for Smart Printer; 1700 deler på rull; strekkbar 5 til 5,2 mm; vanlig; klikk-på type; fiolett	<a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a>
	<b>Elementnr.: 248-501</b> Minityr WSB hurtigmerkesystem; vanlig; Merkebredde 5 mm; 10 lister med 10 merker per kort	<a href="http://www.wago.com/248-501">www.wago.com/248-501</a>
	<b>Elementnr.: 248-501/000-002</b> Mini-WSB merke kort; som kort; not stretchable; vanlig; klikk-på type; gul	<a href="http://www.wago.com/248-501/000-002">www.wago.com/248-501/000-002</a>
	<b>Elementnr.: 248-501/000-005</b> Mini-WSB merke kort; som kort; not stretchable; vanlig; klikk-på type; rød	<a href="http://www.wago.com/248-501/000-005">www.wago.com/248-501/000-005</a>
	<b>Elementnr.: 248-501/000-006</b> Mini-WSB merke kort; som kort; not stretchable; vanlig; klikk-på type; blå	<a href="http://www.wago.com/248-501/000-006">www.wago.com/248-501/000-006</a>
	<b>Elementnr.: 248-501/000-007</b> Mini-WSB merke kort; som kort; not stretchable; vanlig; klikk-på type; grå	<a href="http://www.wago.com/248-501/000-007">www.wago.com/248-501/000-007</a>
	<b>Elementnr.: 248-501/000-012</b> Mini-WSB merke kort; som kort; not stretchable; vanlig; klikk-på type; oransje	<a href="http://www.wago.com/248-501/000-012">www.wago.com/248-501/000-012</a>
	<b>Elementnr.: 248-501/000-017</b> Mini-WSB merke kort; som kort; not stretchable; vanlig; klikk-på type; lysegrønn	<a href="http://www.wago.com/248-501/000-017">www.wago.com/248-501/000-017</a>
	<b>Elementnr.: 248-501/000-023</b> Mini-WSB merke kort; som kort; not stretchable; vanlig; klikk-på type; grønn	<a href="http://www.wago.com/248-501/000-023">www.wago.com/248-501/000-023</a>

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**Elementnr.: 248-501/000-024**

Mini-WSB merkekort; som kort; not stretchable; vanlig; klikk-på type; fiolett

[www.wago.com/248-501/000-024](http://www.wago.com/248-501/000-024)**Elementnr.: 750-103**

Gruppemerkeholder; gjennomiktig

[www.wago.com/750-103](http://www.wago.com/750-103)**Elementnr.: 750-107**

Gruppemerkeholder; gjennomiktig

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

## Nedlastinger

### Documentation

#### Manual

3-Phase Power Measurement Module	V 1.2.0	pdf 3,9 MB	Last ned
Systemhandbuch WAGO I/O System 750 / 753 Dezentrale Automatisierungstechnik	V 3.0.0 4. mar. 2021	pdf 6,6 MB	Last ned

#### Bid Text

750-493 docx - Datei	26. jun. 2019	docx 18,4 kB	Last ned
750-493 X81 - Datei	19. feb. 2019	xml 6,0 kB	Last ned

#### System Description

Use in Hazardous Environments Term definition, marking and installation regulations	V 1.0.0	pdf 1,0 MB	Last ned
750/753 Series I/O-System – General Product Information		pdf 1,7 MB	Last ned
Overview on WAGO-I/O-SYSTEM 750 approvals		pdf 780,2 kB	Last ned

#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265,8 kB	Last ned
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## Application Notes

### Application Note CoDeSys 2.3

Application Note PowerMeasurement_03 Library	19.01.2011	zip	Last ned
This application note describes how current, voltage, effective power, power factor and energy consumption can be measured using 3-phase power measurement modules (750-493).	19. mar. 2012	954,5 kB	

## Libraries

### Library

Libraries for Building Automation CODESYS 2.3	2021-01-27	zip	Last ned
This zip file contains WAGO I / O PRO libraries for building automation. Blocks are available for the following applications: - DALI - DALI sensors - DALI Color Control - DALI Emergency Lighting - Enocean - SMI - HVAC / HVAC functions - General building functions such as blinds, dimmers, impulse switches - Scheduler - KNX function blocks - BACnet - WINSTA blind box - DMX - Elsner weather station - M-Bus, MBus - MP-Bus, MPBus - Romutec handset - Thermokon Thanos room thermostat - Thermokon WRF04 room thermostat - Thermokon WRF06 room thermostat - Thermokon WRF07 room thermostat - Thermokon WRF08 room thermostat - 3-phase Power measuring module 750-493 - LON - Grundfos pumps with GENIbus interface - EAP Modbus® room control units - Conversion of color formats - "robutecheasy" modules - Schüco TipTronic group control units - Weather station Thies	27. jan. 2021	77,8 MB	

## CAD/CAE-Data

### CAD data

2D/3D Models 750-493	URL	Last ned
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### CAE data

EPLAN Data Portal 750-493	URL	Last ned
WSCAD Universe 750-493	URL	Last ned
ZUKEN Portal 750-493	URL	Last ned

## Device Files

### Device Driver

Med forbehold om endringer. Vær også oppmerksom på ytterligere produktdokumentasjon!

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WAGO USB Service Kabel Treiber / Serie 750 und 857

6.5.3.0

10. sep. 2014

zip

4,8 MB

Last ned

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 750-493

URL

Last ned

3-fase Strømmåling; 480 VAC, 1 A; lysegrå

## Installasjonsmerknader

### Produktfamilie

**750/753 Series I/O System**

[Vis alle produkter fra familien](#)

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