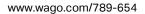
# Data sheet | Item number: 789-654

Current signal conditioner; Input for Rogowski coils; 2,50 mm2





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# Item description

## Short description:

The Rogowski Current Signal Conditioner acquires 5–2000A alternating currents in a three-phase system. The magnetic field generated around each conductor is detected via three non-contact Rogowski coils and provided as a proportional voltage signal to the transducer. The current signal conditioner adjusts the phase of each of the three voltage signals, converting them into 100mA alternating current signals. These are then transmitted to the 750-494 3-Phase Power Measurement Module.

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

WAGO GmbH & Co. KG Hansastr. 27

32423 Minden

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#### Data sheet | Item number: 789-654

www.wago.com/789-654



The 750-494 3-Phase Power Measurement Module within the WAGO-I/O-SYSTEM measures electrical data (e.g., voltages, currents, effective power and energy consumption) in a three-phase supply network. Thus, the user is always able to determine the load condition (imbalance, reactive components), to optimize consumption and protect machines or systems from damage and breakdowns. Easy installation of Rogowski coils also allows existing systems to be retrofitted without process interruption.

## Data

#### Technical data

Input signal type

# Input

Connection data	
Solid conductor	0.08 2.5 mm² / 28 12 AWG
Fine-stranded conductor	0.08 2.5 mm² / 28 12 AWG

Voltage

#### Commercial data

Product Group	6 (Interface Electronics)
eCl@ss 10.0	27-21-01-23
eCl@ss 9.0	27-21-01-23

# Approvals / Certificates

#### **Ex-Approvals**

Logo	Approval	Additional Approval Text	Certificate name
(Jr)	UL Underwriters Laboratories Inc. (HAZARDOUS LOCATIONS)	ANSI/ISA 12.12.01	E198726

#### **UL-Approvals**

Logo	Approval	Additional Approval Text	Certificate name
(J)	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.4

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

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# Optional accessories

Tool

Operating tool

Item no.: 210-720

Operating tool; Blade:  $3.5\,x\,0.5\,mm$ ; with a partially insulated shaft; multicoloured

www.wago.com/210-720

**Downloads** 

**Documentation** 

**Additional Information** 

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

pdf 265.8 kB Download

Installation Notes

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

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