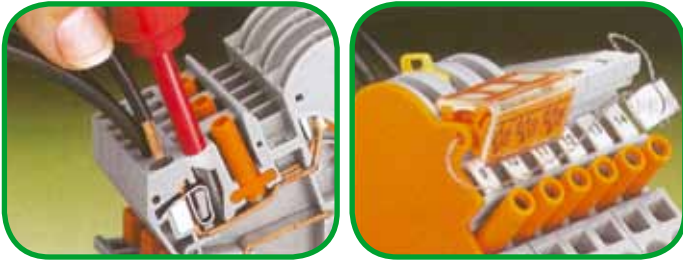


CAGE CLAMP CT test terminals

In current transformer circuits, when connecting or disconnecting a meter, it is essential to ensure that the CT does not become open-circuit, which would generate a dangerously high voltage in the secondary winding. The WAGO DIN rail mount disconnect and measurement terminal blocks ensure maximum safety for transformer circuit testing, by the *automatic* short-circuiting of the transformer secondary winding before the opening of the transformer circuit, which dissipates the energy safely.

This is achieved by simply moving the disconnect link on the terminal and the use of an insulated touchproof jumper in the terminal block. The jumper remains permanently in position and acts as a shorting path for the current transformer whenever the knife disconnect link is rotated from the clearly defined 'I' position to the 'TEST' position. No undefined intermediate positions are allowed.

The WAGO CAGE CLAMP connection system will accept conductors up to 6mm² and the terminals are rated at 500V, 30A. The test position for the movable knife disconnect link is clearly indicated by a symbol and the word 'TEST'. It is notched in both positions preventing accidental operation and can be secured in position 'I' by a sealing wire. Multiple switching is possible by linking several disconnect links mechanically and it is possible to make the terminals tamper-proof by locking the disconnect link in position using a sealing wire.

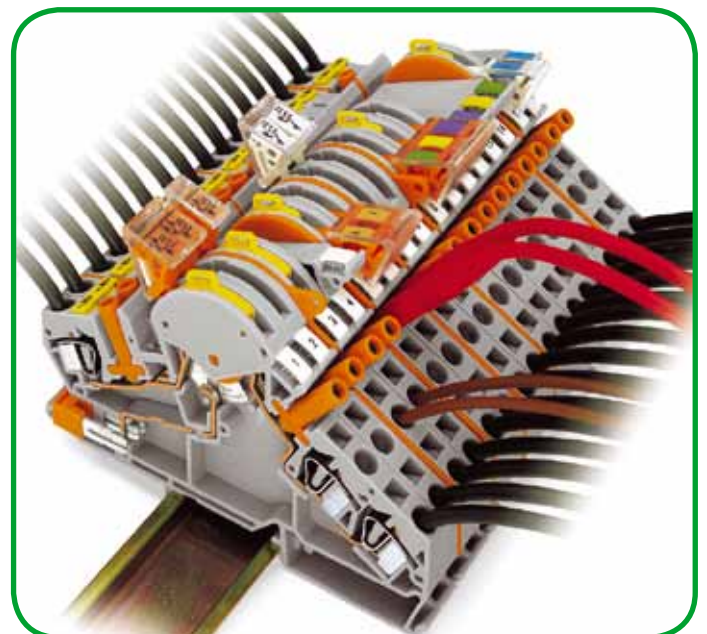
The terminals have multiple marking positions which can accept either WAGO's WSB or WCB marking systems. An extensive range of pre-printed markers is available or, alternatively, WAGO can provide custom printed marker cards to suit the exact requirements using our marking software and dedicated plotting system.

Automatic and safe short circuiting of current transformers

WAGO CAGE CLAMP CT test terminals are designed to ensure safety

KEY USER BENEFITS

- The terminals ensure safe testing of the current transformer circuit
- Automatic short circuiting by simple rotation of the disconnect link
- The terminal jumper remains permanently in position in the terminal
- CAGE CLAMP ensures reliable conductor connection
- Easy connection of the meter using the integrated touchproof test sockets
- Compact terminals ensure large enclosure is not required.



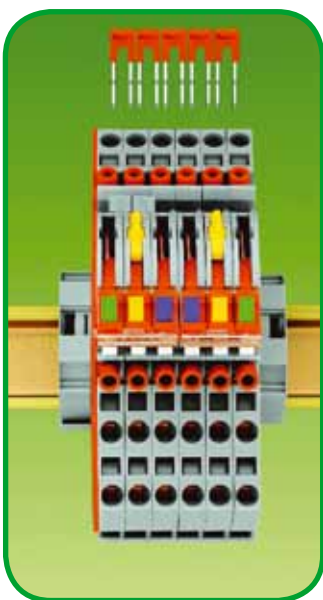
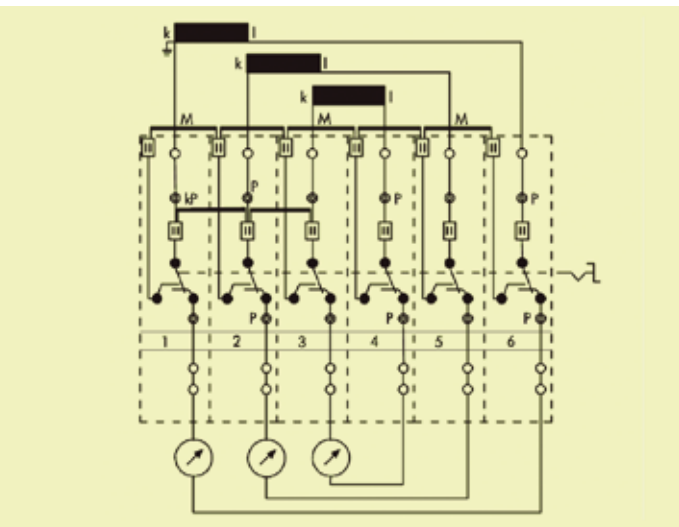
CAGE CLAMP CT test terminals

TECHNICAL INFORMATION

Wire connection	CAGE CLAMP® 0.2mm ² - 6mm ²
Rating	500V/6kV/3, 30A
Stripped length	12mm - 13mm
Dimensions (mm) W x H x L	8 x 75* x 122

*max. height when rotating disconnect, including locking cover, is 92mm

The WAGO CAGE CLAMP connection system is approved for use by both the Electricity Association (ESI 50 - 18 category 1,2,3) and National Grid (for applications covered by IEC 947). WAGO CT terminals and accessories are widely used throughout the Electricity supply and distribution industry, with customers including several of the main electricity distribution and supply companies.



Measuring set for a three phase current transformer with Y point. All six disconnect links are interlocked by means of the interlocking link.

B = shorting link

P = test socket

KP = Y point jumpers

This arrangement uses the following terminal blocks:

6 off 282-870

5 off 282-424

plus jumpers and accessories

Product No	Description
282-870	Disconnect / test terminal block for current transformer circuits with touchproof test plug and orange disconnect link, grey
282-865	Through terminal block, same shape as above, grey

ACCESSORIES

Product No	Description
282-386	End and intermediate plate, 1.5mm thick, not suitable for lockout seal, orange
282-391	End and intermediate plate, 1.5mm thick, not suitable for lockout seal, grey
282-387	End and intermediate plate, 1.5mm thick, suitable for lockout seal, orange
282-392	End and intermediate plate, 1.5mm thick, suitable for lockout seal, grey
282-385	End and intermediate plate, 1.5mm thick, for use with through terminals only, orange
282-390	End and intermediate plate, 1.5mm thick, for use with through terminals only, grey
282-384	Lockout for disconnect link, yellow
282-881	Locking cover for mechanical locking of several links, transparent, single pole
282-882	Locking cover for mechanical locking of several links, transparent, 2 poles
282-883	Locking cover for mechanical locking of several links, transparent, 3 poles
282-884	Locking cover for mechanical locking of several links, transparent, 4 poles
210-254	Interlocking link, for mechanical locking of several links, transparent, 1 metre long
282-424	Adjacent jumper, insulated, orange
282-402	Adjacent jumper, insulated, grey
282-409	Alternate jumper, insulated, grey
709-110	Wire commoning chain, insulated, black, 4 connections, 24A, 2.5mm ² , 3 x 80mm spacing
709-111	Wire commoning chain, insulated, black, 3 connections, 24A, 2.5mm ² , 2 x 90mm spacing
709-112	Wire commoning chain, insulated, black, 3 connections, 24A, 2.5mm ² , 2 x 150mm spacing
282-415	Protective warning marker, fits into screwdriver slot of 5 terminals, yellow
249-553/000-002	Marker card, 10 strips with 10 markers each, yellow with black printing k / 1 (50 each)
210-412	Operating sticker for 282-870
210-415	Operating sticker for 282-865

PRICES AVAILABLE ON REQUEST

**For further details call our
INFORMATION HOTLINE
0870 264 0773**