Tap-Off Modules, 870 Series
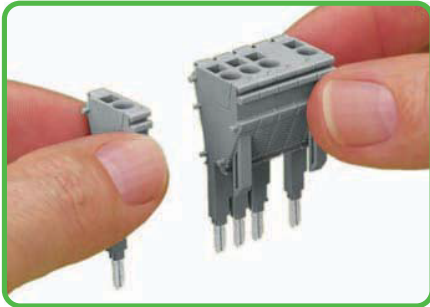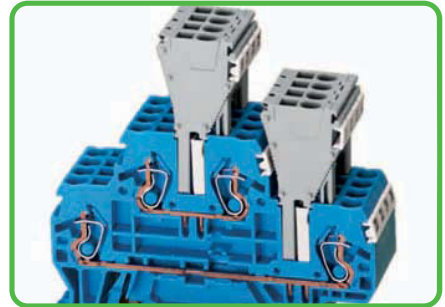# – Description and Handling –

Assembly

Snapping together tap-off and spacer modules to create a module assembly (max. 10 poles).

Module assembly with CAGE CLAMP® connections (0.25 mm² - 2.5 mm²/AWG 24 - 14), including strain relief plate and marker slots for miniature WSB or WMB markers.
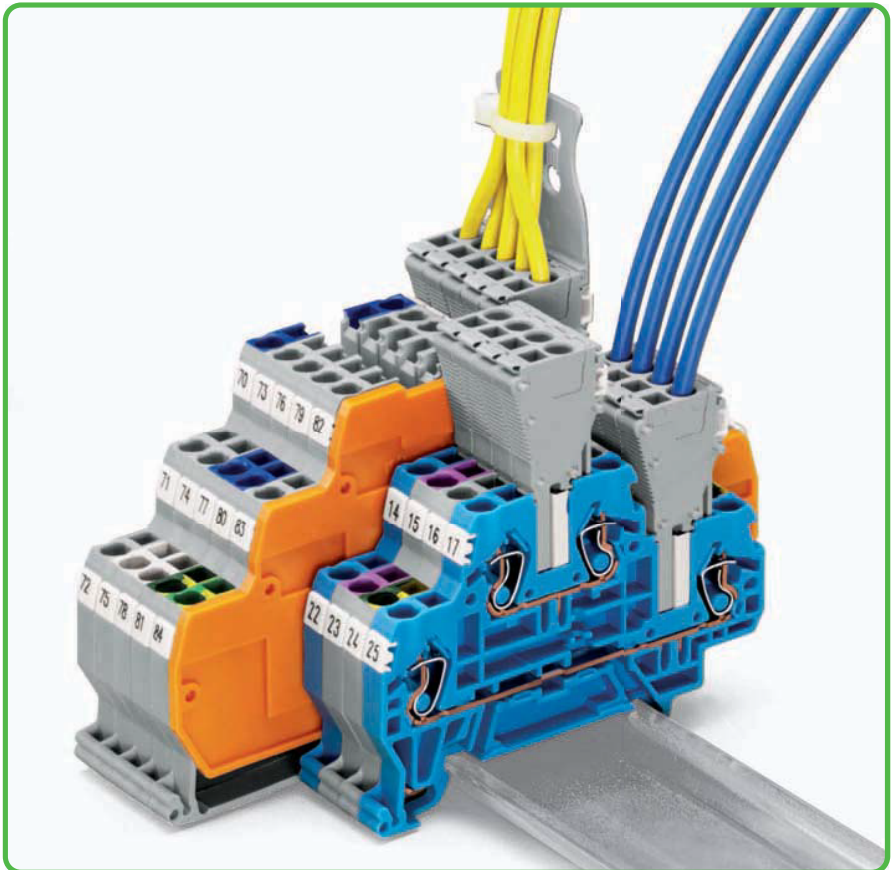

The module assembly can be directly inserted into jumper contact slots of the terminal blocks. The terminal blocks can also be commoned via push-in type jumper bars parallel to the jumper slots being used by the modules.
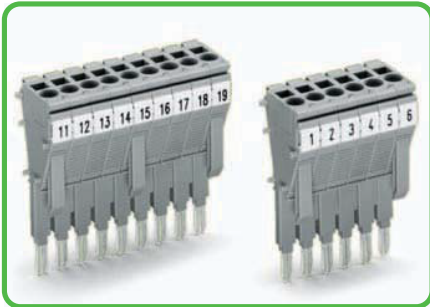
CAGE CLAMP® connection

Tap-off modules are used when additional or removable connections are required (can be used as a permanent connection or a test plug).
Wiring is possible whether the modules are plugged into the assembly or not.
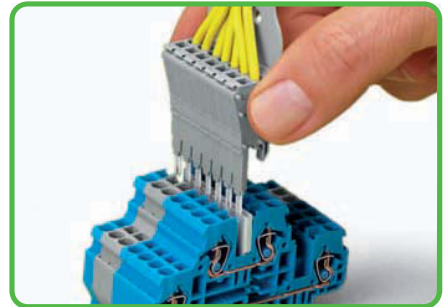

Anti-reverse mating protection

Using anti-reverse mating modules at both ends of a module assembly prevents reverse mating.
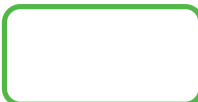

Three anti-reverse mating modules are necessary when snapping more than 7 modules together.
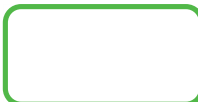
Testing

Testing is also possible using a pre-wired module assembly, similar to test plugs.

CAGE CLAMP® clamps the following copper conductors:*

solid

stranded

fine-stranded, also with tinned single strands

* For aluminum conductors, see notes in Section 14.

0.25 - **2.5 mm²**	AWG 22 - 14	0.25 - **2.5 mm²**	AWG 22 - 14
500 V/6 kV/3 ❶		500 V/6 kV/3 ❶	
I_N 18 A		I_N 10 A	
module width 5 mm / 0.197 in		module width 5 mm / 0.197 in	
▭▨10 mm / 0.38 in ❷		▭▨10 mm / 0.38 in ❷	

❶ 500 V = rated voltage
   6 kV = rated surge voltage
     3 = pollution degree
(also see Section 14)

❷ Strip length, see packaging or instructions.

For additional wire connections, as well as serial testing on terminal block assemblies, WAGO has developed special tap-off modules.

The tap-off modules readily adapt to terminal block assemblies using spacer modules, if necessary (see left). It is possible to connect the modules is performed directly in the jumper contact positions of the terminal blocks to be tested/tapped, even though a push-in type jumper bar is already being used.

	Item No.	Pack. Unit		Item No.	Pack. Unit
Tap-off module with CAGE CLAMP® and with anti-reverse mating protection,			**Tap-off module with CAGE CLAMP®,**		
can be snapped together, suitable for 870 Series terminal blocks with jumper slots,			can be snapped together, suitable for 870 Series terminal blocks with jumper slots,		
module width 5 mm			module width 5 mm		
⚪ gray	**870-425**	100 (4x25)	⚪ gray	**870-426**	100 (4x25)
			Spacer module, can be snapped together,		
			e.g., for bridging commoned terminal blocks,		
			module width 5 mm		
			⚪ gray	**870-427**	100 (4x25)

Accessories

		Item No.	Pack. Unit
Miniature WSB Quick marking system,			
	10 strips with 10 markers per card, 5 mm wide markers		
	plain	**248-501**	5
WMB Multi marking system,			
	10 strips with 10 markers per card, stretchable 5 - 5.2 mm		
	plain	**793-5501**	5
WMB Multi marking system,			
	10 strips with 10 markers per card, for terminal widths 5 - 17.5 mm		
	plain	**793-501**	5
Strain relief plate, gray			
	35 mm width	**734-326**	100 (4x25)
	6 mm wide	**734-327**	100 (4x25)
	12.5 mm width	**734-328**	100 (4x25)
	25 mm wide	**734-329**	100 (4x25)

For list of approvals and user guide, see pages 634 to 637.

WAGO®