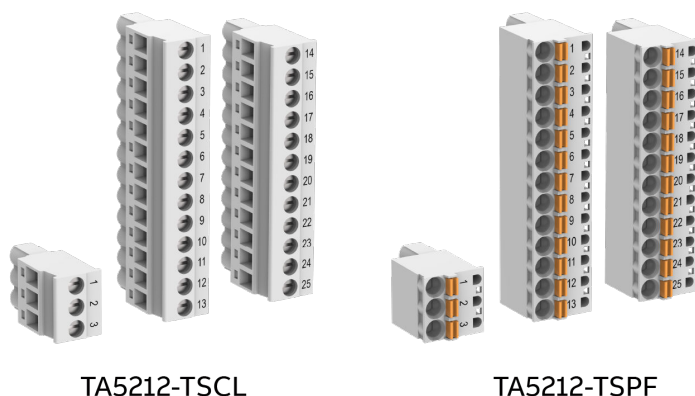


DATA SHEET

TA5212

Pluggable connector for screw and spring connection



1 Ordering data

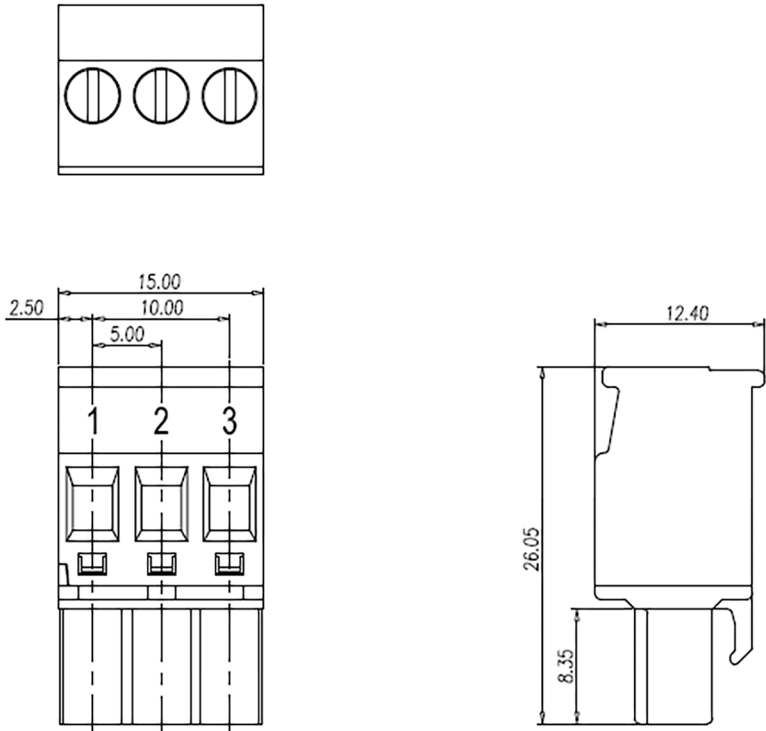
Table 1: Terminal block sets for AC500-eCo V3 Standard and Pro

Part no.	Description
1SAP 187 400 R0004	TA5212-TSCL: screw terminal block set for AC500-eCo V3 Standard and Pro CPU screw front, cable side 5.00 mm pitch • 1 removable 3-pin terminal block for power supply • 1 removable 13-pin terminal block for I/O connectors • 1 removable 12-pin terminal block for I/O connectors
1SAP 187 400 R0005	TA5212-TSPF: spring terminal block set for AC500-eCo V3 Standard and Pro CPU spring front, cable front 5.00 mm pitch • 1 removable 3-pin terminal block for power supply • 1 removable 13-pin terminal block for I/O connectors • 1 removable 12-pin terminal block for I/O connectors

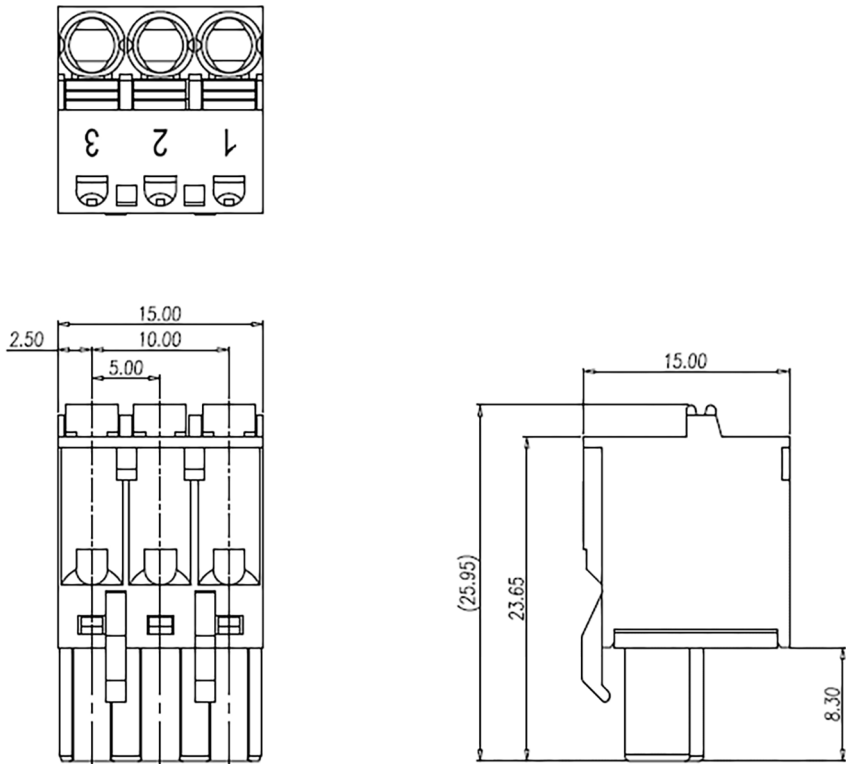
2 Dimensions

2.1 3-pin terminal block for power supply

Screw terminal

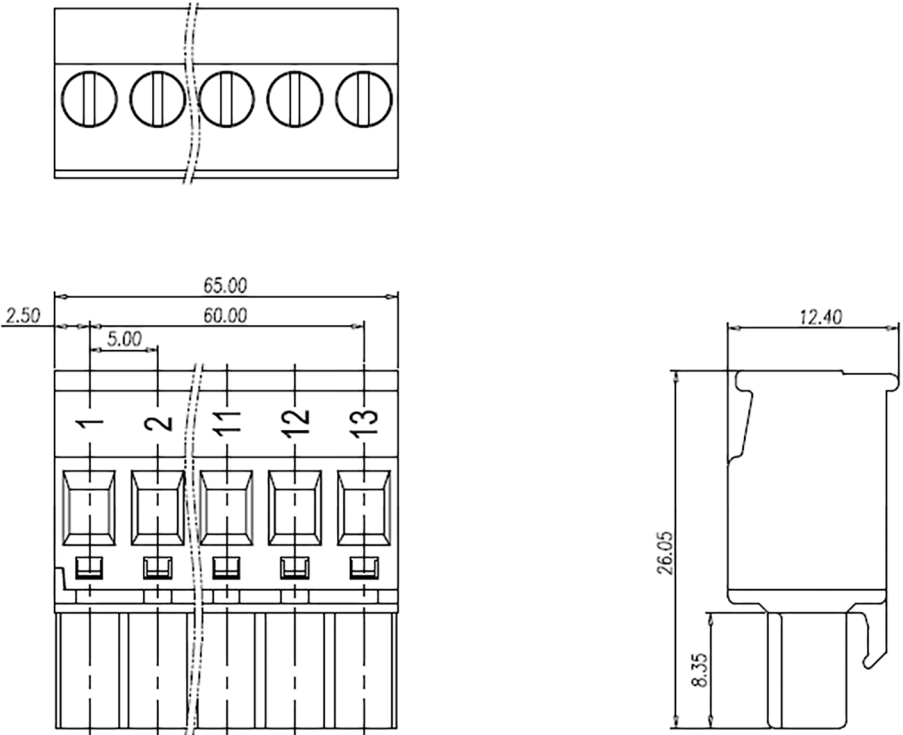


Spring terminal

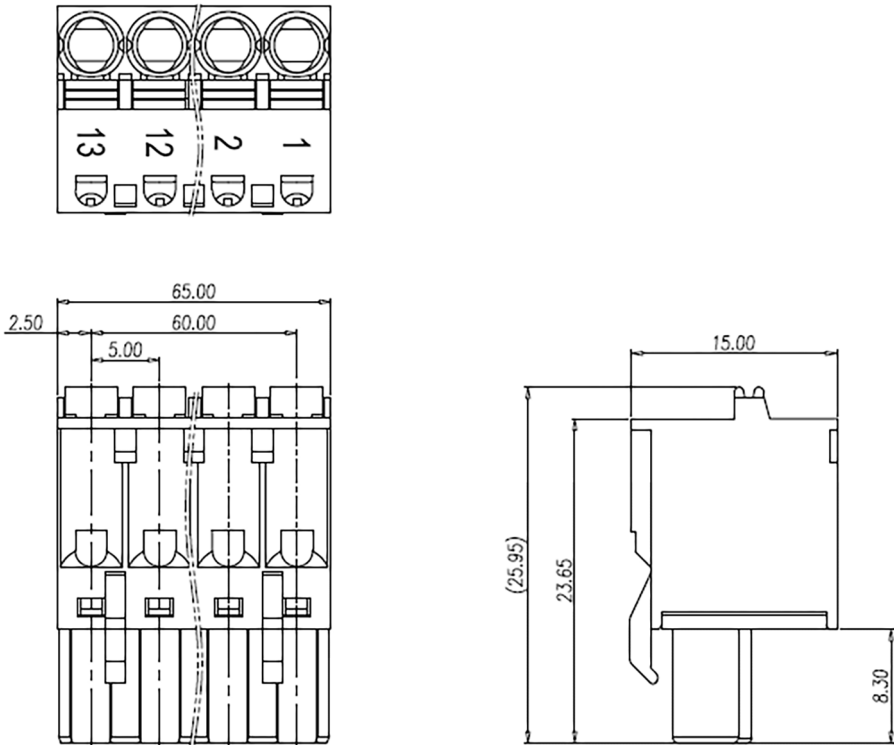


2.2 13-pin terminal block for I/O connectors

Screw terminal

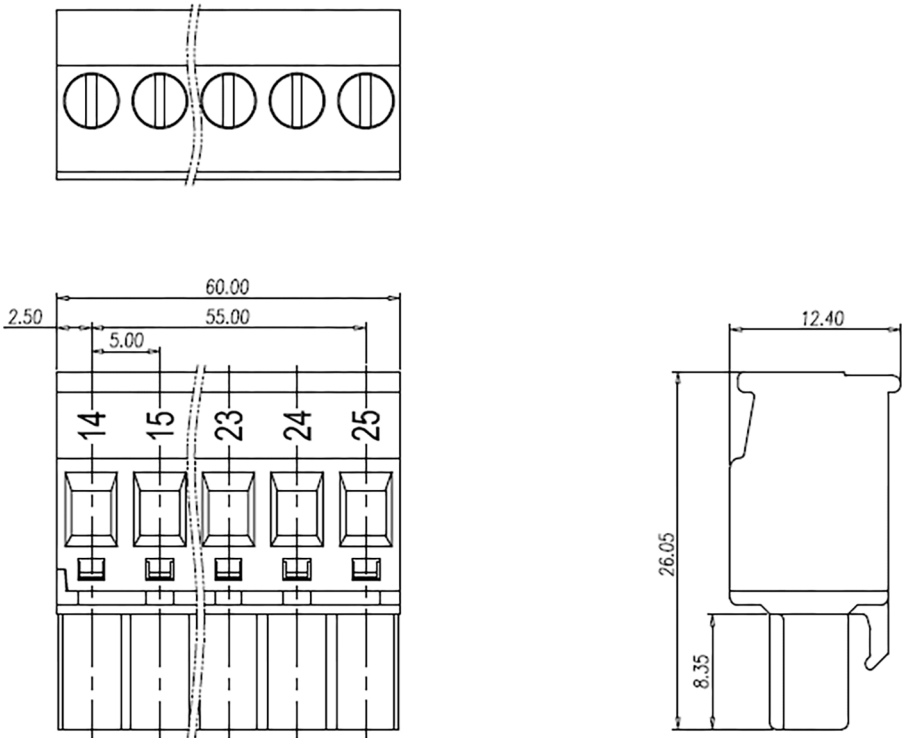


Spring terminal

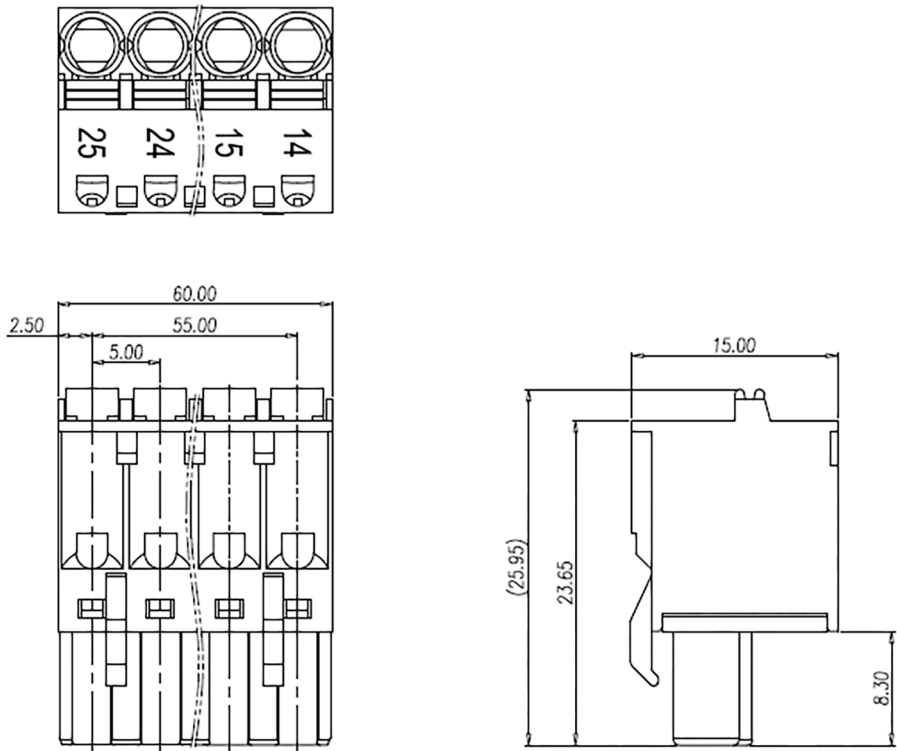


2.3 12-pin terminal block for I/O connectors

Screw terminal



Spring terminal



3 Technical data

Table 2: Screw terminal block for power supply

Parameter		Value
Type		
	TA5211-TSCL-B	Removable 3-pin terminal block: screw front/cable side 5.00 mm pitch
	TA5212-TSCL	
Usage		Power supply for AC500-eCo V3 processor modules
Conductor cross section		
	Solid (copper)	0.5 mm ² ... 2.5 mm ²
	Flexible (copper)	0.5 mm ² ... 2.5 mm ²
Stripped conductor end		7 mm
Fastening torque		0.5 Nm
Dimensions		
	3-pin terminal block	15 mm x 12.4 mm x 26.05 mm
Weight		
	TA5211-TSCL-B	150 g (2 terminal blocks)
	TA5212-TSCL	200 g (3 terminal blocks)

Table 3: Spring terminal block for power supply

Parameter		Value
Type		
	TA5211-TSPF-B	Removable 3-pin terminal block: spring front/cable front 5.00 mm pitch
	TA5212-TSPF	
Usage		Power supply for AC500-eCo V3 processor modules
Conductor cross section		
	Solid (copper)	0.5 mm ² ... 2.5 mm ²
	Flexible (copper)	0.5 mm ² ... 2.5 mm ²
Stripped conductor end		11 mm
Dimensions		
	3-pin terminal block	15 mm x 15 mm x 25.95 mm
Weight		
	TA5211-TSPF-B	150 g (2 terminal blocks)
	TA5212-TSPF	200 g (3 terminal blocks)

Table 4: Screw terminal block for onboard I/Os

Parameter		Value
Type		
	TA5211-TSCL-B	Removable 13-pin terminal block: screw front/cable side 5.00 mm pitch
	TA5212-TSCL	
	TA5212-TSCL	Removable 13-pin and 12-pin terminal block: screw front/cable side 5.00 mm pitch

Parameter		Value
Usage		Onboard I/Os for AC500-eCo V3 processor modules
Conductor cross section		
	Solid (copper)	0.5 mm ² ... 2.5 mm ²
	Flexible (copper)	0.5 mm ² ... 2.5 mm ²
Stripped conductor end		7 mm
Fastening torque		0.5 Nm
Dimensions		
	13-pin terminal block	65 mm x 12.4 mm x 26.05 mm
	12-pin terminal block	60 mm x 12.4 mm x 26.05 mm
Weight		
	TA5211-TSCL-B	150 g (2 terminal blocks)
	TA5212-TSCL	200 g (3 terminal blocks)

Table 5: Spring terminal block for onboard I/Os

Parameter		Value
Type		
	TA5211-TSPF-B	Removable 13-pin terminal block: spring front/cable front 5.00 mm pitch
	TA5212-TSPF	Removable 13-pin and 12-pin terminal block: spring front/cable front 5.00 mm pitch
Usage		Onboard I/Os for AC500-eCo V3 processor modules
Conductor cross section		
	Solid (copper)	0.5 mm ² ... 2.5 mm ²
	Flexible (copper)	0.5 mm ² ... 2.5 mm ²
Stripped conductor end		11 mm
Dimensions		
	13-pin terminal block	65 mm x 15 mm x 25.95 mm
	12-pin terminal block	60 mm x 15 mm x 25.95 mm
Weight		
	TA5211-TSPF-B	150 g (2 terminal blocks)
	TA5212-TSPF	200 g (3 terminal blocks)