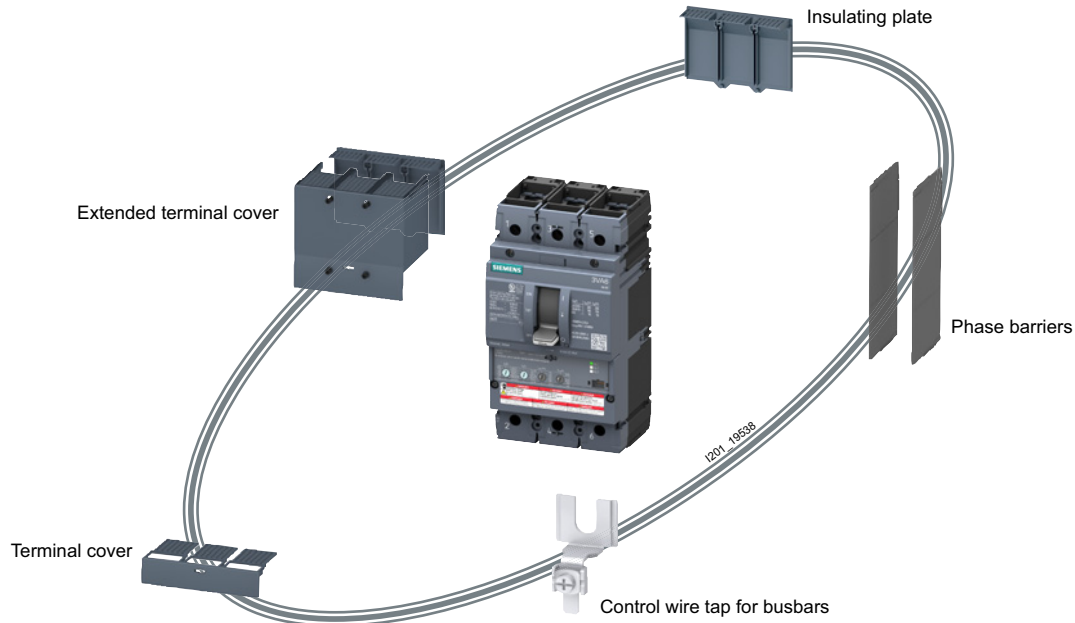


Further connection accessories

Insulation / control wire taps

The connection accessories portfolio includes an extensive selection of insulating components (phase barriers, terminal

covers, etc.). Control wire taps for box terminals and busbars are also available.



Terminal covers

Terminal covers are insulating and sealable insulation accessories which protect against accidental contact with main current paths. When mounted on the circuit breaker, terminal covers at the front provide degree of protection IP4x and when correctly installed at the infeed and load ends of the breaker, degree of protection IP2x. All terminal covers have a recess on the inside face that can be drilled out if necessary so that safe isolation can be afforded by commercially available voltage detectors.

- Short terminal covers are normally installed for all types of front termination that do not exceed the geometric dimensions of the molded case circuit breaker (the termination area) (e.g. box terminal, nut keeper kit, etc.).
- Extended terminal covers are required when bar extensions or external terminals (i.e. terminals that exceed the dimensions of the termination area of the molded case circuit breaker) are installed. The extended terminal cover consists of two parts, an insulating plate and the top half of the terminal cover. Both parts are attached by screws and thus afford the degrees of protection specified above.
- Broad terminal covers are required when broadened connection bars are installed. The extended terminal cover consists of two parts, a broadened insulating plate and the top half of the terminal cover. Both parts are attached by screws and thus afford the degrees of protection specified above.

Insulating plates

The purpose of insulating plates is to insulate the main terminals of the molded case circuit breaker from the mounting plate (cubicle).

- Insulating plate: in combination with front bus connectors, for example
- Rear insulating plate offset: in combination with front bus connectors offset, for example

Control wire taps

All wire connectors can be ordered with or without control wire taps (see page 1/10, [Front terminals](#)). The following accessories are available to allow the implementation of a control wire tap in combination with a box terminal or busbar connection:

- Control wire taps for busbars: This tap is attached by screws directly to the busbar.

All control wire taps are rated for a maximum load of 6 A. Cables of up to 2.5 mm² / AWG 14 can be connected.

Benefits









- High degree of flexibility
- Cables and busbars can be connected quickly and easily to the 3VA UL molded case circuit breaker
- Extensive selection of connection accessories

3VA UL Molded Case Circuit Breakers

Accessories and Spare Parts

Connection technology

Selection and ordering data

	Version	Minimum cable cross-section (stranded) Class B	Maximum cable cross-section (stranded) Class B	For molded case circuit breakers/ rated current				DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PE (UNIT, SET, M)	PS*/ P. unit	PG
				3VA5 125 A	3VA5 250 A	3VA6 150 A 250 A	3VA6 400 A 600 A						
Box terminals													
 3VA9233-OJA12	Box terminal <ul style="list-style-type: none">• Connection of Cu cable• Included in scope of supply: 3 single terminals	AWG 14	3/0	✓	--	--	--		3VA9133-OJA11		1	1 unit	1CB
		AWG 10 ¹⁾	3/0 ¹⁾	--	✓	--	--		3VA9233-OJA11		1	1 unit	1CB
		AWG 4	350 kcmil	--	✓	--	--		3VA9233-OJA12		1	1 unit	1CB
		AWG 10	3/0	--	--	✓	--		3VA9143-OJA12		1	1 unit	1CB
		AWG 4	350 kcmil	--	--	✓	--		3VA9243-OJA12		1	1 unit	1CB
 3VA9244-OJA12	Box terminal <ul style="list-style-type: none">• Connection of Cu cable• Included in scope of supply: 4 single terminals	1/0	500 kcmil	--	--	--	✓		3VA9473-OJA13		1	1 unit	1CB
		AWG 10	3/0	--	--	✓	--		3VA9144-OJA12		1	1 unit	1CB
		AWG 4	350 kcmil	--	--	✓	--		3VA9244-OJA12		1	1 unit	1CB
		1/0	500 kcmil	--	--	--	✓		3VA9474-OJA13		1	1 unit	1CB
Wire connectors													
 3VA9243-OJB12	Wire connector <ul style="list-style-type: none">• Connection of Cu/Al cable• Included in scope of supply: 3 single terminals	AWG 14	3/0	✓	--	--	--		3VA9133-OJB11		1	1 unit	1CB
		AWG 6	350 kcmil	--	✓	--	--		3VA9233-OJB12		1	1 unit	1CB
		AWG 14	1/0	--	--	✓	--		3VA9143-OJB11		1	1 unit	1CB
		AWG 6	350 kcmil	--	--	✓	--		3VA9243-OJB12		1	1 unit	1CB
		AWG 1	600 kcmil	--	--	--	✓		3VA9373-OJB13		1	1 unit	1CB
 3VA9244-OJB12	Wire connector <ul style="list-style-type: none">• Connection of Cu/Al cable• Included in scope of supply: 4 single terminals	AWG 14	1/0	--	--	✓	--		3VA9144-OJB11		1	1 unit	1CB
		AWG 6	350 kcmil	--	--	✓	--		3VA9244-OJB12		1	1 unit	1CB
		AWG 1	600 kcmil	--	--	--	✓		3VA9374-OJB13		1	1 unit	1CB
 3VA9243-OJG12	Wire connector with control wire tap¹⁾ <ul style="list-style-type: none">• Connection of Cu/Al cable• Included in scope of supply: 3 single terminals	AWG 14	3/0	✓	--	--	--		3VA9133-OJG11		1	1 unit	1CB
		AWG 6	350 kcmil	--	✓	--	--		3VA9233-OJG12		1	1 unit	1CB
		AWG 14	1/0	--	--	✓	--		3VA9143-OJG11		1	1 unit	1CB
		AWG 6	350 kcmil	--	--	✓	--		3VA9243-OJG12		1	1 unit	1CB
		AWG 1	600 kcmil	--	--	--	✓		3VA9373-OJG13		1	1 unit	1CB
 3VA9244-OJG12	Wire connector with control wire tap¹⁾ <ul style="list-style-type: none">• Connection of Cu/Al cable• Included in scope of supply: 4 single terminals	AWG 14	1/0	--	--	✓	--		3VA9144-OJG11		1	1 unit	1CB
		AWG 6	350 kcmil	--	--	✓	--		3VA9244-OJG12		1	1 unit	1CB
		AWG 1	600 kcmil	--	--	--	✓		3VA9374-OJG13		1	1 unit	1CB
 3VA9243-OJJ13	Wire connector, large <ul style="list-style-type: none">• Connection of Cu/Al cable• Included in scope of supply: 3 single terminals and 1 extended terminal cover	AWG 4	300 kcmil	✓	--	--	--		3VA9133-OJJ12		1	1 unit	1CB
		AWG 2	350 kcmil	--	✓	--	--		3VA9233-OJJ13		1	1 unit	1CB
		AWG 2	350 kcmil	--	--	✓	--		3VA9243-OJJ13		1	1 unit	1CB
 3VA9244-OJJ13	Wire connector, large <ul style="list-style-type: none">• Connection of Cu/Al cable• Included in scope of supply: 4 single terminals and 1 extended terminal cover	AWG 2	350 kcmil	--	--	✓	--		3VA9244-OJJ13		1	1 unit	1CB

¹⁾ Start of delivery scheduled for 1st quarter 2017