



ORDER SUPPORT

3VA molded case circuit breaker with IEC- and UL-certification

One system. Global use.

Ordering systematic

The order number of the 3VA molded case circuit breaker with IEC- and UL-certification in accordance with North American standards is systematically structured and provides information about the most important features.

[siemens.com/3va](https://www.siemens.com/3va)

Ordering systematic		3VA	...	...	...	-	...	...	...	...	...	-	...	...
Breaker Type:	Thermomagnetic	5												
	Electronic	6												
Frame size (FS)	125 A/150 A	1												
	250 A	2												
	400 A	3												
	600 A	4												
	800 A	5												
	1,000 A	6												
	1,200 A	7												
	1,600 A	8												
	2,000 A	9												

SIEMENS

Ordering systematic

3VA

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Max. rated current I_n

		3VA51	3VA52	3VA53	3VA54	3VA55	3VA57	3VA58	3VA59	3VA61	3VA62	3VA63	3VA64	3VA65	3VA66	3VA67	3VA68	3VA69	
Line protection	15 A	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95
	20 A	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
	25 A	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25
	30 A	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
	35 A	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
	40 A	•	•	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	40
	45 A	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45
	50 A	•	•	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	50
	60 A	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60
	70 A	•	•	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	70
	80 A	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80
	90 A	•	•	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	90
	100 A	•	•	-	-	-	-	-	-	•	•	-	-	-	-	-	-	-	10
	110 A	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
	125 A	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
	150 A	-	•	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-	15
	175 A	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
	200 A	-	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
	225 A	-	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22
	250 A	-	•	•	-	-	-	-	-	•	•	-	-	-	-	-	-	-	25
	300 A	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
	350 A	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
	400 A	-	-	•	-	-	-	-	-	-	-	•	•	-	-	-	-	-	40
	450 A	-	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	45
	500 A	-	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	50
	600 A	-	-	-	•	•	-	-	-	-	-	-	•	•	-	-	-	-	60
	700 A	-	-	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	70
	800 A	-	-	-	-	•	•	-	-	-	-	-	-	•	•	-	-	-	80
	900 A	-	-	-	-	•	-	-	-	-	-	-	-	-	•	•	-	-	90
	1,000 A	-	-	-	-	•	-	-	-	-	-	-	-	-	•	•	-	-	10
	1,200 A	-	-	-	-	•	-	-	-	-	-	-	-	-	•	-	-	-	12
	1,400 A	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-	-	-	14
	1,600 A	-	-	-	-	-	•	-	-	-	-	-	-	-	-	•	-	-	16
	1,800 A	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-	-	18
	2,000 A	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	•	-	20

Breaking capacity in kA @ 480 V AC:

3VA5	3VA6	
MCP/MCS		0
MCP/MCS	MCP	1
25		4
35	35	5
65	65	6
100	100	7
	150	8
	200	0

Trip unit 3VA5: characteristic curve, type

		L	I	N	
Line protection	MCS110	-	fix	without	BB
	TM210	fix	fix	without	ED
	TM230	fix	adj	without	EC
	TM240	adj	adj	without	EF
	TM210	fix	fix	100%	GD
	TM230	fix	adj	100%	GC
	TM240	adj	adj	100%	GF
	TM120M	-	adj	without	MH
Starter protection	TM120M	-	adj	without	MU

Trip unit 3VA6: characteristic curve, type

		L	S	I	G	N ¹⁾	LCD	EFB300	MMB300	COM.	
Line protection	MCS110	-	-	•	-	-	-	•	•	-	BB
	ETU320	•	-	•	-	•	-	•	•	-	HL
	ETU330	•	-	•	•	•	-	•	•	-	HM
	ETU350	•	•	•	-	•	-	•	•	-	HN
	ETU360	•	•	•	•	•	-	-	-	-	HQ
	ETU550	•	•	•	-	•	•	•	•	•	JP
	ETU556	•	•	•	• ²⁾	•	•	•	•	•	JT
	ETU560	•	•	•	•	•	•	•	•	•	JQ
	ETU820	•	-	•	-	•	•	•	•	•	KL
	ETU830	•	-	•	•	•	•	•	•	•	KM
	ETU850	•	•	•	-	•	•	•	•	•	KP
	ETU856	•	•	•	• ²⁾	•	•	•	•	•	KT
	ETU860	•	•	•	•	•	•	•	•	•	KQ
	ETU310M	-	-	•	-	-	-	•	•	-	MS

Pole:

1-pole	1
2-pole	2
3-pole	3
4-pole	4
2(3)-pole	6

Connection technology:

without	1
Nut keeper	2

Special Applications:

Standard	0
100 % rated breaker	2

Auxiliary releases:

without	0A
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Aux. alarm switches:

without	A0
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fix = fixed
adj = adjustable

¹⁾ Available in a version with external current transformer for N conductor or 4-pole breaker. N protection is only available for 4-pole breakers with trip unit ETU 3-series and for 3-pole breakers with trip unit ETU 5- and 8-series.

²⁾ G alarm