

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

One system. Global use.

Whether in industrial applications, buildings, or infrastructure: As a modular, highly variable system, the 3VA range of molded case circuit breakers provides thoroughly reliable operator and plant protection while supporting every process phase – from planning to the operation of electrical power distribution.

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.



Ordering systematic

3VA

Breaker Type:	Thermomagnetic trip unit	5	6															
	Electronic trip unit	5	6															
Frame size:	125 A / 150 A	1																
	250 A	2																
	400 A	3																
	600 A	4																
	800 A	5																
	1,000 A	6																
Rated current I_n in A:	3VA51 3VA52 3VA53 3VA54 3VA55 3VA61 3VA62 3VA63 3VA64 3VA65 3VA66																	
	15															95		
	20		200						200							20		
			225													22		
	25		250		25			250								25		
	30		300		30											30		
	35		350					400								35		
	40	40	400		40				400							40		
	45	45		450												45		
	50	50		500		50			500							50		
	60	60		600	600				600	600						60		
	70	70			700	70										70		
	80	80			800	80					800					80		
	90	90				90										90		
	100	100				100	100					1,000				10		
	110	110						110								11		
	125	125														12		
		150				150	150									15		
		175														17		
		200						200								20		
		225						250								22		
		250														25		
Breaking capacity in kA @ 480 V AC:	3VA5	3VA6																
	MCP/MCS	200														0		
	MCP/MCS	MCP														1		
	25															4		
	35		35													5		
	65		65													6		
	100		100													7		
			150													8		
Trip unit 3VA5:					L	I	N											
characteristic curve, type																		
	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
	Starter protection	TM120M	-	adj	without													MH
		TM120M	-	adj	without													MU
Trip unit 3VA6:					L	S	I	G	N¹	LCD	EFB300	MMB300	COM.					
characteristic curve, type																		
	Line protection	MCS110			✓						✓	✓						BB
		ETU320	✓		✓				✓		✓	✓						HL
		ETU330	✓		✓	✓	✓	✓	✓		✓	✓						HM
		ETU350	✓	✓	✓	✓		✓	✓		✓	✓						HN
		ETU550	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓					JP
		ETU556	✓	✓	✓	✓	✓ ²	✓	✓	✓	✓	✓	✓	✓				JT
		ETU560	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				JQ
		ETU820	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				KL
		ETU830	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				KM
		ETU850	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				KP
		ETU856	✓	✓	✓	✓	✓ ²	✓	✓	✓	✓	✓	✓	✓				KT
		ETU860	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				KQ
	Starter protection	ETU310M			✓						✓	✓						MS
Pole:	1 pole																	1
	2 pole																	2
	3 pole																	3
	4 pole																	4
	1(2) pole																	5
	2(3) pole																	6
Connection technology:	without																	1
	Nut keeper																	2
Special Applications:	Standard																	0
	50° C / UL489 Supplement SB																	1
	100 % rated breaker																	2
Auxiliary releases:	without																	0A
Aux. alarm switches:	without																	A0

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 tripping unit ETU 3-series and for 3-pole breakers with tripping unit ETU 5- and 8-series.