



DATA SHEET

3WA2 UL 489 Power Circuit Breaker

usa.siemens.com/3WA

The 3WA2 power circuit breaker is UL 489 rated and built on the solid foundation of the WL product line. It features modular components that allow for easy customization and maintenance. Designed for protecting low-voltage power distribution systems, the 3WA2 power circuit breakers are available in a range of sizes and can interrupt up to 150 kA.

Key advantages of the 3WA2 power circuit breaker:

1. New compact frame size 1 – rated up to 2000 A.
2. Next generation trip system with enhanced power metering and protective relay functionality.
3. Integral active arc-flash mitigation.

Note on UL 489: 3WA2 low-voltage power circuit breakers are generally intended to provide feeder and branch circuit protection in accordance with UL 489 Standard for Safety for Molded-Case Circuit Breakers. Power circuit breakers are typically applied within low-voltage switchboards, motor control centers, and other industrial control equipment.

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3WA21

Model Details

Product Name	3WA21
Product Family	SENTRON
Type of Circuit Breaker	Power Circuit Breaker
Certification	UL 489



Technical Data

Basic Data		3WA21			
Frame Size		1			
Rated Current I_n	[A]	800	1200	1600	2000
Type of Mounting		Drawout or Stationary			
Number of Poles		3 Pole			
Minimum Enclosure Dimensions	[in]	22.5 H / 14 W / 19.5 D			
Ambient Operating Temperature	[C°]	-25 to 40			
Interrupt Rating at 240 Vac, 480 Vac		[kA]			
N Class		50			
S Class		65			
H Class		100			
Interrupt Rating at 600 Vac		[kA]			
N Class		50			
S Class		65			
H Class		65			
Interrupt Rating at 1000/577 Vac		[kA]			
E Class		50			
Weights		[lb / kg]			
Stationary Circuit Breaker		88 / 40	88 / 40	99 / 45	101 / 46
Drawout Circuit Breaker		107 / 48.5	107 / 48.5	120 / 51.5	122 / 59
Cradle		111 / 50	111 / 50	113 / 51.5	129 / 58.5

3WA22

Model Details

Product Name	3WA22
Product Family	SENTRON
Type of Circuit Breaker	Power Circuit Breaker
Certification	UL 489



Technical Data

Basic Data		3WA22					
Frame Size		2					
Rated Current I _n	[A]	800	1200	1600	2000	2500	3000
Type of Mounting		Drawout or Stationary					
Number of Poles		3 Pole					
Minimum Enclosure Dimensions	[in]	22.5 H / 22 W / 19.5 D					
Ambient Operating Temperature	[C°]	-25 to 40					
Interrupt Rating at 240 Vac, 480 Vac		[kA]					
N Class		-					
S Class		65					
H Class		100					
Interrupt Rating at 600 Vac		[kA]					
N Class		-					
S Class		65					
H Class		85					
Interrupt Rating at 1000/577 Vac		[kA]					
E Class		85					
Weights		[lb / kg]					
Stationary Circuit Breaker		123 / 56	123 / 56	123 / 56	134 / 61	163 / 74	163 / 78
Drawout Circuit Breaker		151 / 68.5	151 / 68.5	151 / 68.5	160 / 72.5	179 / 81.5	179 / 81.5
Cradle		122 / 55.5	122 / 55.5	122 / 55.5	140 / 63.5	153 / 69.5	153 / 69.5

3WA23

Model Details

Product Name	3WA23
Product Family	SETRON
Type of Circuit Breaker	Power Circuit Breaker
Certification	UL 489



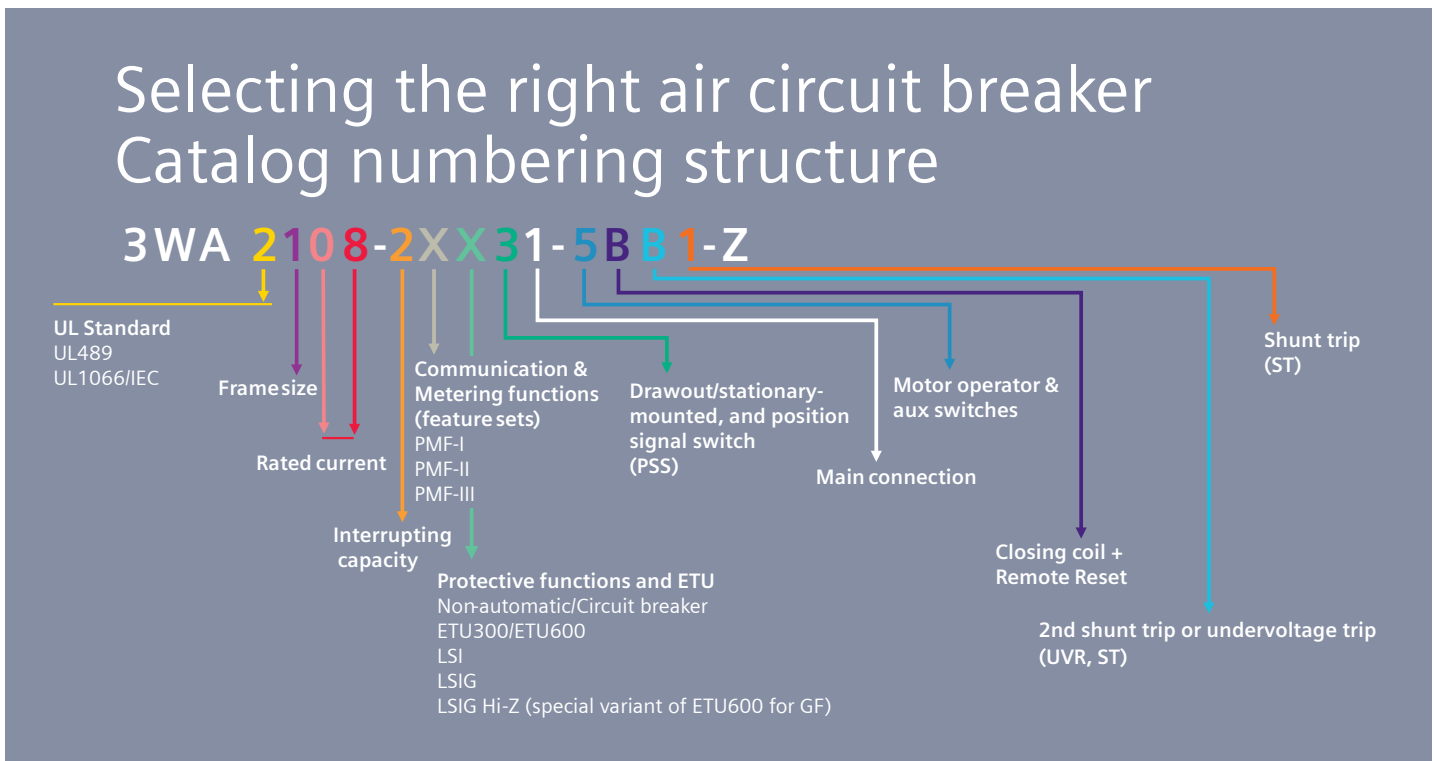
Technical Data

Basic Data		3WA23	
Frame Size		3	
Rated Current I_n	[A]	4000	5000
Type of Mounting		Drawout or Stationary	
Number of Poles		3 Pole	
Minimum Enclosure Dimensions	[in]	22.5 H / 32 W / 19.5 D	
Ambient Operating Temperature	[C°]	-25 to 40	
Interrupt Rating at 240 Vac, 480 Vac		[kA]	
H Class		100	
C Class		150	
Interrupt Rating at 600 Vac		[kA]	
H Class		85	
C Class		100	
Interrupt Rating at 1000/577 Vac		[kA]	
E Class		85	
Weights		[lb / kg]	
Stationary Circuit Breaker		301 / 137	350 / 159
Drawout Circuit Breaker		256 / 116.5	305 / 138.5
Cradle		250 / 113.5	267 / 121.5

Additional Benefits

- Cost reduction and space savings with Frame Size 1
- Compatible with ETU300 and ETU600
- LSIG and Personal Protective – DAS+ protection
- Improved metering, monitoring, and testing with the help of the SENTRON powerconfig tool
- Comes with standard components preinstalled – reduces time and complexity in planning and ordering processes
- Ease in selection and configuration with the configurator tool
- Interface with ETUs either physically or through USB-C or Bluetooth
- Communication capabilities with the ETU through CubicleBus2 module
- Zone Selective Interlocking
- Set of Accessories
 - Electronic Trip Units
 - Digital Function Packages for ETUs
 - Option Plugs
 - Locking solutions for stationary-mounted designs
 - Remote Trip Alarm
 - Replacement battery

Catalog Number



To get details on catalog number and configuration guide visit: <https://mall.industry.siemens.com/mall/en/us/Catalog/Configurators>.

For detailed information on 3WA breakers visit usa.siemens.com/3WA.

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