



DATA SHEET

3WA3 UL 1066 Power Circuit Breaker

usa.siemens.com/3WA

The 3WA3 circuit breaker is UL 1066 rated, built on the solid foundation of the WL breaker product line, tested beyond industry standards, and features modular components that allows for easy customization and maintenance. Designed for protecting low-voltage power distribution systems, it is available in a range of sizes and can interrupt up to 150 kA.

Key advantages of the 3WA3 breaker:

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

Note on UL1066: 3WA3 low-voltage power circuit breakers are intended to provide main and feeder circuit protection in accordance with UL1066 Standard for Safety for Low-Voltage AC and DC Power Circuit Breakers used in enclosures. These breakers are constructed in compliance with ANSI/IEEE C37.13, and performance tested in accordance with ANSI C37.50. These breakers are acceptable for use with low-voltage switchgear, switchboards, motor control centers, energy storage systems, microgrids and other industrial control equipment.

SIEMENS

3WA31

Model Details	
Product Name	3WA31
Product Family	SENTRON
Type of Circuit Breaker	Power Circuit Breaker
Certification	UL1066/ IEC60947-2



Technical Data						
Basic Data		3WA31				
Frame Size		1				
Rated Current I _n	[A]	800	1000	1200	1600	2000
Type of Mounting		Drawout or Stationary				
Number of Poles		3 or 4 Pole				
3-Pole Minimum Enclosure Dimensions	[in]	22.5 H / 14 W / 19.5 D				
Ambient Operating Temperature	[C°]	-25 to 40				
Interrupt Rating at 254 Vac, 508 Vac		[kA]				
N Class		50				
S Class		65				
Interrupt Rating at 635 Vac		[kA]				
N Class		50				
S Class		65				
Interrupt Rating at 730 Vac		[kA]				
E Class		65				
Weights		[lb / kg]				
Stationary Circuit Breaker		88 / 40	88 / 40	88 / 40	99 / 45	101 / 46
Drawout Circuit Breaker		107 / 48.5	107 / 48.5	107 / 48.5	120 / 55.5	122 / 55.5
Cradle		111 / 50.5	111 / 50.5	111 / 50.5	113 / 51.5	129 / 58.5

3WA32

Model Details

Product Name	3WA32
Product Family	SENTRON
Type of Circuit Breaker	Power Circuit Breaker
Certification	UL1066/ IEC60947-2



Technical Data

Basic Data		3WA32					
Frame Size		2					
Rated Current I_n	[A]	800	1200	1600	2000	2500	3200
Type of Mounting		Drawout or Stationary					
Number of Poles		3 or 4 Pole					
3-Pole Minimum Enclosure Dimensions	[in]	22.5 H / 22 W / 19.5 D					
Ambient Operating Temperature	[C°]	-25 to 40					
Interrupt Rating at 254 Vac, 508 Vac		[kA]					
N Class		50					
S Class		65					
M Class		85					
H Class		100					
E Class		100					
Interrupt Rating at 635 Vac		[kA]					
N Class		50					
S Class		65					
M Class		65					
H Class		85					
Interrupt Rating at 730 Vac		[kA]					
E Class		85					
Weights		[lb / kg]					
Stationary Circuit Breaker		123 / 56	123 / 56	123 / 56	134 / 61	163 / 74	163 / 74
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

3WA33

Model Details

Product Name	3WA33
Product Family	SENTRON
Type of Circuit Breaker	Power Circuit Breaker
Certification	UL1066/ IEC60947-2



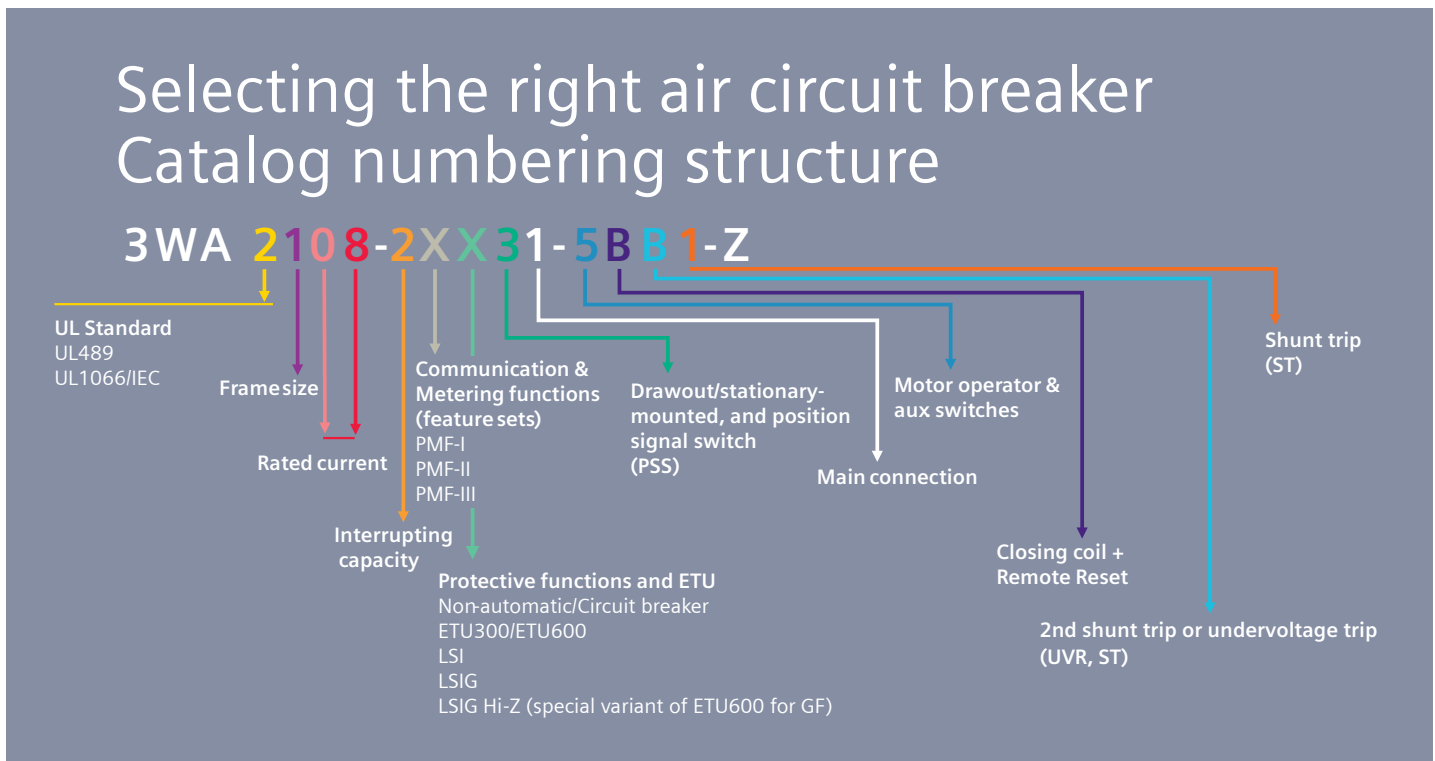
Technical Data

Basic Data		3WA33		
Frame Size		3		
Rated Current I _n	[A]	3200	4000	5000
Type of Mounting		Drawout or Stationary		
Number of Poles		3 or 4 Pole		
3-Pole Minimum Enclosure Dimensions	[in]	22.5 H / 32 W / 19.5 D		
Ambient Operating Temperature	[C°]	-25 to 40		
Interrupt Rating at 254 V AC, 508 V AC		[kA]		
M Class		–	85	
H Class		–	100	
E Class		–	100	
C Class		150	150	
Interrupt Rating at 635 V AC		[kA]		
M Class		–	65	
H Class		–	85	
C Class		100	100	
Interrupt Rating at 730 V AC		[kA]		
E Class		–	100	
Weights		[lb / kg]		
Stationary Circuit Breaker		350 / 159	350 / 159	350 / 159
Drawout Circuit Breaker		305 / 139	306 / 139	307 / 139
Cradle		267 / 121	267 / 121	267 / 121

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 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 Plug
 - Comprehensive locking solutions for stationary mount or draw out
 - 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.

Legal Manufacturer

Siemens Industry, Inc.
3617 Parkway Ln
Peachtree Corners, GA 30092
United States of America
Telephone: +1 (800) 333-7421
www.usa.siemens.com/3WA
Order No. CPDS-3WA3C-1023
© 10.2023, Siemens Industry, Inc.

This document contains a general description of available technical options only, and its effectiveness will be subject to specific variables including field conditions and project parameters. Siemens does not make representations, warranties, or assurances as to the accuracy or completeness of the content contained herein. Siemens reserves the right to modify the technology and product specifications in its sole discretion without advance notice.

SIEMENS