

Medium voltage vacuum breakers and components—5–27 kV



New to the Eaton medium voltage VCP-W circuit breaker line is an OEM offering of direct roll-in breakers. Using the same proven technology of the existing type VCP-W, this new line of VCP-W roll-in circuit breakers comes complete with its own complementary cell part kits, mini-modules and power modules.

Direct roll-in breaker

Many industries require circuit breaker elements to be capable of racking directly from the floor position. This feature saves the additional cost and space of lifting provisions and equipment. The direct roll-in design provides these benefits along with increased ease of maneuverability, while using a readily available standard breaker.

The direct roll-in units are offered with kits to modify standard or existing VCP-W breaker elements. The kit is made up of four pre-assembled wheels.

The direct roll-in circuit breaker pan is designed similarly to the existing VCP-W pan, but enables the circuit breaker to roll directly into the cell from the floor. The standard VCP-W circuit breaker and cell rail system are still an integral part of the direct roll-in design, to ensure that the breaker and cell are still perfectly aligned.

Complete direct roll-in system

Several easy-to-install components comprise the complete direct roll-in system:

- Standard circuit breaker
- Circuit breaker wheel kit
- Cell part kits, mini-modules, power module

Choice of design for customers' specifications

Eaton now has two different packages available to choose from in 5 kV, 8.25 kV and 15 kV products up to 63 kA, and 27 kV up to 40 kA.

The original VCP-W breaker used with:

- Cell part kits
- Mini-modules
- Power modules



Powering Business Worldwide

Catalog ordering information direct roll-in components

Product	Description	Style Number
Wheel kit	Breaker wheel conversion kit (5, 8.25, 15 and 27 kV)	68C5010G01
Swivel kit	Swivel	68C5010G11
Cell switches	TOC (truck operated)	691C568G06
	MOC (mechanism operated 5a/5b contacts (test & connect)	6510C50G12
	MOC (mechanism operated 5a/5b contacts (connect only)	6510C50G13
	MOC (mechanism operated 10a/10b contacts (test & connect)	6510C50G14
	MOC (mechanism operated 10a/10b contacts (connect only)	6510C50G15
	MOC (mechanism operated 15a/15b contacts (test & connect)	6510C50G16
	MOC (mechanism operated 15a/15b contacts (connect only)	6510C50G17
Breaker cell parts kit	Direct roll-in lower breaker cell parts kit, 41 kA, 1200A, glass polyester	69C4100G01
	Direct roll-in lower breaker cell parts kit, 41 kA, 2000A, glass polyester	69C4100G02
	Direct roll-in lower breaker cell parts kit, 41 kA, 1200A, porcelain	69C4100G03
	Direct roll-in lower breaker cell parts kit, 41 kA, 2000A, porcelain	69C4100G04
	Direct roll-in lower breaker cell parts kit, 50 kA, 1200A, glass polyester	69C4100G51
	Direct roll-in lower breaker cell parts kit, 50 kA, 2000A, glass polyester	69C4100G52
	Direct roll-in lower breaker cell parts kit, 50 kA, 3000A, glass polyester	69C4100G53
	Direct roll-in lower breaker cell parts kit, 50 kA, 1200A, porcelain	69C4100G54
	Direct roll-in lower breaker cell parts kit, 50 kA, 2000A, porcelain	69C4100G55
	Direct roll-in lower breaker cell parts kit, 50 kA, 3000A, porcelain	69C4100G56
	Direct roll-in lower breaker cell parts kit, 63 kA, 1200A, glass polyester	69C4100G61
	Direct roll-in lower breaker cell parts kit, 63 kA, 2000A, glass polyester	69C4100G62
	Direct roll-in lower breaker cell parts kit, 63 kA, 3000A, glass polyester	69C4100G63
Mini modules	41 kA, 1200A, glass polyester lower only	1C18621G01
	41 kA, 1200A, porcelain lower only	1C18621G02
	41 kA, 2000A, glass polyester lower only	1C18621G03
	41 kA, 2000A, porcelain lower only	1C18621G04
	50 kA, 1200A, glass polyester lower only	1C18621G51
	50 kA, 1200A, porcelain lower only	1C18621G52
	50 kA, 2000A, glass polyester lower only	1C18621G53
	50 kA, 2000A, porcelain lower only	1C18621G54
	50 kA, 3000A, glass polyester lower only	1C18621G55
	50 kA, 3000A, porcelain lower only	1C18621G56
	63 kA, 1200A, glass polyester lower only	1C18621G61
	63 kA, 2000A, glass polyester lower only	1C18621G63
	63 kA, 3000A, glass polyester lower only	1C18621G65
Power modules	BLANK/1200, 41 kA, glass polyester	69C4063G01
	BLANK/2000, 41 kA, glass polyester	69C4063G02
	BLANK/1200, 41 kA, porcelain	69C4063G04
	BLANK/2000, 41 kA, porcelain	69C4063G05
	BLANK/1200, 50 kA, glass polyester	69C4063G11
	BLANK/2000, 50 kA, glass polyester	69C4063G12
	BLANK/3000, 50 kA, glass polyester	69C4063G13
	BLANK/1200, 50 kA, porcelain	69C4063G14
	BLANK/2000, 50 kA, porcelain	69C4063G15
	BLANK/3000, 50 kA, porcelain	69C4063G16
	BLANK/1200, 63 kA, glass polyester	69C4063G21
	BLANK/2000, 63 kA, glass polyester	69C4063G22
	BLANK/3000, 63 kA, glass polyester	69C4063G23

The breaker wheel kit works on the following products:

- 5, 8.25, 15 and 27 kV VCP-W
- 5, 8.25, 15 and 27 kV VCP-WC
- VCP-WSE
- VCP-WG
- 5, 8.25, 15 and 27 kV VCP-W, SMG and TD
- 5, 8.25, 15 kV VCP-W, EO, G and TD
- 38 kV no kit required



VCP-W Circuit Breaker



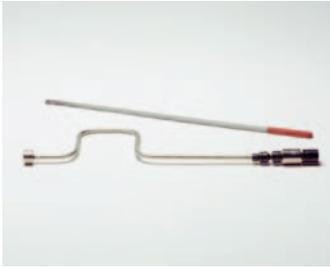
VCP-W Direct Roll-In
Circuit Breaker



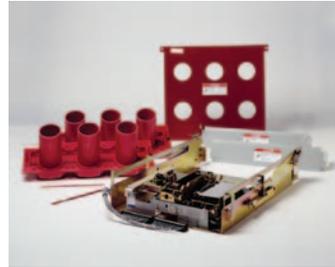
Mini-Module



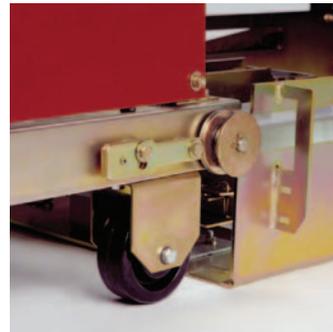
Breaker Fully Rolled or Racked
into Mini-Module



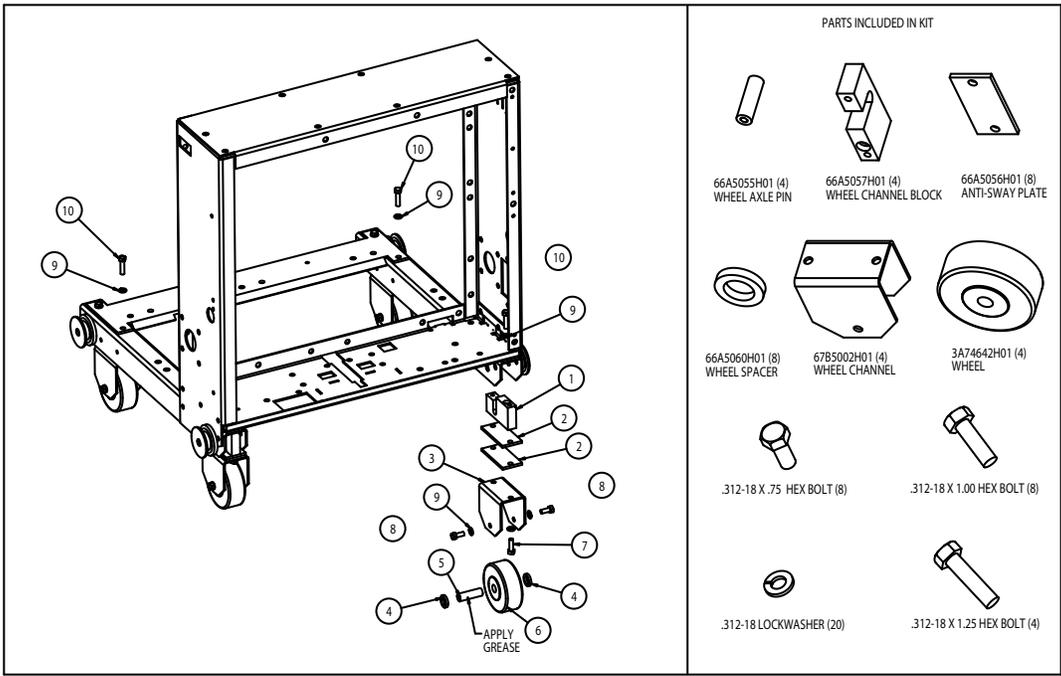
Standard Accessories



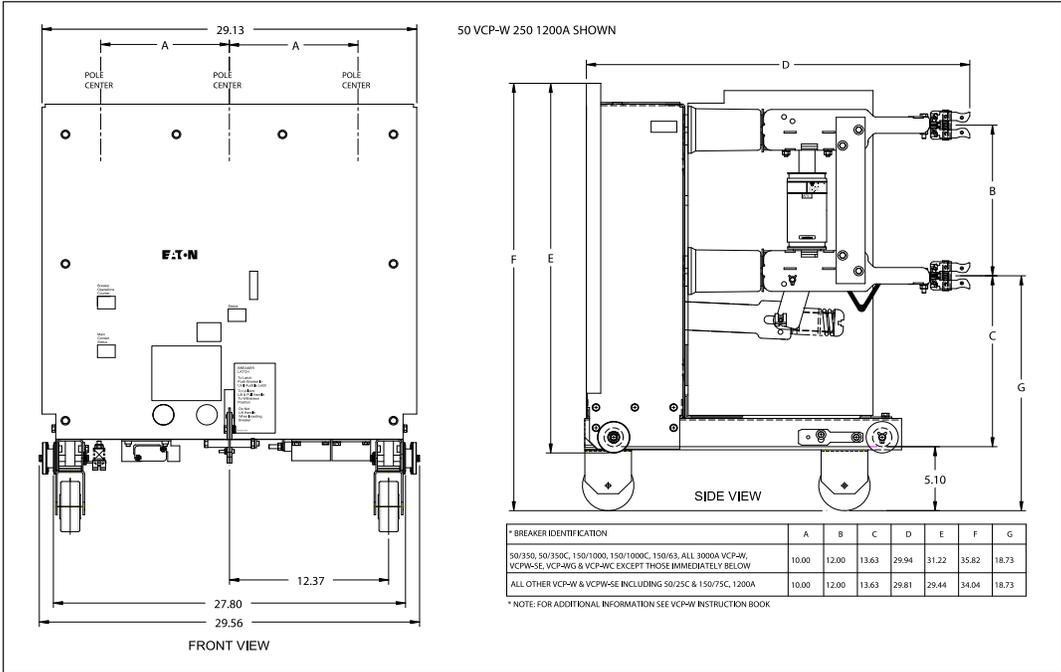
Cell Parts Kit



Direct Roll-In Unit



Breaker Wheel Kit



Direct Roll-In Dimensions

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