## Retrofit solutions for medium-voltage switchgear rated between 6 and 50 kV Retrofit for circuit breakers VD4/VM1

Name	Туре	Article number	Description Service directory	
Retrofit solution  — Circuit breaker	BA, BB, ZE, ZP, ZW OD3, OD4, SE	1HDS8001897G0100	Rated voltage: 17.5 kV Rated current: 1600-3000 A Rated short-circuit current: 40 kA	5
Retrofit solution  - Circuit breaker  OD, SJ	BA, BB, ZE, ZP, ZW	1HDS8001731G0200	Rated voltage: 17.5 kV Rated current: 1250 A Rated short-circuit current: 25 kA	
Retrofit solution  – Circuit breaker  OD, SJ, GK1	BA, BB, ZE, ZP, ZW	1HDSCE800715G0300	Rated voltage: 12 kV Rated current: 1250 A Rated short-circuit current: 31.5 kA	
Retrofit solution  - Circuit breaker  OD3, OD4, GD, HB	BA, BB, ZE, ZP, ZW, ZP	1HDS8001897G0400	Rated voltage: 17.5 kV Rated current: 1600 A Rated short-circuit current: 40 kA	No. of the second secon

## Retrofit solutions for medium-voltage switchgear rated between 6 and 50 kV Retrofit for circuit breakers VD4/VM1

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Name	Туре	Article number	Description Service directory	
Retrofit solution  — Circuit breaker  ASEA VHE / VHD	HKK	GCER007560R0101	Rated voltage: 12 kV/24 kV Rated current: 1200 – 3100 A Rated short-circuit current: 25 – 40 kA	
Retrofitsolution  — Circuit breaker  ASEA VHE / VHD  with PTI-Polteil	HKK	GCER007560R0101	Rated voltage:: 12 kV / 75 kV Rated current: 630 - 1250 A Rated short-circuit current:: 31,5 kA	
Retrofit solution  — Circuit breaker  ZK4	OD1 M	GCER007560R0101	Rated voltage: 17.5 kV Rated current: 1600 A Rated short-circuit current: 40 kA	

## Chapter 14 Contacts for Service Power Technologies

Service and diagnosis on products and installations for medium-voltage products	Phone: +49 (0)2102 12-1684 Email: power.service-team@de.abb.com		
Service and diagnosis on products and installations for high-voltage prducts	Phone: +49 (0)621 381-1881 Email: power.service-team@de.abb.com		
Service and diagnosis on products and installations for high-current systems	Phone: +49 (0)621 381-1881 Email: power.service-team@de.abb.com		
System service for installations rated up to 420 kV	Phone: +49 (0)621 381-1881 Email: power.service-team@de.abb.com		
Training seminars for medium-voltage and high-voltage products and installations rated between 6 and 420 kV	Phone: +49 (0)621 381-1881 Email: power.service-team@de.abb.com		
System service for offshore-installations	Phone: +49 (0)621 381-1881 Email: power.service-team@de.abb.com		
Electrical system consulting	Phone: +49 (0)621 381-2715 Email: neplan@de.abb.com		