

Original Equipment

Manufacture

Calor Emag

Switchgear

ZE2

Product

OD1

Ratings

Voltage (kV)

12

Current (A)

1250

Fault Rating (kA)

25



ABB Retrofit-Solution

Product Name

ZE2-VD4-12-Truck

Component(s)

VD4 1212-31

Rating

12 kV

1250 A

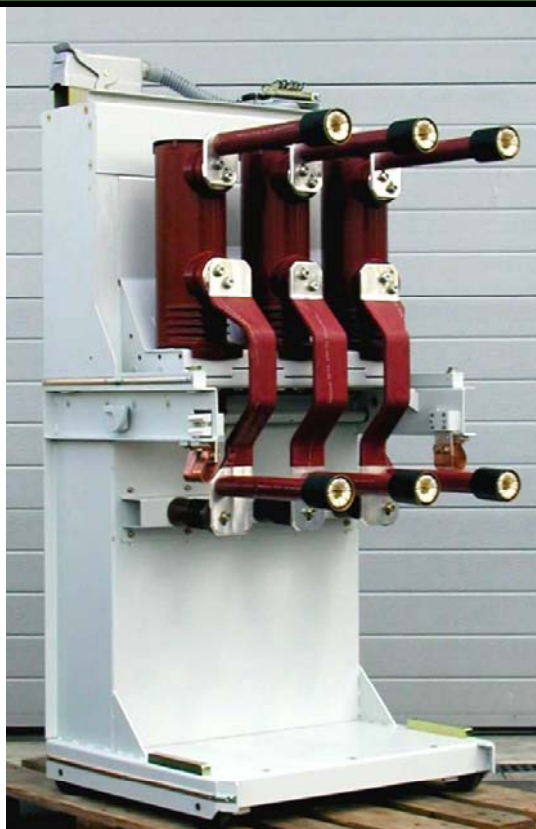
31,5 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Calor Emag

Switchgear

ZE4

Product

OD3

Ratings

Voltage (kV)

12

Current (A)

2500

Fault Rating (kA)

... 40

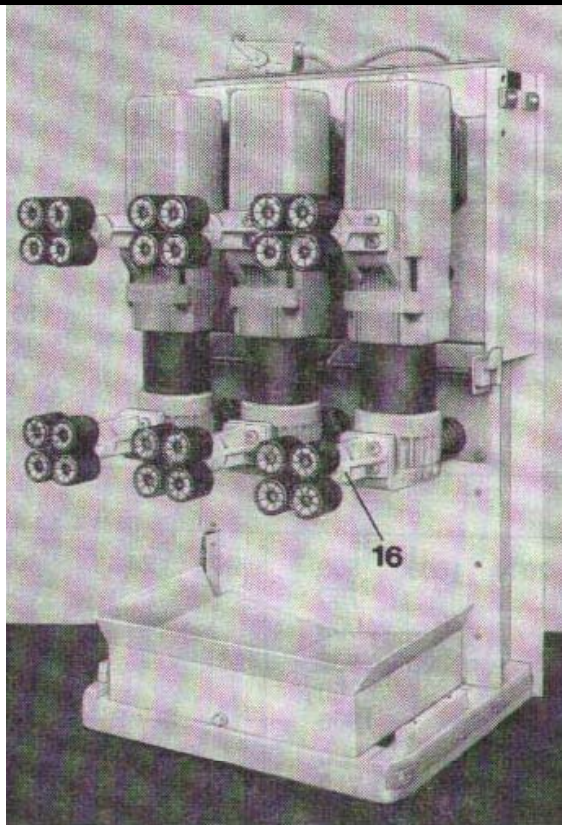


ABB Retrofit-Solution

Product Name

ZE4-VD4-4,5 kV-Truck

Component(s)

VD4-12 kV

MWD-Arresters

Rating

4,5 kV

2500 A

... 40 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Calor Emag
BBC

Switchgear

ZP
BA, BB

Product

OD3, OD4, GD, HB, VZ,
SD, SCA, VAL

Ratings

Voltage (kV)

24

Current (A)

... 1250

Fault Rating (kA)

... 31,5



ABB Retrofit-Solution

Product Name

ZE4-VD4-Truck

Component(s)

VD4
VM1

Rating

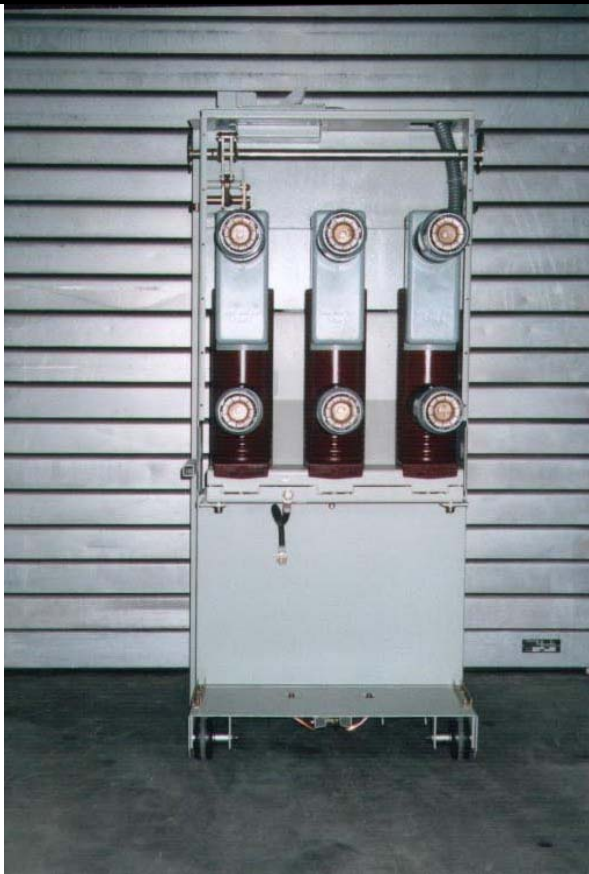
24 kV
... 1250 A
... 31,5 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Calor Emag

Switchgear

ZE

Product

**OD3, OD4, GD, HB, VZ,
SD, SCA, VAL**

Ratings

Voltage (kV)

24

Current (A)

... 1250

Fault Rating (kA)

... 31,5



ABB Retrofit-Solution

Product Name

ZE4-VD4-Truck

Component(s)

VD4

VM1

Rating

24 kV

... 1250 A

... 31,5 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Calor Emag
BBC

Switchgear

ZE, ... , BA, BB

Product

OD3, ... , SD, ... ,
BA, BB, ...

Ratings

Voltage (kV)

... 12 kV

Current (A)

... 1250 A

Fault Rating (kA)

... 31,5 kA



ABB Retrofit-Solution

Product Name

ZE4, ... , -VD4-12-Truck

Component(s)

VD4
VM1

Rating

... 12kV

... 1250 A

... 31,4 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Calor Emag

Switchgear

ZE ... , ZW ...

Product

OD3, VD2, HB, HC

Ratings

Voltage (kV)

36

Current (A)

... 2500

Fault Rating (kA)

... 25 kA

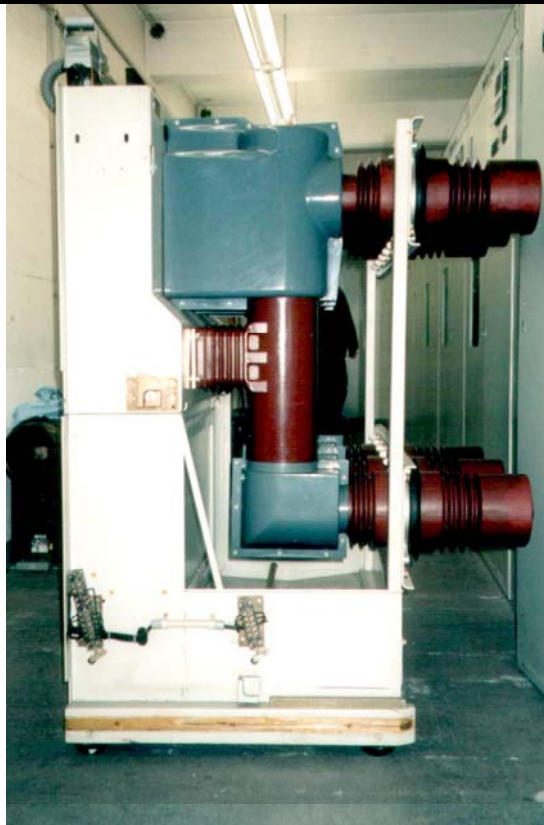


ABB Retrofit-Solution

Product Name

ZE4-VD4-36-Truck

Component(s)

VD4

Rating

36 kV

... 2500 A

... 31,5 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Calor Emag

BBC

Switchgear

ZE, ... , BA, BB

Product

OD3, ... , VZ1, ...

Ratings

Voltage (kV)

12

Current (A)

1250

Fault Rating (kA)

25

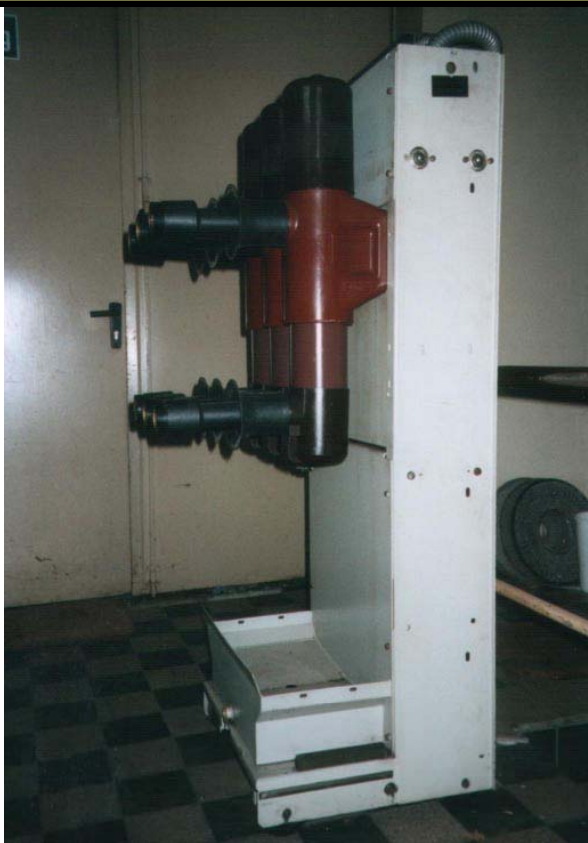


ABB Retrofit-Solution

Product Name

ZE4, ... , -VD4-Truck

Component(s)

VD4, VM1

Arresters

Rating

4,5 kV

1250 A

25 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Calor Emag

Switchgear

ZG3

Product

OG-Isocompact

Ratings

Voltage (kV)

17,5

Current (A)

630

Fault Rating (kA)

20kA



ABB Retrofit-Solution

Product Name

ZG3-VD4-17-Truck

Component(s)

VD4

Transformers

Rating

17,5 kV

630 A

20 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Calor Emag

Switchgear

ZH5

Product

OD3

Ratings

Voltage (kV)

12

Current (A)

630

Fault Rating (kA)

25



ABB Retrofit-Solution

Product Name

ZH5-VD4

Component(s)

VD4

VM1

Transformers

Rating

12 kV

630 A (... 2500 A)

20 kA (... 31,5 kA)

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Calor Emag

Switchgear

ZK4

Product

OD1

Ratings

Voltage (kV)

36

Current (A)

630

Fault Rating (kA)

20



ABB Retrofit-Solution

Product Name

ZK4-VD4-36 Truck

Component(s)

VD4

Rating

36 kV

1250 A

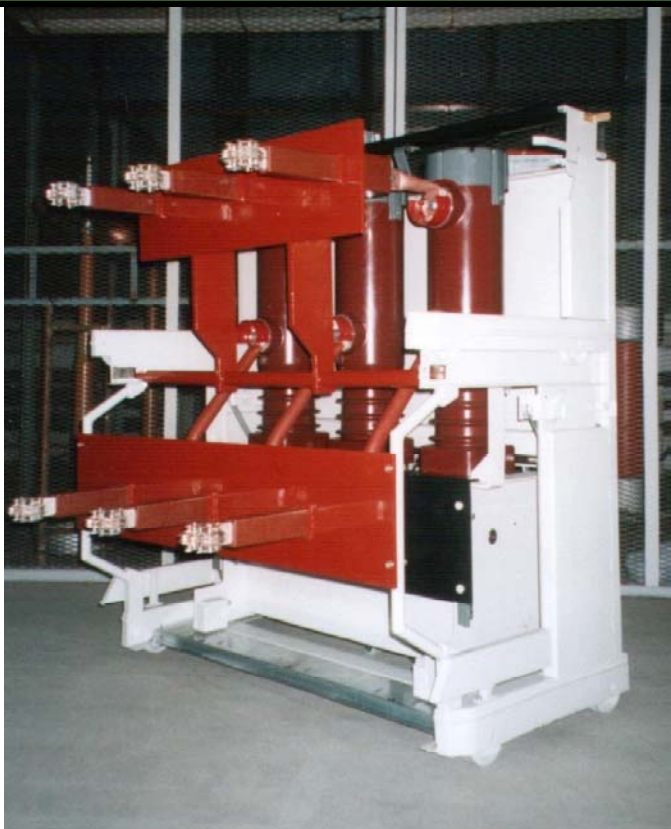
25 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Calor Emag

Switchgear

ZP

Product

OD3

Ratings

Voltage (kV)

24

Current (A)

1250

Fault Rating (kA)

20



ABB Retrofit-Solution

Product Name

ZP-VD4-24-Truck

Component(s)

VD4 2412-20

Rating

24 kV

1250 A

20 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Calor Emag

Switchgear

ZR1

Product

OD1

Ratings

Voltage (kV)

12

Current (A)

630

Fault Rating (kA)

20

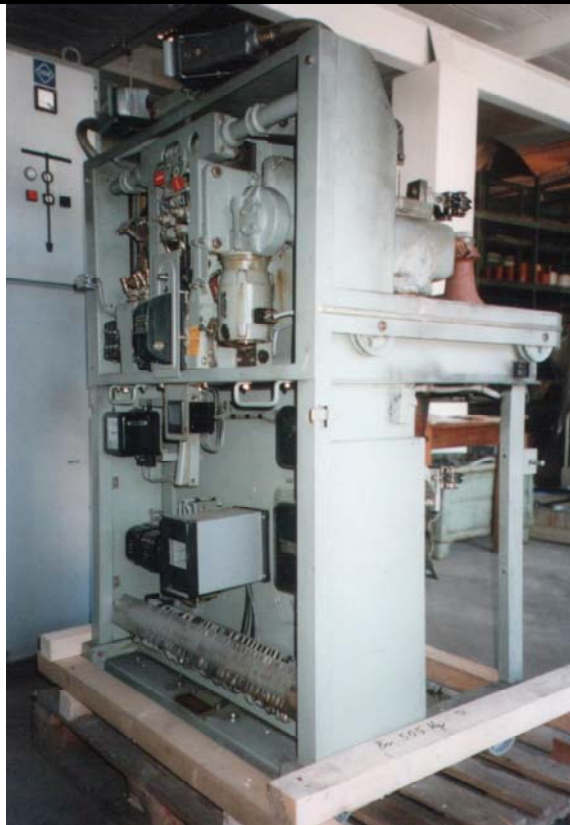


ABB Retrofit-Solution

Product Name

ZR1-VD4-12-Truck

Component(s)

VD4 1206-20

Rating

12 kV

630 A

20 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Calor Emag

Switchgear

ZS1

Product

Ratings

Voltage (kV)

12

Current (A)

Fault Rating (kA)

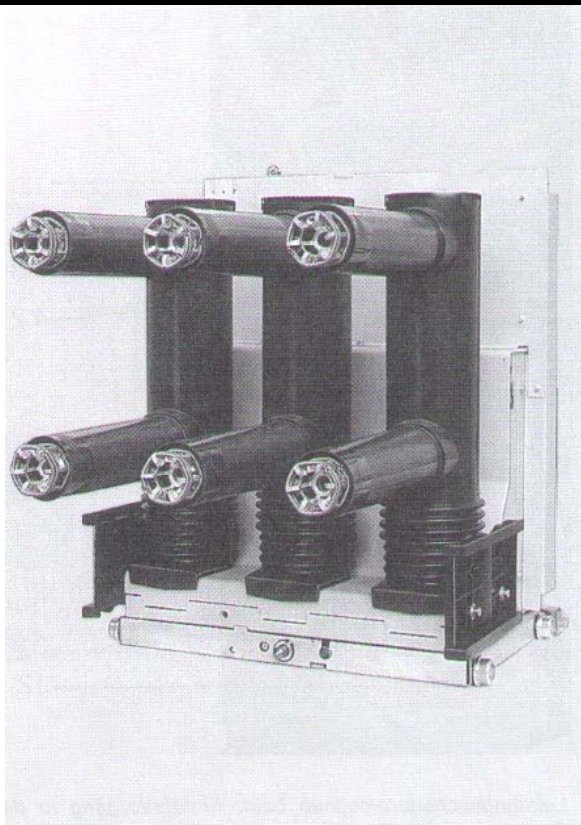


ABB Retrofit-Solution

Product Name

**Fuses-Withdrawable-
Module for ZS1**

Component(s)

**Fuses
Withdrawable-Module**

Rating

12 kV

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Calor Emag

Switchgear

ZW4

Product

OD3, VD2, HB, Hc

Ratings

Voltage (kV)

36

Current (A)

... 2500

Fault Rating (kA)

... 25



ABB Retrofit-Solution

Product Name

ZW4-VD4-36-Truck

Component(s)

VD4 3612-25

Rating

36 kV

1250 A (... 2500 A)

25 kA (31,5 kA)

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

BBC

Switchgear

BAX

Product

RMS-12 - CB

OD3, ... , SD, ... ,

Ratings

Voltage (kV)

12

Current (A)

1250

Fault Rating (kA)

25



ABB Retrofit-Solution

Product Name

BAX-VD4-12-Truck

Component(s)

VD4 1212-31

MWD-Arresters

Rating

12 kV...17,5 kV

1250 A

31,5 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

BBC

Switchgear

BA1, BB1

Product

SBKJ-min.-oil-CB

Ratings

Voltage (kV)

12

Current (A)

1250

Fault Rating (kA)

31,5

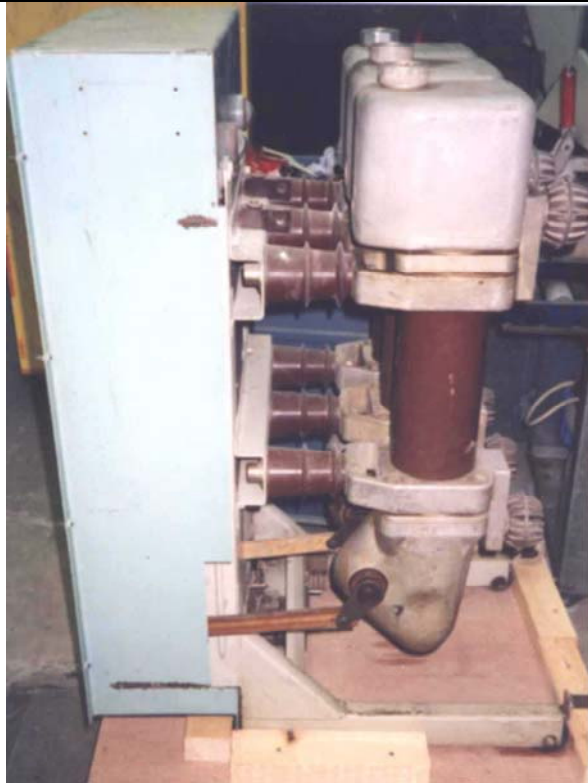


ABB Retrofit-Solution

Product Name

BA1-VD4-12-Truck

Component(s)

VD4 1212-31

Rating

12 kV

1250 A

31,5 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

BBC

Switchgear

BB5

Product

SBKJ-36

Ratings

Voltage (kV)

36

Current (A)

1250

Fault Rating (kA)

25



ABB Retrofit-Solution

Product Name

BB5-VD4-36-Truck

Component(s)

VD4 3612-25

VD4 3616-25

Rating

36 kV

1250 A (1600 A)

25 kA (31,5 kA)

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

BBC

Switchgear

BB6

Product

SBKJ-36

Ratings

Voltage (kV)

36

Current (A)

1250

1600

Fault Rating (kA)

25

31,5



ABB Retrofit-Solution

Product Name

BB6-VD4-Truck

Component(s)

VD4 3612-25...31,5

VD4 3616-25...31,5

Rating

36 kV

1250 A / 1600 A

25 kA / 31,5 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

BBC

Switchgear

Product

Ratings

Voltage (kV)

12 k

Current (A)

5400 A

Fault Rating (kA)



ABB Retrofit-Solution

Product Name

ZS1-VD4- (High Current)

Component(s)

ZS1

VD4

Rating

12 kV

5400 A

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

VEM

Switchgear

CSIM 1-10/250

Product

SCI 1-10/630/250

Ratings

Voltage (kV)

12

Current (A)

630

Fault Rating (kA)

14,5



ABB Retrofit-Solution

Product Name

CSIM-I-VD4-12-Truck

Component(s)

VD4 1206-20

(SACE-Contactor)

Rating

12 kV

630 A

20 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

VEM

Switchgear

CSIM 1-10/350

CSIM 1-10/500

Product

Ratings

Voltage (kV)

12

Current (A)

1250

Fault Rating (kA)

25

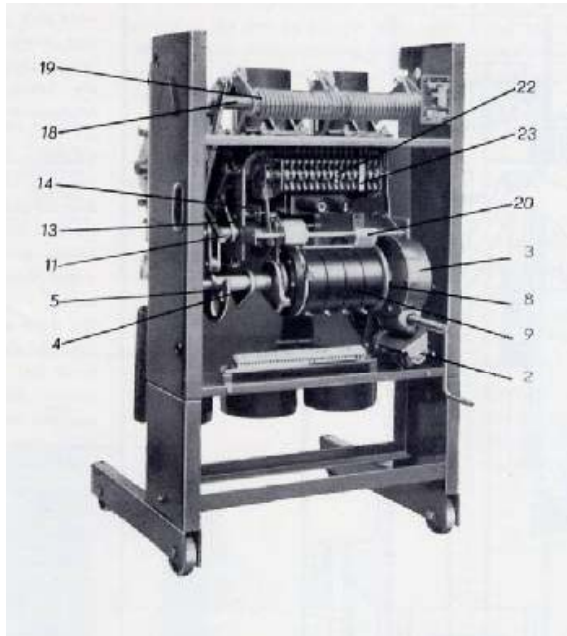


ABB Retrofit-Solution

Product Name

CSIM1-II-VD4-12-Truck

Component(s)

VD4 1212-25

Rating

12 kV

1250 A

25 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

VEM

Switchgear

CSIM 1-20/350

Product

SCI 1-20/630/350

Ratings

Voltage (kV)

24

Current (A)

630

Fault Rating (kA)

10

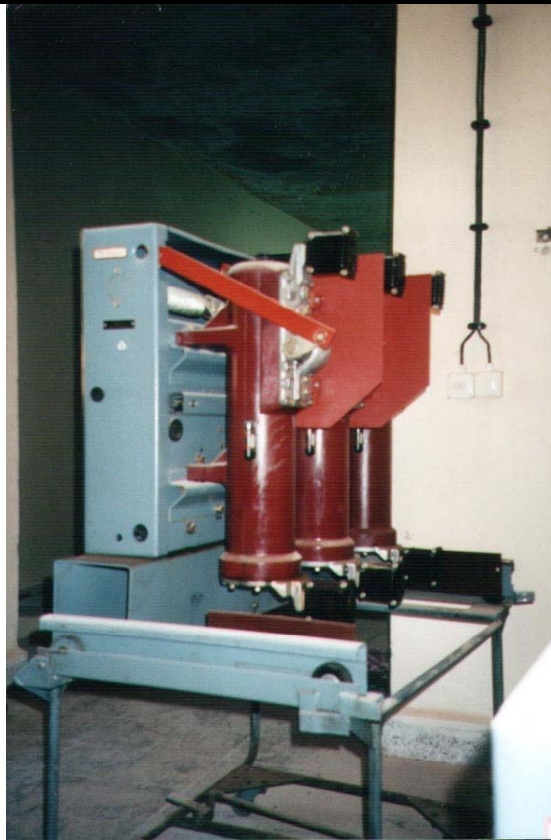


ABB Retrofit-Solution

Product Name

CSI 1-I-VD4-24-Truck

Component(s)

VD4E 2406-16

Rating

24 kV

630 A

16 kA

Budget Price

On Request

Manufactured by

ABBDEUTD



Original Equipment

Manufacture

VEM

Switchgear

CSIM 1-20/500

Product

SCI 1-20/1250/500

Ratings

Voltage (kV)

24

Current (A)

1250

Fault Rating (kA)

14,5

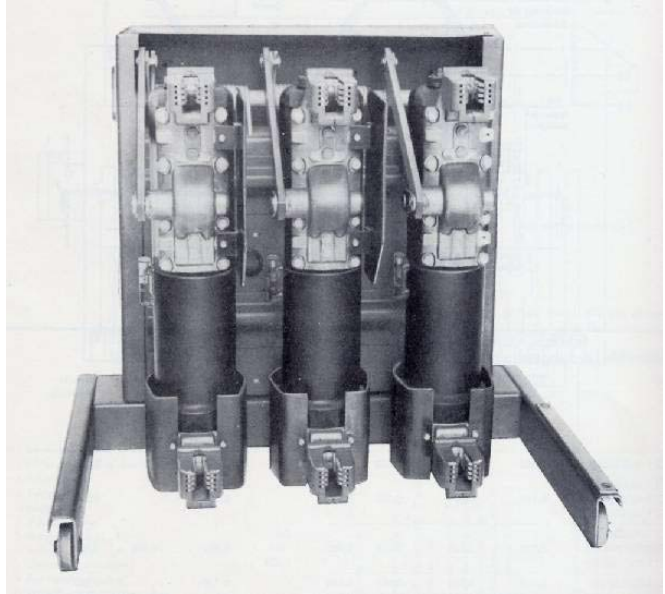


ABB Retrofit-Solution

Product Name

CSIM 1-II-VD4-24-Truck

Component(s)

VD4 2412-25

Rating

24 kV

1250 A

25 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

GS

Switchgear

Product

GS

Ratings

Voltage (kV)

12

Current (A)

630

Fault Rating (kA)

31,5



ABB Retrofit-Solution

Product Name

GS-VD4-12-Truck

Component(s)

VD4 1206-31

MWD-Arresters

Rating

12 kV

630 A

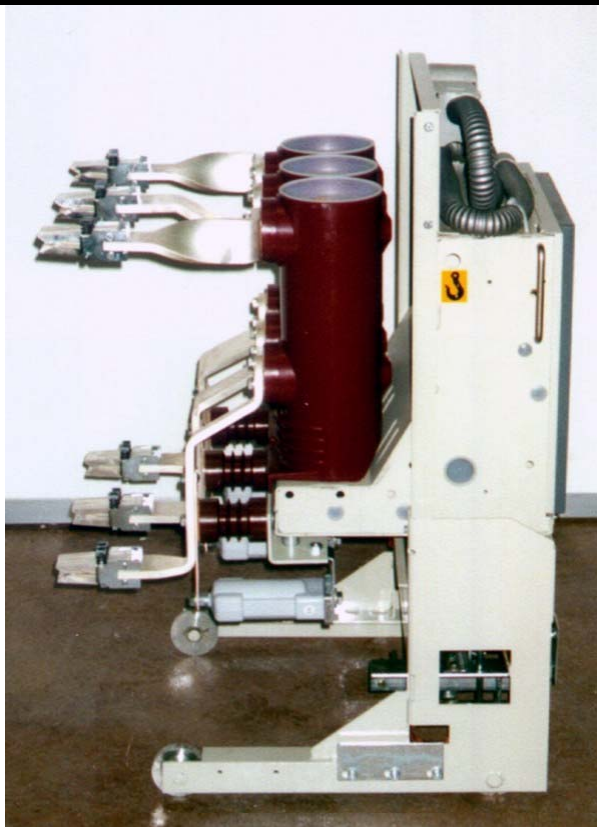
31,5 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Ritter

Switchgear

Product

Ratings

Voltage (kV)

Current (A)

Fault Rating (kA)



ABB Retrofit-Solution

Product Name

Component(s)

Rating

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Fa. In Russia

Switchgear

KPY2

Product

Ratings

Voltage (kV)

12

Current (A)

1250

Fault Rating (kA)

20



ABB Retrofit-Solution

Product Name

KPY-VD4-12-Truck

Component(s)

VD4 1212-20

Rating

12 kV

1250 A

20 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Magrini

Switchgear

17 MG 500

Product

OA3-145/36

Ratings

Voltage (kV)

17,5

Current (A)

1250

Fault Rating (kA)

24



ABB Retrofit-Solution

Product Name

MG-VD4-12-Truck

Component(s)

VD4 1212-25

Rating

12 kV

1250 A

25 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Oerlikon

Switchgear

Product

MT 24.12 - CB

Ratings

Voltage (kV)

24

Current (A)

1250

Fault Rating (kA)

25



ABB Retrofit-Solution

Product Name

MT 24.12-VD4-Truck

Component(s)

VD4 2412-25

Ratings

24 kV

1250 A

25 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

VEM

Switchgear

OA

Product

DCI

Ratings

Voltage (kV)

24

Current (A)

630

Fault Rating (kA)

20



ABB Retrofit-Solution

Product Name

OA-VD4-24

Component(s)

VD4E 2406-20

Rating

24 kV

630 A

20 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Fa. Ritter

Switchgear

RPW-R10

Product

OD3

Ratings

Voltage (kV)

12

Current (A)

630

Fault Rating (kA)

31



ABB Retrofit-Solution

Product Name

RPW-VD4-12-Truck

Component(s)

VD4 1206.31

Rating

12 kV

630 A

31,5 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Siemens

Switchgear

Product

H 515

Ratings

Voltage (kV)

12

Current (A)

630

Fault Rating (kA)

16



ABB Retrofit-Solution

Product Name

H 515-VD4-12-Truck

Component(s)

VD4 1206.25

Rating

12 kV

630 A

25 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Siemens

Switchgear

2 TS 715

Product

H 515

Ratings

Voltage (kV)

24

Current (A)

1250

Fault Rating (kA)

31.5



ABB Retrofit-Solution

Product Name

H 515-VD4-24-Truck

Component(s)

VD4 2412.31

Rating

24 kV

1250 A

31,5 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Siemens

Switchgear

8BC1

Product

Ratings

Voltage (kV)

24

Current (A)

630

Fault Rating (kA)

16



ABB Retrofit-Solution

Product Name

ZS1-2412.16

Component(s)

VD4 2406.16

Rating

24 kV

1250 A

16 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture
SACE-MEA

Switchgear
Type F

Product
SFA. S 24.12.25

Ratings
Voltage (kV)
24

Current (A)
1250

Fault Rating (kA)
25



ABB Retrofit-Solution

Product Name
MEA-VD4-2412-Truck

Component(s)
VD4 2412.25

Rating
24 kV
1250 A
25 kA

Budget Price
On Request

Manufactured by
ABB DEUTD



Original Equipment

Manufacture
SACE-MEA

Switchgear
Type I

Product
SFA S 24.20.25

Ratings
Voltage (kV)
24

Current (A)
2000

Fault Rating (kA)
25



ABB Retrofit-Solution

Product Name
MEA-VD4-2420-Truck

Component(s)
VD4 2420.25

Rating
24 kV
2000 A
25 kA

Budget Price
On Request

Manufactured by
ABB DEUTD



Original Equipment

Manufacture

Fa. Ritter

Switchgear

Product

VZ1

Ratings

Voltage (kV)

12

Current (A)

630

Fault Rating (kA)

20



ABB Retrofit-Solution

Product Name

Component(s)

VD4 1206-20

Rating

12 kV

Budget Price

On Request

Manufactured by

ABB DEUTD



Original Equipment

Manufacture

Westinghouse

Switchgear

Product

38 MG

Ratings

Voltage (kV)

36

Current (A)

1600

Fault Rating (kA)

25



ABB Retrofit-Solution

Product Name

MG-VD4-36-Truck

Component(s)

VD4 3616.25

Rating

36 kV

1600 A

25 kA

Budget Price

On Request

Manufactured by

ABB DEUTD



