



Figure similar

## Data sheet for SINAMICS DCM

Article No. : **6RA8031-6FV62-0AA0-Z**  
**G00+M08+M10**

Client order no. :  
 Order no. :  
 Offer no. :  
 Remarks :

Item no. :  
 Consignment no. :  
 Project :

### Rated data

#### Armature

Rated supply voltage armature	480 V
Rated DC voltage	500 V
Rated input current armature	103.8 A
Rated DC current	125 A

#### Field

Field power unit	Field power unit 1Q (standard)
Rated supply voltage field	2AC 480V
Rated DC current	10 A

#### Converter

Mode of operation	Four-quadrant operation
Rated power	63 kW
Power loss	431 W
Degree of protection	IP00
Installation altitude	1,000 m
Dimensions (W x H x D)	385 x 268 x 252 mm
Weight approx.	15 kg

### Search values

Type of construction	Chassis unit
Rated voltage armature	520 V
Rated armature current	125 A
Rated excitation voltage	320 V
Rated excitation current	10 A
Max. overvoltage of the AC line supply	0 %
Installation altitude	1,000 m
Coolant temperature	40 °C
Mode of operation	Four-quadrant operation
Load class	Class DC I (continuous duty)

### Special design

G00	Advanced CUD left slot
M08	Coated electronic boards
M10	Copper bars nickel-plated