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Data sheet for braking resistor



Figure similar

Article No. : JJY:023454020001

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

Item no. :
Consignment no. :
Project :

Rated data	
Rated power P_{DB}	3.85 kW
Rated power, max. [1]	77 kW

General technical specifications	
Resistance	7.1 Ω
DC-link voltage, max.	840 V

Mechanical data	
Degree of protection	IP21
Net weight	20.5 kg (45.19 lb)
Dimensions	
Width	570 mm (22.44 in)
Width of braking resistor 1	220 mm (8.66 in)
Width of braking resistor 2	350 mm (13.78 in)
Height	1,100 mm (43.30 in)
Height of braking resistor 1	470 mm (18.50 in)
Height of braking resistor 2	630 mm (24.80 in)
Depth	360 mm (14.18 in)
Depth of braking resistor 1	180 mm (7.09 in)
Depth of braking resistor 2	180 mm (7.09 in)

Standards	
Compliance with standards	CE

Connections	
Power connection	
Version	Terminal block
Conductor cross-section	16.0 mm² (AWG 6)

Thermostatic switch	
Version	integrated
Conductor cross-section	1.5 mm² (AWG 16)

Environmental conditions	
Cooling method	natural convection
Ambient temperature in operation	-25 ... 40 °C (-13 ... 104 °F)

[1] Load duration for peak power 12 s, for a braking duty cycle period of 240 s.

Subject to change. Calculated values may differ from nameplate ratings. © Copyright Siemens