

Datasheet for dv/dt-Filter

Article No. : JTA:TEF1203-0KB

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

Item no. :
Consignment no. :
Project :

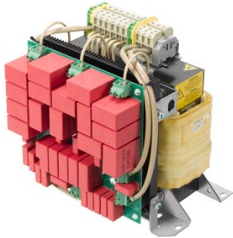


Figure similar

General technical specifications

Power loss, at 690 V / 150 Hz	0.41 kW
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Rated data

Output current	103 A
Max. output current	160 A

Mechanical data

Degree of protection	IP00
Net weight	77 kg (170 lb)
Dimensions	
Width	400 mm (15.75 in)
Height	325 mm (12.80 in)
Depth	355 mm (13.98 in)

Environmental conditions

Ambient temperature during	
Operation	-20 ... 40 °C (-4 ... 104 °F)

Standards

Compliance with standards	CE, cURus, EAC
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Connections

Power cable	
Design	Flat connector for M8 cable lug
Conductor cross-section	95 mm² (AWG 3/0)
DC link	
Design	M8 cable lug
Conductor cross-section ¹⁾	25 mm² (AWG 3)
PE conductor	
Design	M6 screw studs
Connection cross-section, max.	50 mm² (AWG 1)
Cable length	
for motor, max. (shielded) ²⁾	450 m (1,476 ft)
for motor, max. (unshielded) ³⁾	650 m (2,133 ft)
between dv/dt filter with VPL and the Power Module	5 m (16 ft)

¹⁾ DCPS / DCNS; short-circuit-proof cables are required.

²⁾ 450/525 m; maximum overvoltage at the motor terminals <1350 V with cable lengths up to 450 m (1476 ft) shielded or 650 m (2133 ft) unshielded – maximum overvoltage at the motor terminals <1500 V with cable lengths up to 525 m (1722 ft) shielded or 800 m unshielded.

³⁾ 650/800 m; maximum overvoltage at the motor terminals <1350 V with cable lengths up to 450 m (1476 ft) shielded or 650 m (2133 ft) unshielded – maximum overvoltage at the motor terminals <1500 V with cable lengths up to 525 m (1722 ft) shielded or 800 m unshielded.