

Datasheet for dv/dt-Filter

Article No. : JTA:TEF1203-0LB

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

Item no. :
Consignment no. :
Project :

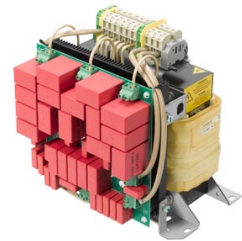


Figure similar

General technical specifications

Power loss, at 690 V / 150 Hz 0.52 kW

Rated data

Output current 146 A

Max. output current 230 A

Mechanical data

Degree of protection IP00

Net weight 97 kg (214 lb)

Dimensions

Width 400 mm (15.75 in)

Height 360 mm (14.17 in)

Depth 380 mm (14.96 in)

Environmental conditions

Ambient temperature during

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

Standards

Compliance with standards CE, cURus, EAC

Connections

Power cable

Design Flat connector for M10 cable lug

Conductor cross-section 120 mm² (AWG 4/0)

DC link

Design M8 cable lug

Conductor cross-section¹⁾ 25 mm² (AWG 3)

PE conductor

Design M6 screw studs

Connection cross-section, max. 70 mm² (AWG 2)

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.