

Servo drive MC-4 / 10 A

	Parameter	Value
Product configuration	product name	MC-4 / 11 / 10 / 400 V
	order number	13 13 02 47
Power supply	- rated connection voltage - mains frequency - control voltage/power	3 AC 380 V (-10%) to 480 V (+ 10%) 48 ... 62 Hz DC 24 V (-15% / +25%) / 1 A
DC circuit	- DC-circuit voltage - capacity - U _{Bleeder} ON - U _{Bleeder} OFF - excess voltage - bleeder resistance - bleeder - permanent power - bleeder - peak power	DC 530 V to 680 V 330 µF DC 820 V DC 800 V DC 860 V 60 Ohm 100 W 10 kW
Motor connection	- rated power 8 kHz - peak current 1 s - rated power	10 Aeff 25 Aeff 6.9 kVA
Stray power	- electronics supply - bleeder (internal) - power part	approx. 12 W 0 ... 100 W (depending on the application) approx. 15 W / A
I/Os	- input voltage/current - ie-input - input filter	DC 20 ... 30 V / 5 mA DC 20 ... 30 V / 30 mA ≤5 ms
	- relay outputs	DC 20 ... 30 V / 2 A
Environment	Product size Box size	see chapter Dimensions width: 100 mm height: 320 mm depth: 400 mm
	Product weight Boxed weight	3.1 kg 4.5 kg
	ventilation	internal fan (temperature closed-loop controlled)
	ambient conditions Protection class - casing - installation location - ambient temperature during operation - for storage and transport - insulation - excess voltage category - excess voltage proofness - degree of radio distortion rel. humidity	IP20 IP54, if the safety wiring is used with Inverter Enable +5 ... +45 °C (+55 °C with reduced power -2% per K at I _{NC} and I _{SC}) -25 ... +70 °C degree of pollution 2 ..., dewing prohibited K III, T2 (DIN VDE 0110) class1 (DIN VDE 0160) class A EN 55011 / EN 61800 - 3 5% - 85% climatic category 3K3 EN 60 721
Approval	Approvals	CE, UL, cUL

Table 2-4: Technical data of the MC-4 Servo drive / 10