Product data sheet
Characteristics

LXM62PD20A11000
Lexium LXM 62 power supply drive - 10/20 A

Main

Range of product	PacDrive 3
Product or component type	Power supply
Component name	LXM62

Complementary

Supply circuit type	AC
[Us] rated supply voltage	230 V single phase (tolerance: - 10...10 %) 230 V three phase (tolerance: - 10...10 %) 400 V three phase (tolerance: - 10...10 %)
Supply frequency	50/60 Hz +/- 5 %
Control circuit voltage	24 V DC (tolerance: - 20...25 %)
Power supply output current	20 A
Bus voltage	270...700 V
Maximum DC bus voltage	860 V
Maximum cable capacity	1.36 mF
[In] rated current	10 A three phase AC 10 A single phase AC
Peak current	20 kA three phase AC for 1 s 20 kA single phase AC for 1 s
Nominal power	6.2 kW at 480 V three phase AC 5.2 kW at 400 V three phase AC
Maximum power	12.5 kW at 480 V three phase AC 10.4 kW at 400 V three phase AC
Holding time	15 min
Braking resistance	15 Ohm
Permanent braking power	400 W
Maximum braking power	46 kW
Output type	2 relays for volt-free contacts
Physical interface	SERCOS III
Marking	CE
Safety level	Can reach PL d/category 3 conforming to EN/ISO 13849-1 Can reach SIL 2 conforming to EN 61508
Overvoltage category	III conforming to EN 61800-5-1
Depth	270 mm
Width	89.5 mm
Height	310 mm
Product weight	6.3 kg

Environment

Standards	EN/IEC 61800-3 EN/IEC 61800-5-1 UL 508C
Product certifications	CSA UL
IP degree of protection	IP20 with plugged-in connectors conforming to EN/IEC 60721-3-3
Vibration resistance	10 m/s² conforming to EN/IEC 60721-3-3
Shock resistance	300 m/s² during transport conforming to EN/IEC 60721-3-3 100 m/s² in operation conforming to EN/IEC 60721-3-3
Pollution degree	2 conforming to EN/IEC 60721-3-3
Environmental characteristic	3K3 conforming to IEC 60721-3-3, RH:5...85 %
Ambient air temperature for operation	5...40 °C 40...55 °C with current derating of 2 % per °C
Ambient air temperature for storage	-25...55 °C

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1136 - Schneider Electric declaration of conformity
REACh	Reference contains SVHC above the threshold - go to CaP for more details
Product end of life instructions	Available Download End Of Life Manual