Product data sheet
Characteristics

LAEN20
auxiliary contact block TeSys - 2 NO - screw-clamps terminals

Main

Range of product	TeSys E
Product or component type	Auxiliary contact block
Product compatibility	TeSys E contactor
Mounting location	Front side
Pole contact composition	2 NO

Complementary

[Ui] rated insulation voltage	690 V for control circuit conforming to IEC 60947-5-1
Connections - terminals	Control circuit: screw clamp terminals - 2 solid or flexible cable(s)2.5 mm²Ø6 mm without cable end Control circuit: screw clamp terminals - 2 solid or flexible cable(s)2.5 mm²Ø6 mm with cable end Control circuit: screw clamp terminals - 1 solid or flexible cable(s)1 mm²Ø6 mm without cable end Control circuit: screw clamp terminals - 1 solid or flexible cable(s)1 mm²Ø6 mm with cable end
[Ith] conventional free air thermal current	8 A at <= 60 °C
Irms rated making capacity	140 A conforming to IEC 60947-5-1
Permissible short-time rating	140 A - 100 ms 120 A - 500 ms 100 A - 1 s
Protection type	GG fuse <= 10 A conforming to VDE 0660 GG fuse <= 10 A conforming to IEC 60947-5-1
Mechanical durability	10000000 cycles
Non-overlap time	1.5 ms on de-energisation (no overlap between NC and NO contact) 1.5 ms on energisation (no overlap between NC and NO contact)

Rated operational power in VA	80 VA at 440 V - AC-15 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 70 VA at 400 V - AC-15 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 40 VA at 230 V - AC-15 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 20 VA at 115 V - AC-15 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 8 VA at 48 V - AC-15 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 4 VA at 24 V - AC-15 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 300 VA at 440 V - AC-15 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 280 VA at 400 V - AC-15 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 160 VA at 230 V - AC-15 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 80 VA at 115 V - AC-15 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 32 VA at 48 V - AC-15 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 16 VA at 24 V - AC-15 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 1050 VA at 440 V - AC-15 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 960 VA at 400 V - AC-15 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 560 VA at 230 V - AC-15 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 280 VA at 115 V - AC-15 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 120 VA at 48 V - AC-15 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 60 VA at 24 V - AC-15 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 80 VA at 440 V - AC-14 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 70 VA at 400 V - AC-14 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 40 VA at 230 V - AC-14 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 20 VA at 115 V - AC-14 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 8 VA at 48 V - AC-14 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 4 VA at 24 V - AC-14 - 10000000 cycles for control circuit conforming to IEC 60947-5-1 300 VA at 440 V - AC-14 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 280 VA at 400 V - AC-14 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 160 VA at 230 V - AC-14 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 80 VA at 115 V - AC-14 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 32 VA at 48 V - AC-14 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 16 VA at 24 V - AC-14 - 3000000 cycles for control circuit conforming to IEC 60947-5-1 1050 VA at 440 V - AC-14 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 960 VA at 400 V - AC-14 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 560 VA at 230 V - AC-14 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 280 VA at 115 V - AC-14 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 120 VA at 48 V - AC-14 - 1000000 cycles for control circuit conforming to IEC 60947-5-1 60 VA at 24 V - AC-14 - 1000000 cycles for control circuit conforming to IEC 60947-5-1
Terminals description ISO n°1	(53-54)NO (63-64)NO
Product weight	0.035 kg

Environment

Standards	IEC 60947-5-1
Product certifications	GOST
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for operation	-5...55 °C
Ambient air temperature for storage	-60...80 °C

Offer Sustainability

Sustainable offer status	Not Green Premium product

Contractual warranty

Period	18 months