



B216454

TeSys kontaktor 18A 7,5kW 220V

Artikelnummer: LC1D18M7

E-nummer:

EAN 13-kod: 3389110349504

Teknisk information

► Accuracy

heat dissipation 2 - 3 W 50/60 Hz

► Kabel

flame retardance V1 UL 94

► CAD data

Bredd 45 mm

Höjd 77 mm

Djup 86 mm

Anslutningsbeskrivning ISO n°1
(13-14)NO
(21-22)NC
(A1-A2)CO

► Kontakter

auxiliary contacts nature
mirror contact IEC 60947-4-1 1 NC
mechanically linked contact IEC 60947-5-1 1 NC + 1 NO

► Control circuit

Manöverkrets AC

Manöverkretsfrekvens 50/60 Hz

Manöverkretsspänning 220 V

► Skydd

Skyddshölje med

► Ström

Ith cnvtl free air therm crtt 32 A <= 60 °C

10 A <= 60 °C

permissible short-time rating

100 A 1 s built-in auxiliary contacts

120 A 0.5 s built-in auxiliary contacts

140 A 0.1 s built-in auxiliary contacts

145 A <= 40 °C 10 s pole

40 A <= 40 °C 600 s pole

84 A <= 40 °C 60 s pole

240 A <= 40 °C 1 s pole

rated breaking capacity 300 A 440 V IEC 60947

short-circuit protection 35 A gG <= 690 V

50 A gG <= 690 V

10 A gG IEC 60947-5-1

► Elektrisk anslutning

connections - terminals

screw clamp terminals control circuit 1 1 - 4 mm2 flexible with cable end

screw clamp terminals control circuit 1 1 - 4 mm2 flexible without cable end

screw clamp terminals control circuit 1 1 - 4 mm2 solid without cable end

screw clamp terminals control circuit 2 1 - 2.5 mm2 flexible with cable end

	screw clamp terminals control circuit 2 1 - 4 mm2 flexible without cable end
	screw clamp terminals control circuit 2 1 - 4 mm2 solid without cable end
	screw clamp terminals power circuit 1 1 - 6 mm2 flexible with cable end
	screw clamp terminals power circuit 1 1.5 - 6 mm2 solid without cable end
	screw clamp terminals power circuit 2 1 - 4 mm2 flexible with cable end
	screw clamp terminals power circuit 2 1.5 - 6 mm2 flexible without cable end
	screw clamp terminals power circuit 2 1.5 - 6 mm2 solid without cable end
	screw clamp terminals power circuit 1 1.5 - 6 mm2 flexible without cable end
▶ Elektriskt nätverk	
Nätfrekvens	25...400 Hz
▶ Miljö	
IP degree of protection	IP2x VDE 0106
operating altitude	3000 m without
shock resistance	15 gn contactor closed 11 ms
	10 gn contactor opened 11 ms
	4 gn contactor closed 5 - 300 Hz
	2 gn contactor open 5 - 300 Hz
vibration resistance	
▶ Ej klassifierad	
non-overlap time	1.5 ms on energisation
▶ Poler	
antal NO poler	3
Polbeskrivning	3P
▶ Power	
inrush power in VA	70 VA 20 °C 0.75 50/60 Hz
power dissipation per pole	0.8 18 A AC-3
	2.5 32 A AC-1
▶ Produktnamn	
Serie	Tesys
Kontaktornamn	LC1D
▶ Typ av produkt	
Märkströmskod	D18
Typ av produkt eller komponent	kontaktor
▶ Hastighet	
operating rate	<= 3600 cyc/h <= 60 °C
▶ Standarder och certifikat	
fire resistance	960 °C IEC 60695-2-1
Standarder	EN 60947-1
	IEC 947-1
	IEC 947-4-1
	PTB
	BS 5424
	DNV
	EN 60947-4-1
	gL
	JEM 1038
	NF C 63-110
	VDE 0660
Certifieringar	CSA
	UL
▶ Temperatur	
Omgivningstemperatur luft	-5 °C-60 °C

Lagringstemperatur	-60 °C-80 °C
tillåten omgivningstemperatur runt enheten	-40 °C-70 °C
Vridmoment	
tightening torque	1.7 N,m
Volt	
Ui rated insulation voltage	600 V CSA built-in auxiliary contacts 600 V CSA pole 600 V UL built-in auxiliary contacts 600 V UL pole 690 V IEC 60947-1 built-in auxiliary contacts 690 V III 3 IEC 60947-4-1 pole
Ue rated operational voltage	690 V built-in auxiliary contacts 690 V pole
Uimp rated imp wstdvoltage	6 kV IEC 60947
separation insulation	400 V VDE 0106 Part 101 A1
Vikt	
vikt	0.33 kg

Leverantörsinformation

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