

Contactor, TeSys Deca, 3P(3NO), AC-3/AC-3e, <=440V, 9A, 24V DC low consumption coil, lugs-ring terminals

LC1D096BL

## Main

Range of product	TeSys Deca	
Product or component type	Contactor	
Device short name	LC1D	
Contactor application	Resistive load Motor control	
Utilisation category	AC-1 AC-3 AC-4 AC-3e	
Poles description	3P	
[Ue] rated operational voltage	Power circuit: <= 690 V AC 25400 Hz Power circuit: <= 300 V DC	
[le] rated operational current	9 A (at <60 °C) at <= 440 V AC AC-3 for power circuit 25 A (at <60 °C) at <= 440 V AC AC-1 for power circuit 9 A (at <60 °C) at <= 440 V AC AC-3e for power circuit	
[Uc] control circuit voltage	24 V DC	

## Complementary

Motor power kW	2.2 kW at 220230 V AC 50/60 Hz (AC-3) 4 kW at 380400 V AC 50/60 Hz (AC-3) 4 kW at 415 V AC 50/60 Hz (AC-3) 4 kW at 440 V AC 50/60 Hz (AC-3) 5.5 kW at 500 V AC 50/60 Hz (AC-3) 5.5 kW at 660690 V AC 50/60 Hz (AC-3) 2.2 kW at 220230 V AC 50/60 Hz (AC-3e) 4 kW at 380400 V AC 50/60 Hz (AC-3e) 4 kW at 415 V AC 50/60 Hz (AC-3e) 4 kW at 440 V AC 50/60 Hz (AC-3e) 5.5 kW at 500 V AC 50/60 Hz (AC-3e) 5.5 kW at 660690 V AC 50/60 Hz (AC-3e) 5.5 kW at 660690 V AC 50/60 Hz (AC-3e) 2.2 kW at 400 V AC 50/60 Hz (AC-3e)	
Motor power hp	1 hp at 230/240 V AC 50/60 Hz for 1 phase motors 2 hp at 200/208 V AC 50/60 Hz for 3 phases motors 2 hp at 230/240 V AC 50/60 Hz for 3 phases motors 5 hp at 460/480 V AC 50/60 Hz for 3 phases motors 7.5 hp at 575/600 V AC 50/60 Hz for 3 phases motors 0.33 hp at 115 V AC 50/60 Hz for 1 phase motors	
Compatibility code	LC1D	
Pole contact composition	3 NO	
Protective cover	With	
[Ith] conventional free air thermal current	25 A (at 60 °C) for power circuit 10 A (at 60 °C) for signalling circuit	

140 A AC for signalling circuit conforming to IEC 60947-5-1 250 A DC for signalling circuit conforming to IEC 60947-5-1  Rated breaking capacity  250 A at 440 V for power circuit conforming to IEC 60947  [Icw] rated short-time withstand current  105 A 40 °C - 10 s for power circuit 210 A 40 °C - 1 s for power circuit 30 A 40 °C - 10 min for power circuit 61 A 40 °C - 1 min for power circuit 100 A - 1 s for signalling circuit 120 A - 500 ms for signalling circuit 120 A - 500 ms for signalling circuit 140 A - 100 ms for signalling circuit 140 A - 100 ms for signalling circuit 25 A gG at <= 690 V coordination type 1 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit  Average impedance  2.5 mOhm - Ith 25 A 50 Hz for power circuit			
ZSO A DE Cor signalling circuit conforming to IEC 60947-5-1   Rated breaking capacity   ZSO A at 440 V for power circuit conforming to IEC 60947	Irms rated making capacity	·	
Rated breaking capacity    250 A all 440 V for power circuit conforming to IEC 60947   10w   rated short-time withstand   105 A 40 °C - 10 s for power circuit   210 A 40 °C - 10 s for power circuit   210 A 40 °C - 10 s for power circuit   210 A 40 °C - 10 s for power circuit   210 A 40 °C - 10 s for power circuit   210 A 40 °C - 10 s for power circuit   210 A 40 °C - 10 s for power circuit   210 A 40 °C - 10 s for power circuit   210 A 40 °C - 10 s for power circuit   210 A 40 °C - 10 s for power circuit   210 A 50 °C - 210 s for signalling circuit conforming to IEC 60947-5-1   25 A 60 at <= 690 V coordination type 1 for power circuit   220 A 60 at <= 690 V coordination type 2 for power circuit   220 A 60 at <= 690 V coordination type 2 for power circuit   220 A 60 at <= 690 V coordination type 2 for power circuit   220 A 60 at <= 690 V coordination   220 A 60		· ·	
Illump   rated short-time withstand   10.5 A 40 °C - 10.s for power circuit   210 A 40 °C - 1.s for power circuit   210 A 40 °C - 1.m in for power circuit   10.4 °C - 1.0 °C - 1		250 A DC for signaling circuit conforming to IEC 60947-5-1	
210 A 0 °C - 1 s for power circuit 61 A 40 °C - 1 min for power circuit 61 A 40 °C - 1 min for power circuit 61 A 40 °C - 1 min for power circuit 61 A 40 °C - 1 min for power circuit 120 A - 500 ms for signalling circuit 120 A - 500 ms for signalling circuit 140 A - 100 ms for signalling circuit 152 A g 63 st = 680 V coordination type 1 for power circuit 25 A g 63 st = 680 V coordination type 1 for power circuit 25 A g 63 st = 680 V coordination type 2 for power circuit 25 A g 63 st = 680 V coordination type 2 for power circuit 25 A g 63 st = 680 V coordination type 2 for power circuit 27 A g 7 A g	Rated breaking capacity	250 A at 440 V for power circuit conforming to IEC 60947	
30 A 40°C - 10 min for power circuit 61 A 40°C - 11 min for power circuit 100 A - 15 for signalling circuit 120 A - 50 ms for signalling circuit 120 A - 50 ms for signalling circuit 140 A - 100 ms for signalling circuit conforming to IEC 60947-5-1 25 A gC at <- 690 V coordination type 1 for power circuit 20 A gC at <- 690 V coordination type 2 for power circuit 20 A gC at <- 690 V coordination type 2 for power circuit 20 A gC at <- 690 V coordination type 2 for power circuit 20 A gC at <- 690 V coordination type 2 for power circuit 20 A gC at <- 690 V coordination type 2 for power circuit 20 A gC at <- 690 V coordination type 2 for power circuit 20 A gC at <- 690 V coordination type 2 for power circuit for power	[lcw] rated short-time withstand	·	
61 A 40 °C - 1 min for power circuit 120 A · 500 ms for signalling circuit 120 A · 500 ms for signalling circuit 140 A · 100 ms for signalling circuit 140 A · 100 ms for signalling circuit 140 A · 100 ms for signalling circuit 125 A g 6 at ← 680 V coordination type 1 for power circuit 25 A g 6 at ← 680 V coordination type 1 for power circuit 25 A g 6 at ← 680 V coordination type 2 for power circuit 25 A g 6 at ← 680 V coordination type 2 for power circuit 25 A g 6 at ← 680 V coordination type 2 for power circuit 25 A g 6 at ← 680 V coordination type 2 for power circuit 25 A g 6 at ← 680 V coordination type 2 for power circuit 27 A g 7 A g	current	·	
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120 A - 500 ms for signalling circuit 140 A - 100 ms for signalling circuit 140 A - 100 ms for signalling circuit 28 Ag at <= 690 V coordination type 1 for power circuit 29 A g at <= 690 V coordination type 1 for power circuit 20 A g at <= 690 V coordination type 2 for power circuit 20 A g at <= 690 V coordination type 2 for power circuit 20 A g at <= 690 V coordination type 2 for power circuit 20 A g at <= 690 V coordination type 2 for power circuit 20 A g at <= 690 V coordination type 2 for power circuit 20 A g at <= 690 V conforming to IEC 60947-4-1 20 W AC-3 20 W AC-3 20 W AC-3 20 W AC-3e  [UI] rated insulation voltage  Power circuit: 690 V C SA certified Power circuit: 690 V L certified Signalling circuit: 690 V U certified Signalling circuit: 690 V U certified Signalling circuit: 690 V U L		•	
Associated fuse rating  20 Ag for signalling circuit 20 Ag 6 at <= 690 V coordination bye 1 for power circuit 20 Ag 6 at <= 690 V coordination bye 1 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit 20 Ag 6 at <= 690 V coordination tye 2 for power circuit in the circuit tye at <2000 Coordination tye 2 for power circuit in the circuit tye at <2000 Coordination tye 2 for power circuit tye at <2000 Coordination tye 2 for power circuit voltage limits 20 Ag 6 at <= 690 V coordination tye 2 for power circuit tye for power circuit tye at <2000 Coordination tye 2 for power circuit tye at <2000 Coordination tye 2 for power circuit tye at <2000 Coordination tye 2 for power circuit tye		· ·	
25 A gG at <= 690 V coordination type 1 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit 20 V a GG at <= 600 V coordination type 2 for power circuit 20 V a gradient for the circuit seed to coordination type 2 for power ci		· · ·	
25 A gG at <= 690 V coordination type 1 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit 20 A gG at <= 690 V coordination type 2 for power circuit 20 A W C-3 0.2 W AC-3 0.2 W A	Associated fuse rating	10 A aC for signalling circuit conforming to IEC 60947-5-1	
Average impedance 2.5 mOhm - Ith 25 A 50 Hz for power circuit  Power dissipation per pole 1.56 W AC-1 0.2 W AG-3 0.2 W AG	loos olatou raco rating		
Power dissipation per pole  1.56 W AC-1 0.2 W AC-3 0.3 W AC-4 0.0			
0.2 W AC-3 0.3 W Conforming to IEC 60947-4.  Signaling circuit: 600 V UL certified Signaling circuit: 600 V UL certified  Divervoltage category III  Divervoltage category III  Signaling circuit: 600 V UL certified  Divervoltage category III  B 10d = 1389863 cycles contactor with nominal load conforming to EN/ISO 13849-1 B 10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B 10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B 10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B 10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B 10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B 10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B 10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B 10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B 10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B 10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B 10d = 200000000000 cycles contactor with mechanical with screwdriver flow 10d 13849-1 B 10d = 20000000000000000000000000000000000	Average impedance	2.5 mOhm - Ith 25 A 50 Hz for power circuit	
Care	Power dissipation per pole	1.56 W AC-1	
Power circuit: 690 V conforming to IEC 60947-4-1 Power circuit: 600 V CSA certified Power circuit: 600 V CSA certified Signalling circuit: 600 V CL certified circuit: 7.1 N m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5 Power circuit: 1.7 N m - on lugs-ring terminals - with screwdriver flat Ø 8 mm M3.5 Power circuit: 1.7 N m - on lugs-ring terminals - with screwdriver flat Ø 8 mm M3.5 Power circuit: 1.7 N m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N m - on lugs-ring termina		0.2 W AC-3	
Power circuit: 600 V CSA certified Power circuit: 600 V LC certified Signalling circuit: 600 V CSA certified Signalling circuit: 600 V CSA certified Signalling circuit: 600 V CSA certified Signalling circuit: 600 V U. certified  Divervoltage category  III  8 10d = 1369863 cycles contactor with nominal load conforming to EN/ISO 13849-1 8 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 8 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 9 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 9 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 9 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 9 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 9 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 9 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 9 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 9 10d = 2000000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 9 10d = 20000000000000000000000000000000000		0.2 W AC-3e	
Power circuit: 600 V UL certified Signalling circuit: 600 V CSA certified Signalling circuit: 600 V CSA certified Signalling circuit: 600 V CSA certified Signalling circuit: 600 V UL certified  Divervoltage category  III  Pollution degree  3  Climp Tated impulse withstand 6 kV conforming to IEC 60947  Part of 20000000 cycles contactor with nominal load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 240 V Cycles 25 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 400 V 2 Mcycles 9 A AC-3 at Ue <= 400 V 2 Mcycles 9 A AC-3 at Ue <= 400 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 400 V 2 Mcycles 9 A AC-3 at Ue <= 400 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 400 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9	[Ui] rated insulation voltage	Power circuit: 690 V conforming to IEC 60947-4-1	
Signalling circuit: 690 V conforming to IEC 60947-1 Signalling circuit: 690 V CAS certified Signalling circuit: 690 V U. certified  Description of the conforming to IEC 60947  Signalling circuit: 690 V U. certified  B10d = 1369863 cycles contactor with nominal load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 1369863 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 1369863 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 B10d = 200000000 cycles contactor with mechanical load conforming to IEC 60947-5-1 B10d = 1389863 cycles contactor with mechanical load conforming to IEC 60947-5-1 B10d = 1389863 cycles contactor with mechanical load conforming to IEC 60947-5-1 B10d = 1389863 cycles contactor with mechanical load conforming to IEC 60947-5-1		· · · · · · · · · · · · · · · · · · ·	
Signalling circuit: 600 V CSA certified Signalling circuit: 600 V UL certified  Divervoltage category  III  Pollution degree  3  (Limp) rated impulse withstand voltage  B 10d = 1369863 cycles contactor with nominal load conforming to EN/ISO 13849-1 B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 2000000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 2000000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 2000000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B 10d = 2000000000 cycles contactor with mechanical load conforming to IEC 60947-5-1		Power circuit: 600 V UL certified	
Signalling circuit: 600 V UL certified		Signalling circuit: 690 V conforming to IEC 60947-1	
Derivoltage category  Dilution degree  3  Ultimp rated impulse withstand holdage  Bafety reliability level  B10d = 1369863 cycles contactor with nominal load conforming to EN/ISO 13849-1 and 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  B10d = 200000000 cycles at Uc = 440 V  Control circuit 1.1 N. m on lugs-ring terminals - with screwdriver Philips No 2 M.3.5  Power circuit: 1.7 N.m on lugs-ring terminals - with screwdriver Philips No 2 M.3.5  Power circuit: 1.7 N.m on lugs-ring terminals - with screwdriver pickiny No 2 M.3.5  Power circuit: 1.7 N.m on			
Pollution degree 3    Climp] rated impulse withstand voltage   B10d = 1369863 cycles contactor with nominal load conforming to EN/ISO 13849-1   B10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1   3849-1   3849-1   30 Mcycles   AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 9 A AC-3 at Ue <= 440 V   2 Mcycles 140 V		Signalling circuit: 600 V UL certified	
Safety reliability level   B10d = 1369863 cycles contactor with nominal load conforming to EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1	Overvoltage category	III	
Safety reliability level  B10d = 1369863 cycles contactor with mominal load conforming to EN/ISO 13849-1  B10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1  Mechanical durability  30 Mcycles  Clectrical durability  30 Mcycles 25 A AC-1 at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 3 Mcycles 9 A AC-3e at Ue <= 440 V 3 Mcycles 9 A AC-3e at Ue <= 440 V 3 Mcycles 9 A AC-3e at Ue <= 440 V 3 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 Ac-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 A AC-3e at Ue <= 440 V 4 Mcycles 9 Ac-40 Mcycles 10 Mcycles 10 Mcycles 10 Mcycles 10 Mcycles 10 Mcycles 10	Pollution degree	3	
B10d = 1369863 cycles contactor with nominal load conforming to EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 30 Mcycles  Electrical durability  0.6 Mcycles 25 A AC-1 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles		6 kV conforming to IEC 60947	
Mechanical durability  30 Mcycles  Electrical durability  0.6 Mcycles 25 A AC-1 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V Control circuit type  DC low consumption  Coil technology  Built-in bidirectional peak limiting diode suppressor  Control circuit voltage limits  0.10.3 Uc (-4070 °C):drop-out DC 0.81.25 Uc (6070 °C):operational DC 11.25 Uc (6070 °C):operational DC  Inrush power in W  2.4 W at 20 °C  Operating time  77 ±15 % ms closing 25 ±20 % ms opening  Time constant  40 ms  Maximum operating rate  3600 cyc/h at 60 °C  Connections - terminals  Control circuit: lugs-ring terminals - external diameter: 8 mm Power circuit: lugs-ring terminals - external diameter: 8 mm  Fightening torque  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5		B10d = 1369863 cycles contactor with nominal load conforming to EN/ISO 13849-1	
Electrical durability  0.6 Mcycles 25 A AC-1 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue Successor		B10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO	
Electrical durability  0.6 Mcycles 25 A AC-1 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 10 Control Condonal Decorporation 1 DC 3 Mcycles 10 Control Condonal Decorporational DC 4 Mcycles 10 Control Condonal DC 5 Mcycles 10 Control Condonal DC 6 Mc		13849-1	
2 Mcycles 9 A AC-3 at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 440 V 2 Mcycles 9 A AC-3e at Ue <= 460 PC) 2 Mcycles 1 Mcycles	Mechanical durability	30 Mcycles	
2 Moycles 9 A AC-3e at Ue <= 440 V  Control circuit type  DC low consumption  Built-in bidirectional peak limiting diode suppressor  Control circuit voltage limits  0.10.3 Uc (-4070 °C):drop-out DC 0.81.25 Uc (-4060 °C):operational DC 11.25 Uc (6070 °C):operational DC  Inrush power in W  2.4 W (at 20 °C)  Hold-in power consumption in W  2.4 W at 20 °C  Operating time  77 ±15 % ms closing 25 ±20 % ms opening  Time constant  40 ms  Maximum operating rate  3600 cyc/h at 60 °C  Connections - terminals  Control circuit: lugs-ring terminals - external diameter: 8 mm Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5	Electrical durability	0.6 Mcycles 25 A AC-1 at Ue <= 440 V	
Control circuit type  DC low consumption  Built-in bidirectional peak limiting diode suppressor  Control circuit voltage limits  0.10.3 Uc (-4070 °C):drop-out DC 0.81.25 Uc (6070 °C):operational DC 11.25 Uc (6070 °C):operational DC  Inrush power in W  2.4 W (at 20 °C)  Departing time  77 ±15 % ms closing 25 ±20 % ms opening  Time constant  40 ms  Maximum operating rate  3600 cyc/h at 60 °C  Connections - terminals  Control circuit: lugs-ring terminals - external diameter: 8 mm Power circuit: lugs-ring terminals - external diameter: 8 mm  Fightening torque  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5		2 Mcycles 9 A AC-3 at Ue <= 440 V	
Control circuit voltage limits  0.10.3 Uc (-4070 °C):drop-out DC 0.81.25 Uc (-4060 °C):operational DC 11.25 Uc (6070 °C):drop-out DC 0.81.25 Uc (-4060 °C):operational DC 11.25 Uc (-4060 °C):operational DC 11.25 Uc (-4060 °C):operational DC 11.25 Uc (-4060 °C):operational DC  11.25 Uc (-4040 °C)  11.25		2 Mcycles 9 A AC-3e at Ue <= 440 V	
Control circuit voltage limits  0.10.3 Uc (-4070 °C):drop-out DC 0.81.25 Uc (6070 °C):operational DC 11.25 Uc (6070 °C):operational DC  nrush power in W  2.4 W (at 20 °C)  Poperating time  77 ±15 % ms closing 25 ±20 % ms opening  Time constant  40 ms  Maximum operating rate  3600 cyc/h at 60 °C  Connections - terminals  Control circuit: lugs-ring terminals - external diameter: 8 mm  Power circuit: lugs-ring terminals - external diameter: 8 mm  Fightening torque  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5	Control circuit type	DC low consumption	
0.81.25 Uc (-4060 °C):operational DC 11.25 Uc (6070 °C):operational DC  Inrush power in W 2.4 W (at 20 °C)  Hold-in power consumption in W 2.4 W at 20 °C  Operating time 77 ±15 % ms closing 25 ±20 % ms opening  Time constant 40 ms  Maximum operating rate 3600 cyc/h at 60 °C  Connections - terminals Control circuit: lugs-ring terminals - external diameter: 8 mm Power circuit: lugs-ring terminals - external diameter: 8 mm  Fightening torque Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 8 mm M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5	Coil technology	Built-in bidirectional peak limiting diode suppressor	
0.81.25 Uc (-4060 °C):operational DC 11.25 Uc (6070 °C):operational DC  Inrush power in W 2.4 W (at 20 °C)  Hold-in power consumption in W 2.4 W at 20 °C  Operating time 77 ±15 % ms closing 25 ±20 % ms opening  Time constant 40 ms  Maximum operating rate 3600 cyc/h at 60 °C  Connections - terminals Control circuit: lugs-ring terminals - external diameter: 8 mm Power circuit: lugs-ring terminals - external diameter: 8 mm  Tightening torque Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5	Control circuit voltage limits	0.1 0.3 Uc.(-40 70 °C) dron-out DC	
11.25 Uc (6070 °C):operational DC  2.4 W (at 20 °C)  Hold-in power consumption in W  2.4 W at 20 °C  Operating time  77 ±15 % ms closing 25 ±20 % ms opening  Time constant  40 ms  Maximum operating rate  3600 cyc/h at 60 °C  Connections - terminals  Control circuit: lugs-ring terminals - external diameter: 8 mm Power circuit: lugs-ring terminals - external diameter: 8 mm  Fightening torque  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5		, ,	
Hold-in power consumption in W 2.4 W at 20 °C  77 ±15 % ms closing 25 ±20 % ms opening  Time constant 40 ms  Maximum operating rate 3600 cyc/h at 60 °C  Connections - terminals Control circuit: lugs-ring terminals - external diameter: 8 mm Power circuit: lugs-ring terminals - external diameter: 8 mm  Tightening torque Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power			
Departing time  77 ±15 % ms closing 25 ±20 % ms opening  77 ±15 % ms opening  77 ±15 % ms closing 25 ±20 % ms opening  78 ms opening  79 ms  79 ms  70 ms  70 ms  70 ms  70 ms  71 ms  72 ms  73 ms  73 ms  74 ms  75 ms  76 ms  77 ms  77 ms  77 ms  78 ms  78 ms  79 ms  79 ms  70 ms  7	nrush power in W	2.4 W (at 20 °C)	
Time constant  40 ms  Maximum operating rate  3600 cyc/h at 60 °C  Connections - terminals  Control circuit: lugs-ring terminals - external diameter: 8 mm  Power circuit: lugs-ring terminals - external diameter: 8 mm  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 8 mm M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Auxiliary contact composition  1 NO + 1 NC  type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1	Hold-in power consumption in W	2.4 W at 20 °C	
Time constant  40 ms  Maximum operating rate  3600 cyc/h at 60 °C  Connections - terminals  Control circuit: lugs-ring terminals - external diameter: 8 mm  Power circuit: lugs-ring terminals - external diameter: 8 mm  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 8 mm M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Auxiliary contact composition  1 NO + 1 NC  type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1	Operating time	77 +15 % me closing	
Maximum operating rate  3600 cyc/h at 60 °C  Connections - terminals  Control circuit: lugs-ring terminals - external diameter: 8 mm  Power circuit: lugs-ring terminals - external diameter: 8 mm  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 8 mm M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Auxiliary contact composition  1 NO + 1 NC  type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1		· · · · · · · · · · · · · · · · · · ·	
Connections - terminals  Control circuit: lugs-ring terminals - external diameter: 8 mm  Power circuit: lugs-ring terminals - external diameter: 8 mm  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Auxiliary contact composition  1 NO + 1 NC  type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1	Time constant	40 ms	
Power circuit: lugs-ring terminals - external diameter: 8 mm  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 8 mm M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power	Maximum operating rate	3600 cyc/h at 60 °C	
Power circuit: lugs-ring terminals - external diameter: 8 mm  Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 8 mm M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power	Connections - terminals	Control circuit: lugs-ring terminals - external diameter: 8 mm	
Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 8 mm M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Auxiliary contact composition  1 NO + 1 NC  type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1	<del></del>		
Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 8 mm M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Auxiliary contact composition  1 NO + 1 NC  type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1	Tightening torque	Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 6 mm M3.5	
Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver flat Ø 8 mm M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver Philips No 2 M3.5 Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Auxiliary contact composition  1 NO + 1 NC  type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1			
Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5 Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Auxiliary contact composition 1 NO + 1 NC  Auxiliary contacts type type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1		· · · · · · · · · · · · · · · · · · ·	
Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5  Auxiliary contact composition 1 NO + 1 NC  Auxiliary contacts type type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1		· ·	
Auxiliary contact composition 1 NO + 1 NC  Auxiliary contacts type type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1		Control circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5	
Auxiliary contacts type type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1		Power circuit: 1.7 N.m - on lugs-ring terminals - with screwdriver pozidriv No 2 M3.5	
7, 7	Auxiliary contact composition	1 NO + 1 NC	
7, 7	Auxiliary contacts type	type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1	

Signalling circuit frequency	25400 Hz	
Minimum switching voltage	17 V for signalling circuit	
Minimum switching current	5 mA for signalling circuit	
Insulation resistance	> 10 MOhm for signalling circuit	
Non-overlap time	1.5 ms on de-energisation between NC and NO contact     1.5 ms on energisation between NC and NO contact	
Mounting support	Rail Plate	

# **Environment**

Standards	CSA C22.2 No 14	
	EN 60947-4-1	
	EN 60947-5-1	
	IEC 60947-4-1	
	IEC 60947-5-1	
	UL 60947-4-1	
	IEC 60335-1:Clause 30.2	
	IEC 60335-2-40:Annex JJ	
	UL 60335-2-40:Annex JJ	
	CSA C22.2 No 60947-4-1	
Product certifications	UL	
	CCC	
	CSA	
	Marine	
	UKCA	
	EAC	
	CB Scheme	
IP degree of protection	IP20 front face conforming to IEC 60529	
Protective treatment	TH conforming to IEC 60068-2-30	
Climatic withstand	conforming to IACS E10 exposure to damp heat	
	conforming to IEC 60947-1 Annex Q category D exposure to damp heat	
Permissible ambient air	-4060 °C	
temperature around the device	6070 °C with derating	
On anating alltitude	0.000	
Operating altitude	03000 m	
Fire resistance	850 °C conforming to IEC 60695-2-1	
Flame retardance	V1 conforming to UL 94	
Mechanical robustness	Vibrations contactor open (2 Gn, 5300 Hz)	
	Vibrations contactor closed (4 Gn, 5300 Hz)	
	Shocks contactor open (10 Gn for 11 ms)	
	Shocks contactor closed (15 Gn for 11 ms)	
Height	77 mm	
Width	45 mm	
Depth	95 mm	
Product weight	0.48 kg	

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.700 cm
Package 1 Width	9.500 cm
Package 1 Length	12.000 cm
Package 1 Weight	541.000 g

Unit Type of Package 2	S02
Number of Units in Package 2	16
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	9.102 kg

# **Contractual warranty**

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

#### Environmental Data explained >

How we assess product sustainability >

<b>⊘</b> Environmental footprint	
Total lifecycle Carbon footprint	19
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	50ae7612-fd2e-41e4-a369-50d0dea6e592
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov
PVC free	Yes

#### **Use Again**

○ Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

## **Alternative**









## LC1D096BL

**Technical Illustration** 

## Assembly's dimensions



