# **Product data sheet**





TeSys

### Contactor, TeSys K, 3P, AC-3, It or eq to 440V 9A, 1 NO aux., 220 to 230VAC coil

LC1K0910M7

Product availability: Stock - Normally stocked in distribution facility

Price\*: 75.00 USD

### Main Range

Product or Component Type	Contactor
Device Application	Control
contactor application	Motor control Resistive load
Complementary	
Utilisation category	AC-3
	AC-3e
	AC-1 AC-4
poles description	3P
	JI .
power pole contact composition	3 NO
[Ue] rated operational voltage	Power circuit <= 690 V AC <= 400 Hz
-	Signalling circuit <= 690 V AC <= 400 Hz
[le] rated operational current	9 A (at <140 °F (60 °C)) at <= 440 V AC AC-3 for power circuit
	9 A (at <140 °F (60 °C)) at <= 440 V AC AC-3e for power circuit
	20 A (at <140 °F (60 °C)) at <= 690 V AC AC-1 for power circuit
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	220230 V AC 50/60 Hz
Motor power kW	2.2 kW 220230 V AC 50/60 Hz AC-3
	4 kW 380415 V AC 50/60 Hz AC-3
	4 kW 440/690 V AC 50/60 Hz AC-3
	2.2 kW 220230 V AC 50/60 Hz AC-3e
	4 kW 380415 V AC 50/60 Hz AC-3e
	4 kW 440/690 V AC 50/60 Hz AC-3e
	2.2 kW 220230 V AC 50/60 Hz AC-4 4 kW 380415 V AC 50/60 Hz AC-4
	4 kW 440/690 V AC 50/60 Hz AC-4
Auxiliary contact composition	1 NO
[Uimp] rated impulse withstand voltage	8 kV
Overvoltage category	III
[Ith] conventional free air thermal	20 A (at 140 °F (60 °C)) for power circuit
current	10 A (at 122 °F (50 °C)) for signalling circuit
Irms rated making capacity	110 A AC for power circuit conforming to IEC 60947
3 - 4 3	110 A AC for signalling circuit conforming to IEC 60047

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

110 A AC for signalling circuit conforming to IEC 60947

110 A at 389400 V conforming to IEC 60947 110 A at 440 V conforming to IEC 60947 110 A at 440 V conforming to IEC 60947 80 A at 500 V conforming to IEC 60947 70 A at 600690 V conforming to IEC 60947 810 A at 500 V conforming to IEC 60947 810 A at 500 V conforming to IEC 60947 810 A 120 F (60 °C) - 5 s for power circuit 810 A 122 F (60 °C) - 5 s for power circuit 811 A 122 F (60 °C) - 5 s for power circuit 812 A 122 F (60 °C) - 5 s for power circuit 813 A 122 F (60 °C) - 10 s for power circuit 814 A 122 F (60 °C) - 10 s for power circuit 815 A 122 F (60 °C) - 10 s for power circuit 816 A 122 F (60 °C) - 10 s for power circuit 817 A 122 F (60 °C) - 10 s for power circuit 818 A 122 F (60 °C) - 10 s for power circuit 819 A - 150 m s for signalling circuit 810 A - 150 m s for signalling circuit 810 A - 150 m s for signalling circuit 810 A - 150 m s for signalling circuit 810 A - 150 m s for signalling circuit 811 A - 100 m s for signalling circuit 812 A - 100 m s for signalling circuit 813 A - 100 m s for signalling circuit 814 A - 100 m s for signalling circuit 815 A - 100 m s for signalling circuit 816 A - 100 m s for signalling circuit 817 A - 100 m s for signalling circuit 818 A - 100 m s for signalling circuit 819 A - 100 m s for signalling circuit 810 A - 100 m s for signalling circuit 810 A - 100 m s for signalling circuit 810 A - 100 m s for signalling circuit 810 A - 100 M		
110 A at 440 v conforming to IEC 60947   110 A at 450 v conforming to IEC 60947   80 A at 500 V conforming to IEC 60947   80 A at 500 V conforming to IEC 60947   81 A at 500 V conforming to IEC 60947   82 A at 500 V conforming to IEC 60947   83 A 122 °F (30 °C) - 1 s for power circuit   83 A 122 °F (30 °C) - 3 s for power circuit   83 A 122 °F (30 °C) - 3 s for power circuit   84 A 122 °F (30 °C) - 3 s for power circuit   85 A 122 °F (30 °C) - 3 s for power circuit   86 A 122 °F (30 °C) - 3 min for power circuit   87 A 122 °F (30 °C) - 3 min for power circuit   88 A 122 °F (30 °C) - 3 min for power circuit   89 A - 1 s for signalling circuit   80 A - 1 s for signalling circuit   80 A - 1 s for signalling circuit   80 A - 1 s for signalling circuit   81 A all for power circuit   82 A all for power circuit   82 A all for power circuit   83 A g (30 for signalling circuit conforming to IEC 60947   83 A g (30 for signalling circuit conforming to IEC 60947   83 A g (30 for signalling circuit conforming to IEC 60947   83 A g (30 for signalling circuit conforming to IEC 60947   83 A g (30 for signalling circuit conforming to IEC 60947   84 A g (30 for signalling circuit conforming to IEC 60947   85 A g (30 for signalling circuit conforming to IEC 60947   86 A g (30 for signalling circuit conforming to IEC 60947   87 A g (30 for signalling circuit conforming to IEC 60947   88 A g (30 for signalling circuit conforming to IEC 60947   89 A g (30 for signalling circuit conforming to IEC 60947   89 A g (30 for signalling circuit conforming to IEC 60947   80 A g (30 for signalling circuit conforming to IEC 60947   80 A g (30 for signalling circuit conforming to IEC 60947   80 A g (30 for signalling circuit for signalling circuit g (30 for	Rated breaking capacity	
80 A at 500 V conforming to LEC 60947		· · · · · · · · · · · · · · · · · · ·
To A at 860980 V conforming to IEC 60947		<u>•</u>
		•
85 A 122 F (50 °C) - 5 is for power circuit   80 A 122 F (50 °C) - 10 is for power circuit   80 A 122 F (50 °C) - 10 is for power circuit   80 A 122 F (50 °C) - 10 is for power circuit   80 A 122 F (50 °C) - 1 min for power circuit   80 A 122 F (50 °C) - 3 min for power circuit   80 A 1 8 for signalling circuit   80 A 1 5 is signalling circuit   80 A 1 5 is signalling circuit   80 A 1 5 is signalling circuit   80 A 1 5 for signalling circuit   80 A 2 for signalling circuit   80 A 3 for signalling circuit   80 A 3 for signalling circuit   80 A 3 for signalling circuit   80 A 4 for signalling circuit   80 A 2 for signalling circuit   80 A 3 for signalling circuit   80 A 4 for signalling circuit   80 A 5 for signalling circuit   80 A 5 for signalling circuit   80 A 5 for signalling circuit   80 A 6 for signalling ci		70 A at 000030 V contourning to IEC 00347
89 A 122 °F (60 °C) - 10 s for power circuit 89 A 128 °F (60 °C) - 30 s for power circuit 80 A 128 °F (60 °C) - 30 s for power circuit 45 A 122 °F (60 °C) - 30 s for power circuit 46 A 128 °F (60 °C) - 30 s for power circuit 26 A 128 °F (60 °C) - 30 s for power circuit 28 A 128 °F (60 °C) - 30 s for power circuit 29 A -500 ms for signalling circuit 190 A -500 ms for signalling circuit 110 A - 100 ms for signalling circuit 110 A - 100 ms for signalling circuit 25 A aM for power circuit 25 A aM for power circuit 26 A aM for power circuit 26 A aM for power circuit 27 A aM for power circuit 28 A aM for power circuit 28 A aM for power circuit 29 A -50 ms for signalling circuit conforming to IEC 60947 10 A g6 for signalling circuit conforming to VDE 0600  Average impedance 3 mChm - Ith 20 A 50 Hz for power circuit 18 A 54 A 54 A 64 8 °F (20 °C)  Average impedance 3 mChm - Ith 20 A 50 Hz for power circuit 18 A 54 A 64 8 °F (20 °C)  Heat dissipation 1.3 W  Control circuit voltage limits Operational: 0.81.15 Uc (at <122 °F (50 °C))  Connections - terminals  Sorew clamp terminals 1.0 0.00 0.00 s for (15 .4. 4 mm²)splid sorew clamp terminals 1.0 0.00 0.00 s for (15 .4. 4 mm²)splid sorew clamp terminals 1.0 0.00 0.00 s for (10 .5. 4. 4 mm²)splid sorew clamp terminals 1.0 0.00 0.00 s for (10 .5. 4. 4 mm²)splid sorew clamp terminals 1.0 0.00 0.00 s for (10 .5. 4. 4 mm²)splid sorew clamp terminals 1.0 0.00 0.00 s for (10 .5. 4. 4 mm²)splid sorew clamp terminals 1.0 0.00 0.00 s for (10 .5. 4. 4 mm²)splid sorew clamp terminals 2.0 0.00 0.00 s for (10 .5. 4. 4 mm²)splid sorew clamp terminals 2.0 0.00 0.00 s for (10 .5. 4. 4 mm²)splid sorew clamp terminals 2.0 0.00 0.00 s for (10 .5. 4. 4 mm²)splid sorew clamp terminals 2.0 mm² 0.00 s for (10 .5. 4. 4 mm²)splid sorew clamp terminals 2.0 mm² 0.00 s for (10 .5. 4. 4 mm²)splid sorew clamp terminals 2.0 mm² 0.00 s for (10 .5. 4. 4 mm²)splid sorew clamp terminals 2.0 mm² 0.00 s for (10 .5. 4. 4 mm²)splid sorew clamp terminals	[Icw] rated short-time withstand	
86 A 122° F (60° °C) - 3 for power circuit 45 A 122° F (60° °C) - 3 min for power circuit 46 A 122° F (60° °C) - 3 min for power circuit 40 A 122° F (60° °C) - 3 min for power circuit 80 A - 1 s for signalling circuit 90 A - 500 ms for signalling circuit 110 A - 100 ms for signalling circuit 110 A - 100 ms for signalling circuit 25 A gG at <= 440 V for power circuit 25 A gG of signalling circuit conforming to IEC 60947 10 A gG for signalling circuit conforming to IEC 60947 10 A gG for signalling circuit conforming to VDE 6060  Average impedance 3 mcNm - Ith 20 A 50 Hz for power circuit 10 A gG for signalling circuit conforming to IEC 60947 10 A gG for signalling circuit conforming to VDE 6060  Average impedance 3 mcNm - Ith 20 A 50 Hz for power circuit  Insulation resistance > 10 MChm for signalling circuit  Insulation resistance 1	our one	, ,
45 A 122° F (6° °C) - 3 min for power circuit 40 A 122° F (6° °C) - 3 min for power circuit 20 A 122° F (50° °C) - 3 min for power circuit 20 A 122° F (50° °C) - 3 min for power circuit 30 A - 1 s for signalling circuit 100 A - 100 ms for signalling circuit 110 A - 100 ms for signalling circuit 110 A - 100 ms for signalling circuit 125 A aM for power circuit 125 A aM for power circuit 126 A aM for power circuit 127 A aM for power circuit 128 A g6 at <= 440 V for power circuit 129 A signalling circuit conforming to IEC 60947 10 A g6 for signalling circuit conforming to VDE 0660  Average impedance 3 mChm - Ith 20 A 50 Hz for power circuit 128 A g6 for signalling circuit conforming to VDE 0660  Average impedance 3 mChm - Ith 20 A 50 Hz for power circuit 129 A 50 Hz for power circuit 120 A 50 Hz for power circuit 120 A 50 Hz for power circuit 121 A 50 Hz for power circuit 122 M 50 Hz for power circuit 123 A 50 Hz for power circuit 124 A 50 Hz for power circuit 125 A 60 Hz for power circuit 126 A 50 Hz for power circuit 127 A 50 Hz for power circuit 128 A 50 Hz for power circuit 129 A 50 Hz for power circuit 129 A 50 Hz for power circuit 120 A 50 Hz for power circuit 120 A 50 Hz for power circuit 120 A 50 Hz for power circuit 121 A 50 Hz for power circuit 122 A 50 Hz for power circuit 123 A 50 Hz for power circuit 124 A 50 Hz for power circuit 125 A 60 Hz for power circuit 126 A 60 Hz for power circuit 127 A 60 Hz for power circuit 128 A 60 Hz for power circuit 129 A 60 Hz for power circuit 129 A 60 Hz for power circuit 129 A 60 Hz for power circuit 120 A 50 Hz for power circuit 120 A 50 Hz for power circuit 120 A 50 Hz for power circuit 120 A 60 Hz for power ci		· · ·
20 A 122 °F (60 °C) -> 15 min for power circuit 80 A - 1 s for signalling circuit 190 A - 500 ms for signalling circuit 190 A - 500 ms for signalling circuit 110 A - 100 ms for signalling circuit 25 A all for power circuit 125 A all for power circuit 126 A all for power circuit 127 A all for power circuit 128 A all for power circuit 129 A gG for signalling circuit conforming to IEC 60947 10 A gG for signalling circuit conforming to VDE 0680  Average impedance 3 m/Dhm - Ith 20 A 50 Hz for power circuit Insulation resistance Insulation (A 45 °F (20 °C))  Hotd-in power consumption in VA 45 VA (at 68 °F (20 °C))  Connections terminals  Operational: 0.81.15 Uc (at <122 °F (50 °C))  Connections - terminals  Serve clamp terminals 1 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 1 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 1 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.54 mm²)solid  screw clamp terminals 2 0.000 0.006 in of (1.5		
80 A - 15 for signalling circuit 90 A - 500 ms for signalling circuit 110 A - 100 ms for signalling circuit 125 A g at <= 440 V for power circuit 25 A g for signalling circuit conforming to IEC 60947 10 A g 6 for signalling circuit conforming to IEC 60947 10 A g 6 for signalling circuit conforming to VDE 0860  Average impedance 3 mOhm - Ith 20 A 50 Hz for power circuit 10 A g 6 for signalling circuit conforming to VDE 0860  Average impedance 3 mOhm - Ith 20 A 50 Hz for power circuit 10 A g 6 for signalling circuit conforming to VDE 0860  Average impedance 3 mOhm - Ith 20 A 50 Hz for power circuit 10 A g 6 for signalling circuit 10 A g 7 G 7 G 7 G 7 G 7 G 7 G 7 G 7 G 7 G 7		
89.A\$00 ms for signalling circuit 110 A100 ms for signalling circuit 125 A M for power circuit 126 A M for power circuit 126 A M for power circuit 126 A M for power circuit 127 A g for signalling circuit conforming to IEC 60947 10 A g for signalling circuit conforming to VDE 0660  Average impedance 3 mOhm - Ith 20 A 50 Hz for power circuit Insulation resistance Insulation resistance > 10 MOhm for signalling circuit  A 50 VA (at 68 °F (20 °C))  Hold-in power consumption in VA 4.5 VA (at 68 °F (20 °C))  Heat dissipation 1.3 W  Control circuit voltage limits Operationals 0.81.15 Uc (at <122 °F (50 °C))  Connections - terminals  screw clamp terminals 1.0.0020.006 in² (1.54 mm²)solid screw clamp terminals 1.0.0020.006 in² (0.754 mm²)solid screw clamp terminals 1.0.0020.006 in² (1.54 mm²)solid screw clamp terminals 2.0.0020.006 in² (1.54 mm²)solid sc		·
Associated fuse rating 25 A gG at <= 440 V for power circuit 25 A aM for power circuit 25 A aM for power circuit 25 A aM for power circuit 26 A gG for signalling circuit conforming to IEC 60947 10 A gG for signalling circuit conforming to VDE 0660 AVerage impedance 3 mOhm - Ith 20 A 50 Hz for power circuit Insulation resistance > 10 MOhm for signalling circuit Insulation resistance   10 MOhm for signalling circuit Insulation resistance   10 MOhm for signalling circuit   13 W   13 VA (at 68 °F (20 °C))   13 W   14 S VA (at 68 °F (20 °C))   13 W   15 VA (at 68 °F (20 °C))   16 VA (at 68 °F (20 °C))   16 VA (at 68 °F (20 °C))   16 VA (at 68 °F (20 °C))   17 VA (at 68 °F (20 °C))   17 VA (at 68 °F (20 °C))   18 VA (at 68 °C)   18 VA (at 68 °C)   18 VA (at 68 °C)   18 VA		· · ·
25 A a M for power circuit   10 A g G for signalling circuit conforming to IEC 60947   10 A g G for signalling circuit conforming to VDE 0660		110 A - 100 ms for signalling circuit
25 A aM for power circuit 10 A 9G for signalling circuit conforming to IEC 60947 10 A 9G for signalling circuit conforming to VDE 0660  Average impedance 3 mOhm - Ith 20 A 50 Hz for power circuit  Inrush power in VA 30 VA (at 68 °F (20 °C))  Hold-in power consumption in VA 4.5 VA (at 68 °F (20 °C))  Heat dissipation 1.3 W  Control circuit voltage limits Operational: 0.81.15 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C)) Drop-out: > 0.20 Uc (at <122 °F (50 °C) Drop-out: > 0.20 Uc (at <122 °F (50 °C) Drop-out: > 0.20 Uc (at <122 °F (50 °C) Drop-	Associated fuse rating	25 A gG at <= 440 V for power circuit
Average impedance  3 mOhm - Ith 20 A 50 Hz for power circuit  Insulation resistance  > 10 MOhm for signalling circuit  Inrush power in VA  30 VA (at 68 °F (20 °C))  Hold-in power consumption in VA  4.5 VA (at 68 °F (20 °C))  Heat dissipation  1.3 W  Control circuit voltage limits  Operational: 0.81.15 Uc (at <122 °F (50 °C))  Drop-out: ≥= 0.20 Uc (at <122 °F (50 °C))  Connections - terminals  screw clamp terminals 1 0.000 0.006 in² (1.54 mm²)lexible without cable end screw clamp terminals 1 0.000 0.006 in² (0.754 mm²)lexible with cable end screw clamp terminals 1 0.000 0.004 in² (0.754 mm²)lexible with cable end screw clamp terminals 2 0.001 0.006 in² (0.754 mm²)lexible with cable end screw clamp terminals 2 0.002 0.006 in² (0.754 mm²)lexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)lexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)lexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)lexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)lexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)lexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)lexible with cable end screw clamp terminals 2 0.0005 in² (0.754 mm²)lexible with cable end screw clamp terminals 2 0.0005 in² (0.754 mm²)lexible with cable end screw clamp terminals 2 0.0005 in² (0.754 mm²)lexible with cable end screw clamp terminals 2 0.0005 in² (0.754 mm²)lexible with cable end screw clamp terminals 2 0.0005 in² (0.754 mm²)lexible with cable end screw clamp terminals 2 0.0005 in² (0.754 mm²)lexible with cable end screw clamp terminals 2 0.0005 in² (0.754 mm²)lexible with cable end screw clamp terminals 2 0.0005 in² (0.754 mm²)lexible with cable end screw clamp terminals 2 0.0005 in² (0.754 mm²)lexible with cable end screw clamp terminals 0.0005 in² (0.754 mm²)lexible with cable end screw clamp termi		· ·
Average impedance 3 mOhm - Ith 20 A 50 Hz for power circuit  Insulation resistance > 10 MOhm for signalling circuit  Inrush power in VA 30 VA (at 68 °F (20 °C))  Heat dissipation 1.3 W  Control circuit voltage limits Operational: 0.81.15 Uc (at <122 °F (50 °C))  Drop-out >> 0.20 Uc (at <122 °F (50 °C))   Connections - terminals 0.90 care damp terminals 1 0.002 0.006 in² (0.75 4 mm²) lexible without cable and screw clamp terminals 2 0.000 0.006 in² (0.75 4 mm²) lexible without cable end screw clamp terminals 2 0.000 0.006 in² (0.75 4 mm²) lexible without cable end screw clamp terminals 2 0.000 0.006 in² (0.75 4 mm²) lexible with cable end screw clamp terminals 2 0.000 0.006 in² (0.75 4 mm²) lexible with cable end screw clamp terminals 2 0.000 0.006 in² (0.75 4 mm²) lexible with cable end screw clamp terminals 2 0.000 0.006 in² (0.75 4 mm²) lexible with cable end screw clamp terminals 2 0.000 0.000 in² (0.75 4 mm²) lexible with cable end screw clamp terminals 2 0.000 0.000 in² (0.75 4 mm²) lexible with cable end screw clamp terminals 2 0.000 0.000 in² (0.75 4 mm²) lexible with cable end screw clamp terminals 2 0.000 0.000 in² (0.75 4 mm²) lexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.75 4 mm²) lexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.75 4 mm²) lexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.75 4 mm²) lexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.75 4 mm²) lexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.75 4 mm²) lexible end screw clamp terminals 2 0.0005 0.002 in² (0.75 4 mm²) lexible end screw clamp terminals 2 0.0005 0.002 in² (0.75 4 mm²) lexible end screw clamp terminals 2 0.0005 0.002 in² (0.75 4 mm²) lexible end screw clamp terminals 2 0.0005 0.002 in² (0.75 4 mm²) lexible end screw clamp terminals 2 0.0005 0.000 in² (0.75 4 mm²) lexi		· · · · · · · · · · · · · · · · · · ·
Insulation resistance		10 A gG for signalling circuit conforming to VDE 0660
Inrush power in VA	Average impedance	3 mOhm - Ith 20 A 50 Hz for power circuit
Hold-in power consumption in VA	Insulation resistance	> 10 MOhm for signalling circuit
Control circuit voltage limits	Inrush power in VA	30 VA (at 68 °F (20 °C))
Control circuit voltage limits   Operational: 0.81.15 Uc (at <122 °F (50 °C))	Hold-in power consumption in VA	4.5 VA (at 68 °F (20 °C))
Drop-out: >= 0.20 Uc (at <122 °F (50 °C))	Heat dissipation	1.3 W
Screw clamp terminals   Screw clamp terminals 1 0.0020.006 in² (1.54 mm²) solid	Control circuit voltage limits	, , , , , , , , , , , , , , , , , , , ,
screw clamp terminals 1 0.001 0.006 in² (0.754 mm²)flexible without cable end screw clamp terminals 1 0.0005 0.004 in² (0.342.5 mm²)flexible with cable end screw clamp terminals 2 0.002 0.006 in² (0.754 mm²)flexible with cable end screw clamp terminals 2 0.002 0.006 in² (0.754 mm²)flexible without cable end screw clamp terminals 2 0.000.0 0.002 in² (0.341.5 mm²)flexible without cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0005 0.0005 0.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0005 0.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0005.	Connections terminals	
screw clamp terminals 1 0.00050 0.04 in² (0.342.5 mm²)flexible with cable end screw clamp terminals 2 0.002006 in² (1.54 mm²)flexible without cable end screw clamp terminals 2 0.0010.006 in² (0.754 mm²)flexible without cable end screw clamp terminals 2 0.00050.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.00050.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.00050.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.00050.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.00050.002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in² (0.341.5 mm²)flexible with cable end screw clamp terminals 2 0.0002 in²	Connections - terminais	
screw clamp terminals 2 0.0010.006 in² (0.754 mm²)flexible without cable end screw clamp terminals 2 0.00050002 in² (0.341.5 mm²)flexible with cable end  Maximum operating rate 3600 cyc/h  Auxiliary contacts type Instantaneous 1 NO  Signalling circuit frequency <= 400 Hz  Minimum switching current 5 mA for signalling circuit  Minimum switching voltage 17 V for signalling circuit  Operating time 1020 ms coil de-energisation and NO opening 1020 ms coil energisation and NO closing  Safety reliability level B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1  Non overlap distance 0.02 in (0.5 mm)  Mechanical durability 10 Mcycles  Electrical durability 1.3 Mcycles 9 A AC-3 <= 440 V 1.3 Mcycles 9 A AC-3 <= 440 V 0.16 Mcycles 20 A AC-1 <= 690 V 0.02 Mcycles 54 A AC-4 <= 440 V 0.02 Mcycles 54 A AC-4 <= 440 V 0.02 Mcycles 54 A AC-4 <= 440 V 0.03 Mcycles 54 AC-4 <= 440 V 0.03 Mcycle		
Screw clamp terminals 2 0.00050.002 in² (0.341.5 mm²)flexible with cable end  Maximum operating rate  3600 cyc/h  Auxiliary contacts type  Instantaneous 1 NO  Signalling circuit frequency  <= 400 Hz  Minimum switching current  5 mA for signalling circuit  Minimum switching voltage  17 V for signalling circuit  1020 ms coil de-energisation and NO opening 1020 ms coil energisation and NO closing  Safety reliability level  B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1 Non overlap distance  0.02 in (0.5 mm)  Mechanical durability  10 Mcycles  1.3 Mcycles 9 A AC-3 <= 440 V 1.3 Mcycles 9 A AC-3 << 440 V 0.16 Mcycles 20 A AC-1 <= 690 V 0.02 Mcycles 54 A AC-4 <= 440 V 0.02 Mcycles 54 A AC-4 <= 600 V 0.02 Mcycles 54 AC-3 <= 600 V		
Auxiliary contacts type  Instantaneous 1 NO  Signalling circuit frequency  <= 400 Hz  Minimum switching current  5 mA for signalling circuit  17 V for signalling circuit  1020 ms coil de-energisation and NO opening 1020 ms coil energisation and NO closing  Safety reliability level  B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1 Non overlap distance  0.02 in (0.5 mm)  Mechanical durability  10 Mcycles  Light Sycles 9 A AC-3 <= 440 V 1.3 Mcycles 9 A AC-3 <= 440 V 0.16 Mcycles 20 A AC-1 <= 690 V 0.02 Mcycles 54 A AC-4 <= 440 V 0.16 Mcycles 20 A AC-1 << 690 V 0.02 Mcycles 54 A AC-4 <= 440 V  Mechanical robustness  Shocks contactor closed, on X axis 10 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Y axis 15 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on X axis 6 for for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis 6 for for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis 6 for for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis 10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis 6 for for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis 10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened on X axis 10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor opened Gn, 5300 Hz IEC 60068-2-27 Vibrations contactor opened Gn, 5300 Hz IEC 60068-2-6 Vibrations contactor opened Gn, 5300 Hz IEC 60068-2-6		
Minimum switching current  5 mA for signalling circuit  Minimum switching voltage  17 V for signalling circuit  1020 ms coil de-energisation and NO opening 1020 ms coil energisation and NO closing  Safety reliability level  B10d = 1369963 cycles contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1 Non overlap distance  0.02 in (0.5 mm)  Mechanical durability  10 Mcycles  Electrical durability  1.3 Mcycles 9 A AC-3 <= 440 V 1.3 Mcycles 9 A AC-3 <= 440 V 0.16 Mcycles 20 A AC-1 <= 690 V 0.02 Mcycles 54 A AC-4 <= 440 V  Mechanical robustness  Shocks contactor closed, on X axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Y axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on X axis6 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis6 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor opened on Y axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor opened on Y axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor opened on Y axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor opened on Y axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor opened on Y axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor opened on Y axis10 Gn for 11 ms IEC 60068-2-6 Vibrations contactor opened On, 5300 Hz IEC 60068-2-6	Maximum operating rate	3600 cyc/h
Minimum switching current  5 mA for signalling circuit  17 V for signalling circuit  1020 ms coil de-energisation and NO opening 1020 ms coil energisation and NO closing  Safety reliability level  B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1  Non overlap distance  0.02 in (0.5 mm)  Mechanical durability  1.3 Mcycles 9 A AC-3 <= 440 V 1.3 Mcycles 9 A AC-3 << 440 V 0.16 Mcycles 20 A AC-1 <= 690 V 0.02 Mcycles 54 A AC-4 <= 440 V 0.02 Mcycles 54 A AC-4 <= 440 V 0.02 Mcycles 54 A AC-4 <= 440 V 0.03 Mcycles 54 A AC-6 <= 450 Mcycles 54 AC-6 Mcycles 54 AC-6 Mcycles 54 AC-6 <= 450 Mcycles 54 AC-6 Mcyc	Auxiliary contacts type	Instantaneous 1 NO
Minimum switching voltage  17 V for signalling circuit  1020 ms coil de-energisation and NO opening 1020 ms coil energisation and NO closing  Safety reliability level  B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1  Non overlap distance  0.02 in (0.5 mm)  Mechanical durability  10 Mcycles  Electrical durability  1.3 Mcycles 9 A AC-3 <= 440 V 1.3 Mcycles 9 A AC-3 <= 40 V 1.3 M	Signalling circuit frequency	<= 400 Hz
Operating time  1020 ms coil de-energisation and NO opening 1020 ms coil energisation and NO closing  B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1  Non overlap distance  0.02 in (0.5 mm)  Mechanical durability  10 Mcycles  Electrical durability  1.3 Mcycles 9 A AC-3 <= 440 V 1.3 Mcycles 9 A AC-3 << 440 V 0.16 Mcycles 20 A AC-1 <= 690 V 0.02 Mcycles 54 A AC-4 <= 440 V  Mechanical robustness  Shocks contactor closed, on X axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Y axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Z axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on X axis6 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor closed4 Gn, 5300 Hz IEC 60068-2-6 Vibrations contactor opened2 Gn, 5300 Hz IEC 60068-2-6  Height  2.3 in (58 mm)	Minimum switching current	5 mA for signalling circuit
1020 ms coil energisation and NO closing	Minimum switching voltage	17 V for signalling circuit
B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1	Operating time	1020 ms coil de-energisation and NO opening
B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1   Non overlap distance		1020 ms coil energisation and NO closing
Mechanical durability	Safety reliability level	· · · · · · · · · · · · · · · · · · ·
1.3 Mcycles 9 A AC-3 <= 440 V	Non overlap distance	0.02 in (0.5 mm)
1.3 Mcycles 9 A AC-3 <= 440 V 0.16 Mcycles 20 A AC-1 <= 690 V 0.02 Mcycles 54 A AC-4 <= 440 V  Mechanical robustness  Shocks contactor closed, on X axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Y axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Z axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis6 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Z axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Z axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor closed4 Gn, 5300 Hz IEC 60068-2-6 Vibrations contactor opened2 Gn, 5300 Hz IEC 60068-2-6  Height  2.3 in (58 mm)	Mechanical durability	10 Mcycles
1.3 Mcycles 9 A AC-3 <= 440 V 0.16 Mcycles 20 A AC-1 <= 690 V 0.02 Mcycles 54 A AC-4 <= 440 V  Mechanical robustness  Shocks contactor closed, on X axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Y axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Z axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis6 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Z axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Z axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor closed4 Gn, 5300 Hz IEC 60068-2-6 Vibrations contactor opened2 Gn, 5300 Hz IEC 60068-2-6  Height  2.3 in (58 mm)	Electrical durability	1.3 Mcycles 9 A AC-3 <= 440 V
Mechanical robustness  Shocks contactor closed, on X axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Y axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Z axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis6 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis6 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Z axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor closed4 Gn, 5300 Hz IEC 60068-2-6 Vibrations contactor opened2 Gn, 5300 Hz IEC 60068-2-6  Height  2.3 in (58 mm)	•	
Shocks contactor closed, on X axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Y axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Z axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis6 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Z axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor closed4 Gn, 5300 Hz IEC 60068-2-6 Vibrations contactor opened2 Gn, 5300 Hz IEC 60068-2-6  Height  2.3 in (58 mm)		
Shocks contactor closed, on Y axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Z axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis6 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Z axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Z axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor closed4 Gn, 5300 Hz IEC 60068-2-6 Vibrations contactor opened2 Gn, 5300 Hz IEC 60068-2-6  Height  2.3 in (58 mm)	Markania da L	·
Shocks contactor closed, on Z axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis6 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Z axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Z axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor closed4 Gn, 5300 Hz IEC 60068-2-6 Vibrations contactor opened2 Gn, 5300 Hz IEC 60068-2-6  Height  2.3 in (58 mm)	mecnanical robustness	
Shocks contactor opened, on X axis6 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Z axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor closed4 Gn, 5300 Hz IEC 60068-2-6 Vibrations contactor opened2 Gn, 5300 Hz IEC 60068-2-6  Height  2.3 in (58 mm)		
Shocks contactor opened, on Z axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor closed4 Gn, 5300 Hz IEC 60068-2-6 Vibrations contactor opened2 Gn, 5300 Hz IEC 60068-2-6  Height  2.3 in (58 mm)		
Vibrations contactor closed4 Gn, 5300 Hz IEC 60068-2-6 Vibrations contactor opened2 Gn, 5300 Hz IEC 60068-2-6  Height  2.3 in (58 mm)		· ·
Vibrations contactor opened2 Gn, 5300 Hz IEC 60068-2-6  Height 2.3 in (58 mm)		
		2.3 in (58 mm)
	Width	1.8 in (45 mm)

**Depth** 2.2 in (57 mm)

#### **Environment**

Standards	EN/IEC 60947-4-1 GB/T 14048.4 UL 60947-4-1 CSA C22.2 No 60947-4-1 JIS C8201-4-1 IEC 60335-1:Clause 30.2 IEC 60335-2-40:Annex JJ UL 60335-2-40:Annex JJ
Product Certifications	CB Scheme CCC UL CSA EAC CE
Protective treatment	TC IEC 60068 TC DIN 50016
Operating altitude	6561.68 ft (2000 m) without derating
Flame retardance	V1 conforming to UL 94 Requirement 2 conforming to NF F 16-101 Requirement 2 conforming to NF F 16-102

## Ordering and shipping details

Category	US10I1222326
Discount Schedule	0112
GTIN	3389110363876
Returnability	Yes
Country of origin	FR

## **Packing Units**

_	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.969 in (5.000 cm)
Package 1 Width	2.362 in (6.000 cm)
Package 1 Length	2.559 in (6.500 cm)
Package 1 Weight	6.279 oz (178.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	20.225 lb(US) (9.174 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	800
Package 3 Height	29.528 in (75.000 cm)
Package 3 Width	23.622 in (60.000 cm)

Package 3 Length	31.496 in (80.000 cm)
Package 3 Weight	340.359 lb(US) (154.384 kg)

### **Contractual warranty**

Warranty 18 months



**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >







Sustainable Packaging Transparency RoHS/REACh

#### Resource performance



Sustainable Packaging

#### Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information

#### **Certifications & Standards**

Reach Regulation

Eu Rohs Directive

Compliant

EU RoHS Declaration

China Rohs Regulation

China Rohs Regulation

China Rohs declaration

Pro-active China Rohs declaration (out of China Rohs legal scope)

Environmental Disclosure

Product Environmental Profile

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Circularity Profile

End of Life Information

Yes

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