Product datasheet

Specifications





TeSys D contactor - 4P(4 NO) -AC-1 - <= 440 V 80 A - 115 V AC 50/60 Hz coil

Local distributor code: 393511730

LC1DT80AFE7

EAN Code: 3389119409414

Main

Range	TeSys TeSys Deca
Range Of Product	TeSys Deca
Product Or Component Type	Contactor
Device Short Name	LC1D
Contactor Application	Resistive load
Utilisation Category	AC-1
Poles Description	4P
[Ue] Rated Operational Voltage	Power circuit: <= 690 V AC 25400 Hz Power circuit: <= 300 V DC
[le] Rated Operational Current	80 A (at <60 °C) at <= 440 V AC AC-1 for power circuit
[Uc] Control Circuit Voltage	115 V AC 50/60 Hz

Complementary

Compatibility Code	LC1D
Pole Contact Composition	4 NO
Protective Cover	With
[Ith] Conventional Free Air Thermal Current	10 A (at 60 °C) for signalling circuit 80 A (at 60 °C) for power circuit
Irms Rated Making Capacity	140 A AC for signalling circuit conforming to IEC 60947-5-1 250 A DC for signalling circuit conforming to IEC 60947-5-1 1000 A at 440 V for power circuit conforming to IEC 60947
Rated Breaking Capacity	1000 A at 440 V for power circuit conforming to IEC 60947
[Icw] Rated Short-Time Withstand Current	640 A 40 °C - 10 s for power circuit 900 A 40 °C - 1 s for power circuit 110 A 40 °C - 10 min for power circuit 260 A 40 °C - 1 min for power circuit 100 A - 1 s for signalling circuit 120 A - 500 ms for signalling circuit 140 A - 100 ms for signalling circuit
Associated Fuse Rating	10 A gG for signalling circuit conforming to IEC 60947-5-1 125 A gG at <= 690 V coordination type 1 for power circuit 125 A gG at <= 690 V coordination type 2 for power circuit
Average Impedance	1.6 mOhm - Ith 80 A 50 Hz for power circuit
Power Dissipation Per Pole	10.2 W AC-1

Uij Rated Insulation Voltage Power crout. 600 V CSA crifted Signaling crout. 600 V CSA crifted Signaling crout. 600 V CSA crifted Power crout. 500		
Pollution Degree 3 Uimp) Rated Impulse Withstand 6 kV conforming to IEC 60947 Safety Reliability Level B10d = 1308963 cycles contactor with nominal load conforming to EN/ISO 13849-1 Mechanical Durability 6 Mcycles Electrical Durability 1 M Krydes 80 A AC-1 at Ue <= 440 V	[Ui] Rated Insulation Voltage	Power circuit: 600 V UL certified Signalling circuit: 690 V conforming to IEC 60947-1 Signalling circuit: 600 V CSA certified Signalling circuit: 600 V UL certified
Ump Part Impulse Withstand 6 kV conforming to IEC 60947 Safety Reliability Level B104 = 1389893 cycles contactor with nominal load conforming to EMISO 13849.1 B104 = 2000000 cycles contactor with mechanical load conforming to EMISO 13849.1 Mechanical Durability 6 Mcycles 8 Electrical Durability 1.4 Mcycles 80 A AC-1 at Ue <= 440 V	Overvoltage Category	III
Voltage ••••••••••••••••••••••••••••••••••••	Pollution Degree	3
Safety Reliability Level B10d = 1389863 cycles contactor with nominal load conforming to ENISO 13849-1 B10d = 20000000 cycles contactor with mechanical load conforming to ENISO 13849-1 Mechanical Durability 6 Mcycles Electrical Durability 1.4 Mcycles 80 A AC-1 at Ue <= 440 V		6 kV conforming to IEC 60947
Electrical Durability 1.4 Mcycles 80 A AC-1 at Ue <= 440 V		B10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO
Control Circuit Type AC at 50/60 Hz Coil Technology Without built-in suppressor module Control Circuit Voltage Limits 0.30.6 Uc (4070 °C):operational AC 50/80 Hz 0.81.1 Uc (4060 °C):operational AC 50/80 Hz 0.81.1 Uc (4060 °C):operational AC 50/80 Hz Inrush Power In Va 140 VA 60 Hz cos phi 0.75 (at 20 °C) Hold-In Power Consumption In Va 13 VA 60 Hz cos phi 0.75 (at 20 °C) Hold-In Power Consumption In Va 13 VA 60 Hz cos phi 0.3 (at 20 °C) Heat Dissipation 45 W at 50/60 Hz Operating Time 45 W at 50/60 Hz Operating Time 45 W at 50/60 Hz Control circuit: screw clamp terminals 2 12.5 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: flexible with cable end Control circuit: screw connection 1 135 mm² - cable stiffness: flexible without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: flexible without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid wi	Mechanical Durability	6 Mcycles
Coll Technology Without built-in suppressor module Control Circuit Voltage Limits 0.30.6 Uc (4070 °C) coperational AC 50 Hz 0.81.1 Uc (4060 °C) coperational AC 50 Hz 0.81.1 Uc (4060 °C) coperational AC 500 Hz 11 Uc (4060 °C) coperational AC 500 Hz Inrush Power In Va 140 VA 60 Hz cos phi 0.75 (at 20 °C) Hold-In Power Consumption In Va 13 VA 50 Hz cos phi 0.3 (at 20 °C) Held-In Power Consumption In Va 13 VA 50 Hz cos phi 0.3 (at 20 °C) Heat Dissipation 45 W at 50/60 Hz Operating Time 45 W at 50/60 Hz Operating Time 45 W at 50/60 Hz Connections - Terminals Control circuit: screw clamp terminals 2 12.5 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit	Electrical Durability	1.4 Mcycles 80 A AC-1 at Ue <= 440 V
Control Circuit Voltage Limits 0.306 Uc (-4070 °C)/drop-out AC 50/60 Hz 0.81.1 Uc (-4060 °C) operational AC 50 Hz 0.81.1 Uc (-4060 °C) operational AC 50/60 Hz 1.1.1 Uc (-4060 °C) operational AC 50/60 Hz 0.1.1.1 Uc (-4060 °C) operational AC 50/60 Hz Inrush Power In Va 140 VA 60 Hz cos phi 0.75 (at 20 °C) Hold-In Power Consumption In Va 13 VA 60 Hz cos phi 0.3 (at 20 °C) Heat Dissipation 45 W at 50/60 Hz Operating Time 419 ms opening 1226 ms closing 3600 cyc/h 60 °C Connections - Terminals Control circuit: screw clamp terminals 2 12.5 mm ⁴ - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 14 mm ³ - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm ³ - cable stiffness: slow without cable end Control circuit: screw clamp terminals 1 14 mm ³ - cable stiffness: slow without cable end Control circuit: screw connection 1 135 mm ³ - cable stiffness: slow without cable end Control circuit: screw connection 1 135 mm ³ - cable stiffness: slow without cable end Power circuit: screw connection 2 125 mm ³ - cable stiffness: slow without cable end Power circuit: screw connection 1 135 mm ³ - cable stiffness: slow without cable end Power circuit: screw connection 1 135 mm ³ - cable stiffness: slow without cable end Power circuit: sc	Control Circuit Type	AC at 50/60 Hz
0.81.1 Uc (4060 °C):operational AC 50 Hz 0.851.1 Uc (4060 °C):operational AC 60 Hz Inrush Power In Va 140 VA 60 Hz cos phi 0.75 (at 20 °C) Hold-In Power Consumption In Va 13 VA 60 Hz cos phi 0.3 (at 20 °C) Hold-In Power Consumption In Va 13 VA 60 Hz cos phi 0.3 (at 20 °C) Heat Dissipation 45 W at 50/60 Hz Operating Time 45 W at 50/60 Hz Maximum Operating Rate 3600 cyc/h 60 °C Connections - Terminals Control circuit: screw clamp terminals 2 12.5 mm² - cable stiffness: flexible without cable end control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid without cable end Control circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw	Coil Technology	Without built-in suppressor module
160 VA 50 Hz cos phi 0.75 (at 20 °C) Hold-In Power Consumption In Va 13 VA 60 Hz cos phi 0.3 (at 20 °C) Heat Dissipation 45 W at 50/60 Hz Operating Time 49 ms opening 1226 ms closing 3600 cyc/h 60 °C Connections - Terminals Control circuit: screw clamp terminals 2 12.5 mm² - cable stiffness: flexible with cable end Connection - Terminals Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 1 135 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable en	Control Circuit Voltage Limits	0.81.1 Uc (-4060 °C):operational AC 50 Hz 0.851.1 Uc (-4060 °C):operational AC 60 Hz
15 VA 50 Hz cos phi 0.3 (at 20 °C) Heat Dissipation 45 W at 50/60 Hz Operating Time 419 ms opening 1226 ms closing Maximum Operating Rate 3600 cyc/h 60 °C Connections - Terminals Control circuit: screw clamp terminals 2 12.5 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 2 125 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 1 135 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 2 125 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Tightening Torque Control circuit: 1.7 N.m - on screw clamp terminals - with screwdriver flat Ø 6 mm Control circuit: 1.7 N.m - on screw clamp terminals - with screwdriver Philips No 2 Power circuit: 2.5 N.m - on screw clamp terminals - with screwdriver Philips No 2 Power circuit: 2.5 N.m - on screw clamp terminals - with screwdriver pozidriv No 2 Power circuit: 2.5 N.m - on screw clamp terminals - with screwdriver pozidriv No 2 Power circuit: 2.5 N.m - on screw clamp ter	Inrush Power In Va	,
Operating Time 419 ms opening 1226 ms closing Maximum Operating Rate 3600 cyc/h 60 °C Connections - Terminals Control circuit: screw clamp terminals 2 12.5 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 2 125 mm³ - cable stiffness: flexible without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: flexible without cable end Power circuit: screw connection 2 125 mm³ - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm³ - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: Srew connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: Srew connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: Srew connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: Srew connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: Srew connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: Srew connection 2 125 m² - cable stiffn	Hold-In Power Consumption In Va	
1226 ms closing Maximum Operating Rate 3600 cyc/h 60 °C Connections - Terminals Control circuit: screw clamp terminals 2 12.5 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 2 125 mm² - cable stiffness: flexible without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 2 125 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without ca	Heat Dissipation	45 W at 50/60 Hz
Connections - Terminals Control circuit: screw clamp terminals 2 12.5 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 2 125 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 1 135 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end	Operating Time	
cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 1 14 mm² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 14 mm² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: flexible without cable end Power circuit: screw connection 1 135 mm² - cable stiffness: flexible without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: flexible with cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm² - cable stiffness: solid without cable end Tightening Torque Control circuit: 1.7 N.m - on screw clamp terminals - with screwdriver flat Ø 6 mm Control circuit: 8 N.m - on screw clamp terminals - with screwdriver Philips No 2 Power circuit: 8 N.m - on screw clamp terminals - cable 125 mm² hexagonal screw head 4 mm Control circuit: 1.7 N.m - on screw clamp terminals - with screwdriver poz	Maximum Operating Rate	3600 cyc/h 60 °C
Control circuit: 1.7 N.m - on screw clamp terminals - with screwdriver pozidriv No 2 Power circuit: 2.5 N.m - on screw clamp terminals - with screwdriver pozidriv No 2 Auxiliary Contact Composition 1 NO + 1 NC Auxiliary Contacts Type type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1		cable end Control circuit: screw clamp terminals 1 14 mm ² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 2 14 mm ² - cable stiffness: flexible without cable end Control circuit: screw clamp terminals 1 14 mm ² - cable stiffness: flexible with cable end Control circuit: screw clamp terminals 1 14 mm ² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 14 mm ² - cable stiffness: solid without cable end Control circuit: screw clamp terminals 2 14 mm ² - cable stiffness: solid without cable end Power circuit: screw connection 1 135 mm ² - cable stiffness: flexible without cable end Power circuit: screw connection 2 125 mm ² - cable stiffness: flexible without cable end Power circuit: screw connection 1 135 mm ² - cable stiffness: flexible with cable end Power circuit: screw connection 1 135 mm ² - cable stiffness: flexible with cable end Power circuit: screw connection 1 135 mm ² - cable stiffness: flexible with cable end Power circuit: screw connection 2 125 mm ² - cable stiffness: solid without cable end Power circuit: screw connection 2 125 mm ² - cable stiffness: solid without cable end Power circuit: 1.7 N.m - on screw clamp terminals - with screwdriver flat Ø 6 mm Control circuit: 1.7 N.m - on screw clamp terminals - with screwdriver Philips No 2 Power circuit: 8 N.m - on screw clamp terminals - cable 2535 mm ² hexagonal screw head 4 mm
Auxiliary Contacts Type type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1		Control circuit: 1.7 N.m - on screw clamp terminals - with screwdriver pozidriv No 2 Power circuit: 2.5 N.m - on screw clamp terminals - with screwdriver pozidriv No 2

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 508 IEC 60335-1
Product Certifications	RINA CSA LROS (Lloyds register of shipping) CCC DNV UL GOST GL BV
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 Temperature Around The Device	-4060 °C 6070 °C with derating
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 closed (15 Gn for 11 ms) Shocks contactor open (10 Gn for 11 ms)
Height	122 mm
Width	70 mm
Depth	120 mm
Net Weight	1.15 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.9 cm
Package 1 Width	13.8 cm
Package 1 Length	15.3 cm
Package 1 Weight	1.089 kg

Unit Type Of Package 2	S02
Number Of Units In Package 2	7
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	8.078 kg

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM 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-CO₂ 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 >



Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc
Toxic Heavy Metal Free
Mercury Free
Rohs Exemption Information Yes
Pvc Free

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
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