

LB DT 15-21D

Bergamo, March 31st 2021

To whom it may concern

According to our current best knowledge and according to information received from suppliers, ABB SACE provides following information concerning presence above threshold level of substances listed in table below for Tmax, Tmax XT, Emax and Emax 2 circuit breakers.

Substance		Threshold level	Present above threshold level? Yes / No
Asbestos		No threshold level	No
Polychlorinated biphenyls (PCBs)		No threshold level	No
Ozone depleting substances	Chlorofluorocarbons (CFCs)	No threshold level	No
	Halons		No
	Other fully halogenated CFCs		No
	Carbon Tetrachloride		No
	1,1,1-Trichloroethane (Methyl chloroform)		No
	Hydrochlorofluorocarbons		No
	Hydrobromofluorocarbons		No
	Methyl Bromide		No
	Bromochloromethane		No
Anti-fouling systems containing organotin compounds as a biocide		2,500 mg total tin/kg	No
Cadmium and Cadmium Compounds		100 mg/kg	No
Hexavalent Chromium and Hexavalent Chromium Compounds		1,000 mg/kg	No
Lead and Lead Compounds		1,000 mg/kg	Yes *
Mercury and Mercury Compounds		1,000 mg/kg	No
Polybrominated Biphenyl (PBBs)		1,000 mg/kg	No

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€ 110.000.000 i.v. / fully paid up
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Codice Fiscale / Fiscal Code:
00736410150
Registro delle Imprese di Milano /
Official Company Book: 00736410150
R.E.A. Milano: 1513225

Polybrominated Diphenyl Ethers (PBDEs)	1,000 mg/kg	No
Polychlorinated Naphthalenes (more than 3 chlorine atoms, Cl \geq 3)	No threshold level	No
Radioactive substances	No threshold level	No
Certain shortchain chlorinated paraffins (Alkanes, C10-C13, chloro)	1%	No
Perfluorooctane sulfonic acid (PFOS)	10 mg/kg	No
Brominated Flame Retardant (HBCDD)	100 mg/kg	No

* Lead is present in a concentration above threshold level mainly in some electronic components and in some parts constituting electrical accessories; all applications are covered by RoHS exemptions.

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