

EU REACH Disclosure:

219 Substances of Very High Concern Considered



Excelsys CS1000
CS10S & CS10M DC Power Supply
100 - 240 VAC universal input
24 VDC or 48 VDC output, 1000 Watt maximum
Fanless, High Efficiency, Single Output, Aux Output

Issued: October 11, 2021

REACH: Registration, Evaluation, Authorization and Restriction of Chemicals
 Regulation (EC) No. 1907/2006

REACH is the European Union's chemical substances regulatory framework.

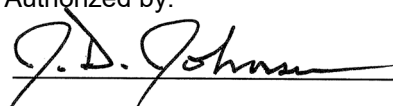
Excelsys Technologies, an Advanced Energy company, does not produce chemical substances or mixtures but does manufacture electrical and electronic equipment that might contain REACH substances in component parts of the final product.

Article 33 of REACH requires manufacturers to inform customers of Substances of Very High Concern (SVHCs) when contained in component parts of their product at concentrations above 0.1% by weight. The REACH Candidate List of SVHCs is published online by the European Chemical Agency (ECHA). Sufficient SVHC information must be provided to the customer to allow for safe use.

Based on information from component part manufacturers, suppliers, third-party databases, and review of each individual component part within this product, Excelsys, an Advanced Energy company discloses the following:

Products listed contain at least one SVHC in REACH Candidate List above concentration of 0.1%:

SVHC Name	CAS Number	Location & Safe Use
Lead	7439-92-1	SVHCs listed are in various electronic components of this product and DO NOT present hazards to humans or the environment under normal handling and use. Do not cut open or crush components.
Lead Monoxide (Lead Oxide)	1317-36-8	
4,4'-isopropylidenediphenol (BPA, Bisphenol A)	80-05-7	

REACH review of product conducted under the following conditions:	European Chemicals Agency (ECHA) SVHC candidate list:	July 8, 2021 publication date:	219 SVHCs
Authorized by:	Type of product manufactured, per REACH definition:	Complex article assembled from many component articles, electrical & electronic equipment	
 J.D. Johnson Environmental Compliance Manager	Subject to REACH Article 7, ECHA registration ?:	No, substances in articles < 1 tonne per year No, substances not intended to be released	
	SVHC concentration of > 0.1%, calculation method:	SVHC weight divided by weight of part containing SVHC, per European Court of Justice ruling	

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Product Declared Compliant: CoolS Power Supply

CoolS configured power supply part numbering system:

Part Number = CS10a-bc-d-e-f-j-k CS = all CoolS part numbers start with 'CS'

a = S or M S = Standard ITE/Industrial product
M = Medical product

b = 24 or 48 24 = 24 Volt DC Output
48 = 48 Volt DC Output

c = A - Z N = Nominal
P = Preset
X = Internal use only

d = '-' or A - Z '-' = Standard, no conformal coating
S = Conformal Coated

e = 0, 1, or A - Z 0 = Screw Terminal
1 = IEC Terminal
A - Z = Other connector options

f = "-", or 1 - 9 '-' = Standard Model
4 = Low Leakage

g = A - Z A = 12V Aux output (standard)
B = 5V Aux output

h = '-' or A - Z '-' or not used = Standard Model
A - Z = software Variant

j = '-' or A - Z '-' or not used = Standard Model
L = Lid

k = A - Z Logistics Use Only