

Environmental declaration: csNET System™

1. Product information

Product

Product name:	Caleidoscope csNET™ system
Reference number:	FP-100-81
Product description:	csNET 5-pole quick connection system for lighting installations
Date:	2023.09.13

Manufacturer

Manufacturer:	Caleidoscope Systems AB
Address:	Östra Sandgatan 14, 252 27 Helsingborg
E-mail:	marcus@caleidoscope.se
Mobile:	+46702804088

2. Content report:

Table 1. Contents of constituent substances and materials for csNET cable 1-10m 5x2.5mm² F/M Halogen Free

Type of material	EG-nr/ CAS-nr	Weight-% (of the whole item)	When applicable, indicate in which sub-component	Weight% (of substance in subcomponent)	Remarks
Female connector:					
1. Buckle for female connector	CAS No.25037-45-0	0,03			PC
2. csNET Female connector top part	CAS No.25037-45-0	0,28			PC
3. csNET Female connector	CAS No.32131-17-2	0,26			PA66
4. Wire holder (4 pcs)	CAS No.12597-71-6	0,31			Brass nickel plated MWE BRN 3 02 12
5. csNET Female connector bottom part	CAS No.25037-45-0	0,28			PC
6. Screws M3*5 (2pcs)	CAS No.12597-68-1	0,03			MWE SS 3 02 05
Power cable H05Z1Z1-F 5G 2.5mm²:					
7. Polymer	CAS No.24937-78-8	28,78			
8. Stabilizer	CAS No. 1592-23-0	0,96			Calcium stearate
9. Titanium dioxide	CAS No. 1317-80-2	0,22			
10. Aluminum hydroxide	CAS No.21645-51-2	4,24			
11. Magnesium hydroxide	CAS No.1309-42-8	4,16			
12. Talc	CAS No. 14807-96-6	16,91			
13. Copper	CAS No. 7440-50-8	42,38			Bar red copper
Male connector:					

14. csNET male connector top part	CAS No.25037-45-0	0,28			PC
15. csNET Male connector	CAS No.32131-17-2	0,26			PA66
16. Wire holder (4pcs)	CAS No.12597-71-6	0,31			Brass nickel plated MWE BRN 3 02 12
17. csNET male connector bottom part	CAS No.25037-45-0	0,28			PC
18. Screws M3*5 (2pcs)	CAS No.12597-68-1	0,03			Stainless steel MWE SS 3 02 05

Table 2. Contents of constituent substances and materials for csNET 4-WAY EU socket 1.0-6.0 m x 5x 2.5 mm² HF with two quick connectors (female and male)

Type of material	EG-nr/ CAS-nr	Weight-% (of the whole item)	When applicable, indicate in which sub-component	Weight% (of substance in subcomponent)	Remarks
1. Socket mounting plug part 1 (2pcs)	CAS No.25037-45-0	0,15			PC
2. Socket mounting plug part 2 (2pcs)	CAS No.25037-45-0	0,2			PC
3. Socket box bottom part	CAS No.25037-45-0	10,57			PC
4. EU L/N conductor	CAS No.12597-71-6	2,55			Brass MWE BR 3 02 11
5. EU L/N connector (8pcs)	CAS No.7440-50-8	1,88			Phosphor/copper
6. EU earth conductor	CAS No.12597-71-6	1,27			Brass MWE BR 3 02 11
7. EU inner plastic bottom part	CAS No.25037-45-0	2,74			PC
10. EU shutter (4pcs)	CAS No.25037-45-0	0,12			PC
11. EU inner plastic top part	CAS No.25037-45-0	1,96			PC
12. Cable clamp (2pcs)	CAS No.25037-45-0	0,39			PC
13. EU socket box top part	CAS No.25037-45-0	12,63			PC
14. Screw hole cover (4pcs)	CAS No.25037-45-0	0,15			PC
15. Screw M4*15 (4pcs)	CAS No.7439-89-6	0,70			Steel, nickel plated MWE SS 3 02 04
16. Rivet $\phi 3 \times 7$ (12pcs)	CAS No.12597-71-6	0,38			Brass MWE BR 3 02 11
17. EU copper tube for rivet $\phi 6 \times \phi 3.3$ (hole) *H3. 5	CAS No.12597-71-6	0,36			Brass MWE BR 3 02 11
18. Screw M3*6 (3pcs)	CAS No.7439-89-6	0,12			Steel, nickel plated MWE SS 3 02 04
19. Screw M4*8 (10pcs)	CAS No.7439-89-6	0,78			Steel, nickel plated MWE SS 3 02 04
10. EU shutter (4pcs)	CAS No.25037-45-0	0,12			PC
11. EU inner plastic top part	CAS No.25037-45-0	1,96			PC
12. Cable clamp (2pcs)	CAS No.25037-45-0	0,39			PC
13. EU socket box top part	CAS No.25037-45-0	12,63			PC
20. EU spring $\phi 4 \times \phi 0.5 \times 17$ (8pcs)	CAS No.7439-89-6	0,18			Stainless steel MWE SS 3 02 05
21. Screw M4*12 (10pcs)	CAS No.7439-89-6	1,17			Steel, nickel plated MWE SS 3 02 04
22. Silicon gasket $\phi 30 \times 21.5$ (2pcs)	CAS No.112926-00-8	0,78			Silicon
23. Power cable H05Z1Z1-F 5G 2.5mm ²					
- Cable	CAS No. 24937-78-8	30,55			AGC10673201201-001

- Conductor	CAS No.7440-50-8	23,1			Bar red copper
24. Screw M3*8 (4pcs)	CAS No.12597-68-1	0,16			Stainless steel MWE SS 3 02 05
25. Wire holder (10pcs)	CAS No.12597-71-6	1,66			Brass MWE BR 3 02 12
26. Connector top part					
- Female	CAS No.25037-45-0	0,74			PC
- Male	CAS No.25037-45-0	0,74			PC
27. csNET male connector	CAS No.32131-17-2	0,69			PA66
28. Screw M3*5 (10pcs)	CAS No.7439-89-6	0,29			Stainless steel MWE SS 3 02 05
29. Connector bottom part					
- Female	CAS No.25037-45-0	0,73			PC
- Male	CAS No.25037-45-0	0,69			PC
30. Buckle for female connector	CAS No.25037-45-0	0,08			PC
31. csNET female connector	CAS No.32131-17-2	0,69			PA66

3. Recycled raw materials

Is recycled material included in the product?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
---	------------------------------	--

4. Packaging management for product distribution

Describe packaging management for distribution of the product <i>Indicate which packaging material and which system for producer responsibility for packaging that supplier is connected to.</i>	Description of packaging: Corrugated cardboard Member of REPA for recycling of packaging
---	---

5. Construction and use phase

Does the product have special requirements for storage?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> No
Does the product place special demands on surrounding construction products?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are there care instructions / care instructions for the product?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

6. Waste management


Does the product require special measures for the protection of health and the environment during demolition / disassembly?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
---	------------------------------	--

Is reuse possible for all or parts of the product (can the product be reused within the product's expected life)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>The system can be easily disassembled and mounted in a new project. Life expectancy is more than 20 years.</i>		
Is material recycling possible for all or parts of the product when it becomes waste?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<i>All plastic and metal parts can be recycled as scrap and used for new metal</i>		

7. Indoor environment

Does the product have a critical moisture condition: Information about the material / product has a critical moisture condition for microbial growth must be stated for information.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
---	------------------------------	--

It is hereby certified that the above information is correct.

Responsible informant:	<i>Marcus Isaksson</i>
Signature responsible informant:	
Place and date:	Helsingborg 2023.09.13