



CPS22 Ring Illumination

SCHURTER part numbers 3-101-404 / 3-101-405 / 3-101-429 / 3-101-430 / 3-101-431


Type	CPS	
Product group	Capacitive switch	
Business unit	Switches	

Composition part	Material group	Materials	CAS if applicable	Average mass [weight-%]	Sum [%]	Traces
Plastic parts	Thermoplastic	Polyamide 66	PA66	32131-17-2	5.65	29.75
		Polycarbonate	PC	25766-59-0	3.3	
		Polyethylene terephthalate	PET	25038-59-9	0.15	
		Polymethyl methacrylate	PMMA	9011-14-7	4.95	
		Polyurethane	PUR	68400-67-9	15.7	
	Elastomer	Nitrile butadiene rubber	NBR	9003-18-3	0.25	0.25
Metal parts		Carbon	C	7440-44-0	0.05	66.8
		Copper	Cu	7440-50-8	0.8	
		Chromium	Cr	7440-47-3	12.0	
		Iron	Fe	7439-89-6	45.8	
		Nickel	Ni	7440-02-0	6.0	
		Silicon	Si	7440-21-3	0.65	
		Manganese	Mn	7439-96-5	1.35	
		Sulfur	S	7704-34-9	0.15	
Other parts		FR4	n.a.	3.2	3.2	
Sum in total:					100	

Weight range	ca. 27.40g
Fluctuation margin	n/a

Part complies with EU RoHS directive: Yes	
Part complies with China RoHS directive: Yes	
Part complies with IEC definition of halogen free products: No	

Company	SCHURTER AG	Important remarks: 1) Traces are product parts, substances etc. that are below a percentage of 0.1 % (1000ppm) by weight. Higher limits are accepted if the substance or material is legally regulated (see note no. 2). 2) REACH legislation, annex XVII contains a list of legal restrictions on substances or materials and is available at http://echa.europa.eu/candidate-list-table 3) Substances, materials etc. with possible harmful effects on human beings and the environment are listed. 4) There are no risks for human beings and to the environment if products are properly used as designated. This shall not apply to risks caused during procedures for disposal etc. 5) All statements herein are based on our present knowledge. If our products are used properly, there are no risks to human beings and/or the environment.
Address	Werkhofstrasse 8-12 CH-6002 Luzern, Switzerland	
E-mail	substances@schurter.ch	
Internet	www.schurter.com	
Certified Management Systems	ISO 9001 since 1990 ISO 14001 since 1996 OHSAS 18001 since 2005 ISO 50001 since 2014	

	This Product Content Sheet has been established according to Umbrella Specs, an initiative of the German Electrical and Electronic Manufacturer's Association (ZVEI). Reference: http://www.zvei.org/fachverbaende/electronic_components_and_systems/material_content_data
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Substance Declaration					PCS for CPS 22		
owner	creation date	release date	released by	change order no	rev	page	D10-015-660
ammansa	2017-05-05	2017-05-24	oberhoma	CO-003678	A	1 of 2	



CPS22 Surface Illumination

SCHURTER part numbers 3-101-424 / 3-101-425 / 3-101-426 / 3-101-427 / 3-101-428


Type	CPS	
Product group	Capacitive switch	
Business unit	Switches	

Composition part	Material group	Materials	CAS if applicable	Average mass [weight-%]	Sum [%]	Traces
Plastic parts	Thermoplastic	Polyamide 66	PA66	32131-17-2	5.8	29.8
		Polycarbonate	PC	25766-59-0	3.4	
		Polyethylene terephthalate	PET	25038-59-9	0.15	
		Polymethyl methacrylate	PMMA	9011-14-7	4.35	
		Polyurethane	PUR	68400-67-9	16.1	
	Elastomer	Nitrile butadiene rubber	NBR	9003-18-3	0.25	0.25
Metal parts		Carbon	C	7440-44-0	0.05	65.45
		Copper	Cu	7440-50-8	0.75	
		Chromium	Cr	7440-47-3	11.8	
		Iron	Fe	7439-89-6	44.85	
		Nickel	Ni	7440-02-0	5.9	
		Silicon	Si	7440-21-3	0.65	
		Manganese	Mn	7439-96-5	1.3	
		Sulfur	S	7704-34-9	0.15	
Other parts		ZrO ₂		1314-23-4	1.2	4.5
		FR4		n.a.	3.3	
Sum in total:					100	

Weight range	ca. 26.70g
Fluctuation margin	n/a

Part complies with EU RoHS directive: Yes	
Part complies with China RoHS directive: Yes	
Part complies with IEC definition of halogen free products: No	

Company	SCHURTER AG	Important remarks:
Address	Werkhofstrasse 8-12 CH-6002 Luzern, Switzerland	
E-mail	substances@schurter.ch	
Internet	www.schurter.com	
Certified Management Systems	ISO 9001 since 1990 ISO 14001 since 1996 OHSAS 18001 since 2005 ISO 50001 since 2014	6) Traces are product parts, substances etc. that are below a percentage of 0.1 % (1000ppm) by weight. Higher limits are accepted if the substance or material is legally regulated (see note no. 2). 7) REACH legislation, annex XVII contains a list of legal restrictions on substances or materials and is available at http://echa.europa.eu/candidate-list-table 8) Substances, materials etc. with possible harmful effects on human beings and the environment are listed. 9) There are no risks for human beings and to the environment if products are properly used as designated. This shall not apply to risks caused during procedures for disposal etc. 10) All statements herein are based on our present knowledge. If our products are used properly, there are no risks to human beings and/or the environment.

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