

List of important properties, fire protection

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90766 Fürth

Name: Dvorak, Peter
Department: DF FA APS IF PLM-4
Date: 18.12.2018

Device Component: - SIPLUS ET 200SP CPU 1510SP-1 PN RAIL
- SIPLUS ET 200SP CPU 1512SP-1 PN RAIL

Order Nr. 6AG2510-1IDJ01-4AB0
6AG2512-1IDK01-4AB0

CPU 1510SP-1 PN



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SIPLUS ET 200SP CPU 1510SP-1 PN RAIL / 1512SP-1 PN RAIL

DIN EN 45545-2: 2016-02									
Plastic Parts	Plastic-Material chemical abbreviated term	Weight (g)	UL94 Rating	Certified flammable material NF F16-101/102	Calorific value all plastic parts of the device, fire load (MJ)	Yellow Card	Oxygen Index (OI) EN ISO 4589-2	Smoke density Ds max EN ISO 5659-2 25kWm ²	Smoke toxicity CITNLP (incl. NOx) NF X 70-100-1&2 600°C
PCB Logic1	FR4	45,6	V0	-	0,488	y	59,6	-	-
PCB Logic2	FR4	26,4	V0	-	0,282	y	59,6	-	-
PCB PS2	FR4	38,4	V0	-	0,411	y	59,6	-	-
PCB PS1	FR4	5,4	V0	-	0,058	y	59,6	-	-
Bottom Housing	PC-GF10	35,1	V0	-	0,979	y	35	-	-
Crossbar	PC-GF10	7,2	V0	-	0,201	y	35	-	-
Front Hood	PC-GF10	69,3	V0	-	1,933	y	35	-	-
Light Guide 3x	PC	0,5*	HB	-	0,016	y	25	-	-
Light Guide IM-PN	PC	0,5*	HB	-	0,016	y	25	-	-
Light Guide 1x	PC	0,15*	HB	-	0,005	y	25	-	-
Housing Light G.	PC-GF 10	0,9*	HB	-	0,025	y	35	-	-
Cover Light G.	PC-GF 10	0,9*	HB	-	0,025	y	35	-	-

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Terminal Block	PA	4	V0	-	0,128	n	-	-
BA-Slot Cover	PC-GF 10	2,25	V0	-	0,063	y	-	-
Gapfiller	-	41	V0	-	1,230	n	35	-
Memory Card	PC/ABS	3*	HB	-	0,090	n	-	-
Cover PN-Ports	EPTR	6*	HB	-	0,180	y	-	-
Thin-Film Coating	PUR	5	V0	-	0,150	y	-	-
Thick-Film Coating	PUR	5*	-	-	0,150	n	-	-
Kapton Foil	PI	0,5*	-	-	0,015	n	-	-

* = DIN EN 45445-2:2016-02 No requirements apply to plastic parts with a mass of all unclassified plastic parts < 10 g.

The product complies, with the classification as a small electronic component (EL10), the requirements for the fire behavior of materials and components in accordance with the DIN EN 45545.

The individual components may be grouped without any restriction.

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