

Material Confirmation

in accordance with EN 45545-2:2020

Device

Item Number	Revision	HW Rev.	Item Type
816018	01	B	OT-6018 FK DC 24/36V 20A

Producer: Friedrich Lütze GmbH
Bruckwiesenstraße 17-19
71384 Weinstadt / Germany

Date: 06.02.2023

Editor: Bernhard Huber

Remark:

Description:

total flammable mass ca. 43,3 gr. (rule 1 total flammable mass < 100 gr. at inner area)

Performance Category/s: NO (no certification required according to chapter 4.3.2 rule 1)

Component: EL9 / EL10

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material confirmation for electrical equipment on railway vehicles



Producer:
Friedrich Lütze GmbH
Bruckwiesenstraße 17-19
71384 Weinstadt / Germany

Device: Solid State Relay
Item Type: OT-6018 FK DC 24/36V 20A
Item No.: 816018

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all values apply to one quantity unit																		
material no.	description	quantity	weight [g]	total flammable mass [g]	heat value [MJ]	material	flammable mass [g]	total flammable mass [g]	specific heat value [MJ/kg]	flame class UL94 (EN 60695-11-10)	oxygen index EN ISO 4589-2 OI [%]	optical density EN ISO 5659-2 [Ds]	glowing wire test EN 60695-2-11 [°C]	gas analysis NF X70-100-1/-2 [CIT]	smoke index N FF 16-101	combustion behaviour N FF 16-101	performance category EN 45545-2	hazard level EN 45545-2
905340	SPRING CLAMP TERMINAL 3-POLE	1	26,8	16,3	0,489	PA 6.6	16,3	16,3	30	V-0			850				R26	HL1-3
																	R25	HL1-3
984129	SPRING CLAMP TERMINAL 10-POLE	1	8,912	4,188	0,126	PA 6.6	4,188	4,188	30	V-0					F2	I2	R26	HL1-3
985432	LIGHT CONDUCTOR 1-FOLD 15MM	2	0,28	0,28	0,008	Makrolon 2205	0,28	0,56	29,7	HB	27		850				R25	HL1-3
990966.0001	PRINTED CIRCUIT BOARD	1	22,25	22,25	0,245	FR4 Rail	22,252	22,252	11	V-0	40,4	292	850	0,2	F2	I2	R26	HL1-3
																	R25	HL1-3
																	R24	HL1-3
																	R23	HL1-3
																	R22	HL1-2