

# Product Innovations Interface

## Fire protection on rail vehicles

MICROCOMPACT-housings comply with current fire protection regulations



- The standards are currently in movement throughout Europe
  - The standards landscape is currently being shaped by standards and requirements from national regulatory authorities (e.g. EBA) and operators (DB, SNCF etc.).
    - Germany: DIN 5510-2 [2009] .
    - France / Belgium / Spain / Portugal: NFF 16 101/102/103
    - Italy: UNI CEI 11170-1/2/3
    - Great Britain: BS6853
    - .....
  - A medium-term replacement by a European regulatory policy is planned:
    - *prEN 45545-2*
- For this reason, Lütze is concentrating on the most important standards and the standards expected in the future at European level:

**DIN 5510-2**

**NF F 16 101/102**

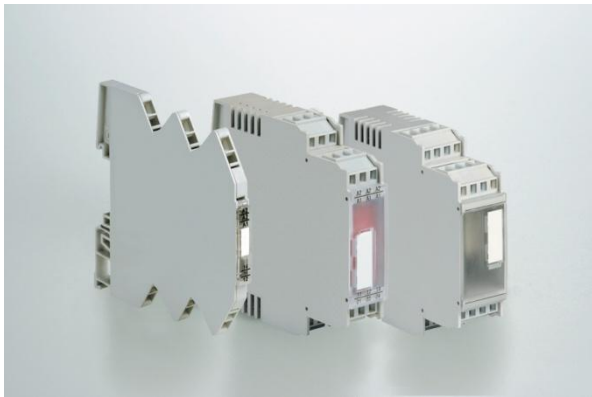
***prEN 45545-2***



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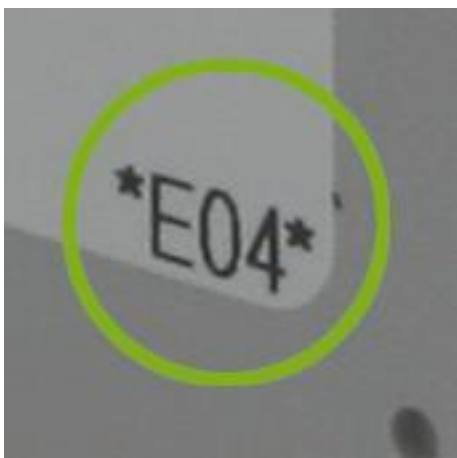


- Our housing family MICROCOMPACT is obtainable in widths ranging from 6.2 mm to 22.5 mm
- The following standards from the current and future fire protection regulations are met:
  - Fire class according to UL94: V-0
  - Oxygen index LOI > 30%
  - Smoke figure according to NF F 16-101: F2
  - Fire behaviour according to NF F 16-101: I2 or M1
- You can get more information on the current status of the changeover on the following pages
- We will be delighted to provide you with a fire load confirmation for your product on request



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Item No.	Type	Housing width	New housing as of product state
750850	WNTA 6-0850	17,5mm	
750851	WNTA 6-0851	17,5mm	
750854	WAA 6-0854	17,5mm	*E01*
750902	WAA 6-0902	17,5mm	*E01*
750905	WAA 6-0905	17,5mm	*E01*
751919	WAA 6-1919	17,5mm	
751920	WAA 7-1920	6,2mm	*E00*
751921	WAA 6-1921	17,5mm	*E00*
762002	RE 6-2002	17,5mm	*E05*
762003	D 6-2003	12,5mm	*E01*
762011	R 6-2011	12,5mm	*E02*
762012	RE 6-2012	17,5mm	*E04*
762017	R 6-2017	12,5mm	*E02*
762018	RE 6-2018	17,5mm	*E03*
762019	D 6-2019	12,5mm	*E02*
762020	R 6-2020	12,5mm	*E02*
762021	R 6-2021	12,5mm	*E02*
762023	R 6-2023	12,5mm	*E01*
762028	LAV 6-2028	12,5mm	
762029	TR 6-2029	22,5mm	*E03*
762043	D 6-2043	17,5mm	*E02*
762044	D 6-2044	17,5mm	*E02*



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762046	LEW 6-2046	12,5mm	
762052	D 6-2052	17,5mm	
762059	SRE 6-2059	17,5mm	*E01*
762068	D 7-2068	6,2mm	*E02*
762075	HLD 6-2075	22,5mm	
762076	HLD 6-2076	12,5mm	*E02*
762077	RE 7-2077	6,2mm	
762078	RE 7-2078	6,2mm	
762079	R 6-2079	12,5mm	*E02*
762085	R 6-2085	12,5mm	*E02*
762087	SRE 6-2087	17,5mm	*E01*
762088	TR 6-2088	22,5mm	
762089	RE 6-2089	22,5mm	*E02*
762090	RE 6-2090	22,5mm	
762095	RE 6-2095	22,5mm	*E01*
762099	RE 6-2099	17,5mm	*E01*
762100	ZR 6-2100	22,5mm	*E06*
762101	ZR 6-2101	22,5mm	*E06*
762113	OT 7-2113	6,2mm	*E01*
762114	OT 7-2114	6,2mm	*E01*
762115	VG 6-2115	22,5mm	*E06*
762118	OT 7-2118	6,2mm	*E01*

