

**We** MERSEN FRANCE SB  
15, Rue Jacques de Vaucanson 69720 SAINT BONNET DE MURE FRANCE

**Certify that products with the registered trade mark Mersen**

**Product type** High-Speed and Semiconductor protection fuses  
Square Body High-Speed Fuse-Links AC Protection

**Model Series Line** Protistor® size 33 aR, 450 to 690VAC (IEC) / 700VAC (UL)

**References** please refer to page 2 for catalog number

**comply with the EU RoHS (Restriction of Hazardous Substances) Directives:**

*RoHS directive N° 2011/65/UE*

*RoHS directive N° 2015/863*

[https://ec.europa.eu/environment/waste/rohs\\_eee/index\\_en.htm](https://ec.europa.eu/environment/waste/rohs_eee/index_en.htm)

and declare that the materials and the processes used to manufacture the above-mentioned parts do not contain any of the restricted substances beyond their specified limit at homogeneous material level as mentioned in the table:

Sl. No.	RoHS Restricted Substances	Max. Concentration
1.	Cadmium	0.01%
2.	Mercury	0.1%
3.	Lead	0.1%
4.	Chromium VI	0.1%
5.	Polybrominated biphenyls (PBB)	0.1%
6.	Polybrominated diphenyl ethers (PBDE)	0.1%
7.	Bis(2-ethylhexyl) phthalate (DEHP)	0.1%
8.	Butyl benzyl phthalate (BBP)	0.1%
9.	Dibutyl phthalate (DBP)	0.1%
10.	Di-isobutyl phthalate (DIBP)	0.1%

**Any exemptions are listed below and exemption validity dates are monitored by Mersen.**

The information provided is based upon data obtained from ongoing due diligence concerning goods and materials provided by our suppliers. Mersen reserves the right to update and modify this communication, as it believes necessary or appropriate.

**Date / Location :** 16.04.2026 / Saint Bonnet de Mure

**Name :** Pierre LAVAUD

**Position / Signature :**  
Head of R&D department  
For the president and by delegation *Pierre Lavaud*

## Catalog number list

Catalog number	Item number	ROHS exemption
PC33UD69V10CD1A	Z300264	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V11CD1A	A300265	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V450D1A	V302169	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V500D1A	S300258	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V550D1A	T300259	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V630D1A	V300260	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V700D1A	W300261	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V800D1A	X300262	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V900D1A	Y300263	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD55V20CD1A	S1015765	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD60V15CD1A	H301974	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD60V16CD1A	Z301437	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V12CD1A	B300266	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact

		fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V14CD1A	C300267	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1000A	N300254	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1100A	P300255	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V450A	T302168	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V500A	G300248	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V550A	H300249	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V630A	J300250	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V700A	K300251	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V800A	L300252	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V900A	M300253	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD55V2000A	A302657	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD60V1500A	M235071	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD60V1600A	X301803	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)

PC33UD60V1800A	E301971	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1250A	Q300256	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1400A	R300257	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1000EF	F300224	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1100EF	G300225	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V500EF	Z300218	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V550EF	A300219	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V630EF	B300220	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V700EF	C300221	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V800EF	D300222	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V900EF	E300223	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1250EF	H300226	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1400EF	J300227	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33KI1000	C300244	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact

		fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33KI1100	D300245	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33KI500	W300238	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33KI550	X300239	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33KI630	Y300240	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33KI700	Z300241	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33KI800	A300242	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33KI900	B300243	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A065UD33KI1600	E302063	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33KI1250	E300246	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33KI1400	F300247	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33LI1000	R300234	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33LI450	Y302172	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33LI500	K300228	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)

A070UD33LI550	L300229	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33LI630	M300230	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33LI700	N300231	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33LI800	P300232	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33LI900	Q300233	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A060UD33LI1500	P300531	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A060UD33LI2000	J301078	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A065UD33LI1600	G301076	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A065UD33LI1800	H301077	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33LI1100	S300235	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33LI1250	T300236	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33LI1400	V300237	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD60V1600PA	W302722	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1250PA	V302721	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact

		fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1400PA	P1028044	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1000TF	B300082	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1100TF	C300083	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V450TF	W302170	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V500TF	V300076	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V550TF	W300077	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V630TF	X300078	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V700TF	Y300079	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V800TF	Z300080	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V900TF	A300081	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD45V2500TF	L300758	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD50V2250TF	K300757	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD55V2000TF	B300588	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)

PC33UD60V1500TF	Y300585	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD60V1600TF	Z300586	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD60V1800TF	A300587	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1250TF	D300084	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
PC33UD69V1400TF	E300085	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33TTI1000	C300451	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33TTI1100	D300452	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33TTI1450	X302171	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33TTI1500	X300446	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33TTI1550	Y300447	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33TTI1630	Z300448	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33TTI1700	A300449	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33TTI1800	T300443	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33TTI1900	B300450	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact

		fuse only) 7(a) - for lead alloys (High temperature solder)
A050UD33TTI2500	Y300838	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A055UD33TTI2250	W301089	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A060UD33TTI2000	V301088	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A065UD33TTI1500	F302064	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A065UD33TTI1600	S301086	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A065UD33TTI1800	T301087	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33TTI1250	E300453	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)
A070UD33TTI1400	F300454	6(b) - for aluminum alloys (signalization pin) 6(c) - for copper alloys (Brass for Flush end contact fuse only) 7(a) - for lead alloys (High temperature solder)