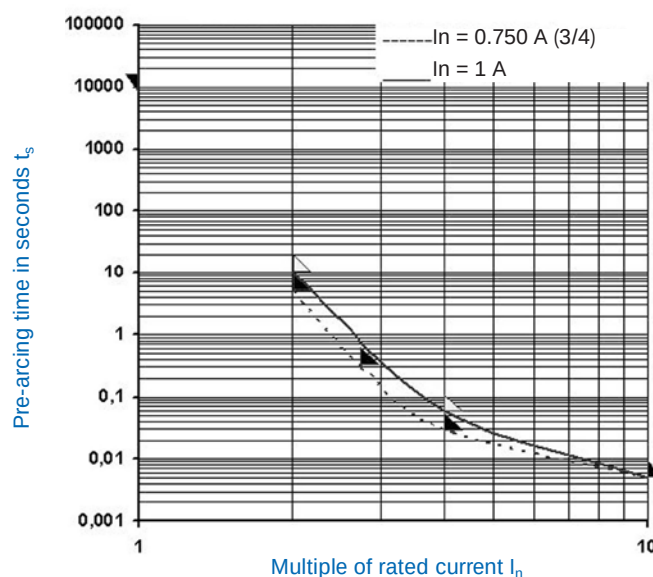
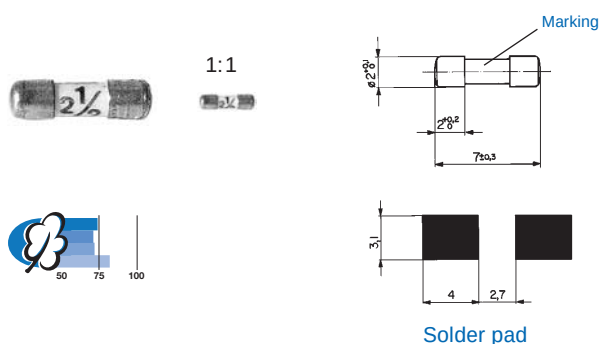


Surface Mount Fuses

Type 172876

quick-acting F

directly solderable on
printed circuit boards or
pluggable into surface
mount fuseholder



Standards

UL 248-14

Approvals



Pre-arcing time/current characteristic (at T_a 23 °C)

$n \cdot I_n$	$1 \cdot I_n$	$2 \cdot I_n$	$2,75 \cdot I_n$	$4 \cdot I_n$	$10 \cdot I_n$
Rated current I_n					
$< 750 \text{ mA}$	$t \geq 4 \text{ h}$	$t \leq 5 \text{ s}$	$t \leq 300 \text{ ms}$	$t \leq 30 \text{ ms}$	$t \leq 5 \text{ ms}$
$\geq 1 \text{ A}$	$t \geq 4 \text{ h}$	$t \leq 10 \text{ s}$		$t \leq 60 \text{ ms}$	$t \leq 5 \text{ ms}$

Order No.	Rated current I_n Rated voltage U_n	Breaking capacity	Voltage drop at I_n max. mV	Sustained power dissipation at $1 \cdot I_n$ max. mW	Pre-arcing I^2t at $10 \cdot I_n$ A^2s	Approvals
						UL CSA
7010.9750.XX	63 mA / 125 V	300 A / 125 V AC/DC $\cos \varphi = 1$ L/R = 1 ms	590	37	0,00022	
7010.9760.XX	125 mA / 125 V		640	80	0,0024	• •
7010.9770.XX	250 mA / 125 V		275	69	0,0061	• •
7010.9780.XX	375 mA / 125 V		215	81	0,012	• •
7010.9790.XX	500 mA / 125 V		205	103	0,046	• •
7010.9800.XX	750 mA / 125 V		190	143	0,09	• •
7010.9810.XX	1 A / 125 V		180	180	0,11	• •
7010.9820.XX	1,5 A / 125 V		185	278	0,25	• •
7010.9830.XX	2 A / 125 V		160	320	0,72	• •
7010.9840.XX	2,5 A / 125 V		160	400	0,91	• •
7010.9850.XX	3 A / 125 V	300 A / 65 V AC/DC $\cos \varphi = 1$ L/R = 1 ms	155	465	1,3	• •
7010.9860.XX	3,5 A / 125 V		145	510	1,7	• •
7010.9870.XX	4 A / 125 V		140	560	2,6	• •
7010.9880.XX	5 A / 125 V		125	625	4	• •
7010.9890.XX	7 A / 125 V		120	840	8,5	• •
7010.9892.XX	10 A / 65 V		110	1100	31	
7010.9894.XX	12 A / 65 V		115	1380	48	
7010.9896.XX	15 A / 65 V		105	1575	92	

.XX Packaging index

Additional technical data and packaging see page 54

Non resettable fuses

172876, MSB, MKF, MKT

Additional technical data

Ambient temperature max. T _a	– 55 °C ÷ + 85 °C
Solderability; Reflow-(infra-red and vapour phase) and wave soldering	235 °C / 2 sec. IEC 60068-2-58 / test Td
Soldering heat resistance	260 °C / 10 sec. IEC 60068-2-58 / test Td
Materials: Housing Terminals	Ceramics Brass, tin-plated
Net weight %	172876, MSB = 7 g for 100 pieces MKf, MKT = 14,5 g for 100 pieces

Packaging

Types 172876 and MSB

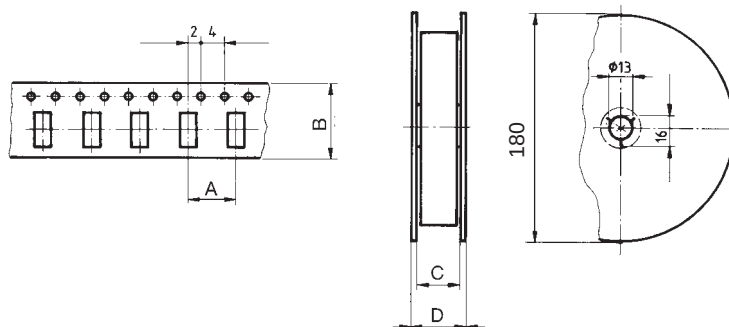
Tube or tape	
Tube of 100 pieces	7010.XXXX.63
Taped and reeled 1500 pieces	7010.XXXX.57
Taped and reeled 5000 pieces	7010.XXXX.59

Types MKF and MKT

Bag or tape	
Bag of 100 pieces	7010.XXXX.03
Taped and reeled 1500 pieces	7010.XXXX.57

Blistertape and reel

according to IEC 60286-3



Types	Dimensions in mm			
	A	B	C (max.)	D (max.)
172876	4	12	12,4	18,4
MSB				
MKF				
MKT				



Suitable surface mount fuseholder see page 177