

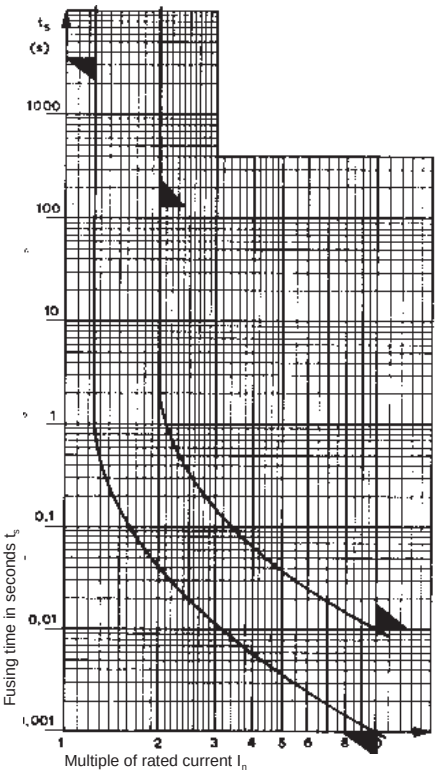
OMF/OMK 250V Quick-acting Surface Mount Fuse and Fuseholder



IEC 127-4/2; EN 60127-4/2
UL 248-14 (formerly 198G)
CSA C22.2 No. 248.14 (formerly 59.2M)

Approvals:

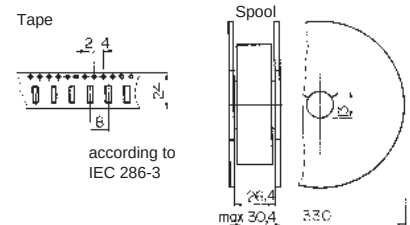
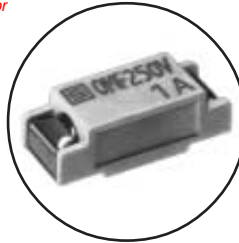
UL recognition 250mA-4A File #E41599
CSA certification 250mA-4A File #LR51172
VDE registration 250mA-4A* File #6079, expert report
* 250mA-4A using wave solder process
250mA-2.5A using reflow solder process



NEW

Surge tolerant version for telecom: see page 162

Enlargement



Time Current Characteristics

n • I_n		1.25 • I _n *	2 • I _n	10 • I _n
rated current I _n				
250mA - 4A	IEC / UL	> 1 h	< 120s	1 ms - 10 ms
	CSA	> 1 h	< 60s	1 ms - 10 ms

*non-fusing current I_{nf}

For OMF fuseholder technical data, see page 87

Technical Data

Rated voltage U_n	250 V AC
Rated current	see chart
Time current characteristic	quick-acting, see chart for values (low I^2t)
Marking	OMF 250, rated current, rated voltage, , UL
Breaking capacity	100 A / 250 V AC, p.f. = 1 100 A / 250 V DC
Max. storage temperature	40°C / 70% relative humidity
Ambient temperature max. T_{amb}	-40°C to +125°C
Vibration resistance	Frequency 10-2000 Hz, cross-over frequency 60 Hz, resp. acceleration 198 m/s ² according to IEC 68-2-6, Test Fc
Shock resistance	981 m/s ² , 6 ms, according to IEC 68-2-27
Climatic category	HPF according to DIN 40040
Solderability (reflow and wave soldering)	235°C / 2 sec. according to IEC 68-2-58 / Td
Soldering heat resistance	260°C / 10 sec. according to IEC 68-2-58 / Td
Material: Housing	temperature resistant plastic (UL 94V-0)
Terminals	brass, tin-plated
Net weight (per hundred)	OMF 35 g

Order Numbers	Rated Current / Voltage	Breaking Capacity	Volt. drop @ I_n	Power diss. @ I_n	Fusing I ² t at 4 • I_n		Order Numbers	Rated curr. / voltage	Breaking capacity	Voltage drop at I_n		Fusing I ² t at 4 • I_n		Packaging
					typical A2s	max. A2s				typical mV	max. mV	typical A2s	max. A2s	
Series OMF 250V	mA / A / V ~	A ~ ac / dc	max. mV	typical Watts			Series OMK 250V	mA / A / V ~	A ~ ac / dc					Order No. Suffix
3403.0010.XX	250 mA / 250V		800	0.109	0.009	0.063	3403.2010.XX	250 mA / 250V		800	0.109	0.009	0.063	OMF 250V packaged loose: .XX = .11
3403.0011.XX	315 mA / 250V		750	0.125	0.017	0.099	3403.2011.XX	315 mA / 250V		750	0.125	0.017	0.099	
3403.0012.XX	400 mA / 250V		700	0.19	0.02	0.16	3403.2012.XX	400 mA / 250V		700	0.19	0.02	0.16	
3403.0013.XX	500 mA / 250V		600	0.19	0.04	0.25	3403.2013.XX	500 mA / 250V		600	0.19	0.04	0.25	
3403.0014.XX	630 mA / 250V	100A / 250V AC	500	0.23	0.08	0.4	3403.2014.XX	630 mA / 250V		500	0.23	0.08	0.4	2,000 pieces taped & reeled: .XX = .24
3403.0015.XX	800 mA / 250V	p.f.=1	400	0.33	0.13	0.64	3403.2015.XX	800 mA / 250V		400	0.33	0.13	0.64	
3403.0016.XX	1 A / 250V		300	0.39	0.23	1	3403.2016.XX	1 A / 250V		300	0.39	0.23	1	
3403.0017.XX	1.25 A / 250V		300	0.39	0.47	1.53	3403.2017.XX	1.25 A / 250V		300	0.39	0.47	1.53	
3403.0018.XX	1.6 A / 250V	100A / 250V DC	300	0.49	0.84	2.56	3403.2018.XX	1.6 A / 250V	100A / 250V DC	300	0.49	0.84	2.56	OMK 250V packaged loose: .XX = .11
3403.0019.XX	2 A / 250V		300	0.6	1.4	4	3403.2019.XX	2 A / 250V		300	0.6	1.4	4	
3403.0020.XX	2.5 A / 250V		300	0.67	2.6	6.3	3403.2020.XX	2.5 A / 250V		300	0.67	2.6	6.3	
3403.0021.XX	3.15 A / 250V		300	0.87	4.3	9.9	3403.2021.XX	3.15 A / 250V		300	0.87	4.3	9.9	
3403.0022.XX	4 A / 250V		300	0.95	8.6	16	3403.2022.XX	4 A / 250V		300	0.95	8.6	16	750 pieces taped & reeled: .XX = .22