

Surface Mount Fuse for High Current Space Application, ESCC QPL Listed (pending)

new



63 VAC · 125 VDC · Quick-Acting F

Description

- ESCC QPL Listed, see www.escies.org (pending)
- Full data sheet available on request (pending)

Standards

- ESCC Generic Specification no. 4008
- ESCC Detail Specification no. 4008/xxx

Applications

- Protection of Payloads
- High Power Applications

Weblinks

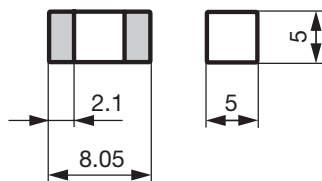
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

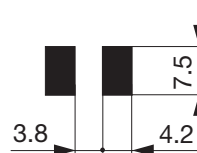
Rated Voltage	63VAC, 125VDC
Rated current	5 - 15 A
Breaking Capacity	200 A - 1000 A
Characteristic	Quick-Acting F
Mounting	PCB, SMT
Admissible Ambient Air Temp.	-50 °C to 125 °C
Climatic Category	55/150/21 acc. to IEC 60068-1
Material: Housing	Ceramic
Material: Terminals	Tin-Plated Copper Alloy (with lead)
Unit Weight	0.76 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	Variant Code, Approval

Soldering Methods	Reflow, Wave
Solderability	250 °C / 3 sec acc. to IEC 60068-2-58, Test Td
Resistance to Soldering Heat	260 °C / 10 sec acc. to IEC 60068-2-58, Test Td
Resistance to Cleaning Solvents	Cleaning with common Solvents

Dimension



Reflow soldering pads



Pre-Arcing Time

Rated Current In	1.25 x In min.	2.5 x In min.	2.5 x In max.	4 x In min.	4 x In max.	6 x In min.	6 x In max.	10 x In min.	10 x In max.
5 - 15 A	> 1 h	5 ms	5 s	1 ms	50 ms	0.2 ms	10 ms	0.1 ms	2 ms

Variants

Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1 In typ. [mV]	Cold Resistance typ. [mΩ]	Melting I ² t 10 In typ. [A ² s]	ESCC Component Number	Order Number
5	63	125	1)	86	–	1.9	4008xxxxx	3409.0007
6.3	63	125	1)	–	–	–	4008xxxxx	3409.0008
7.5	63	125	1)	92	–	4	4008xxxxx	3409.0009
8	63	125	1)	–	–	–	4008xxxxx	3409.0010
10	63	125	1)	90	–	12.7	4008xxxxx	3409.0011
12	63	125	1)	–	–	–	4008xxxxx	3409.0013
15	63	125	1)	86	–	31.3	4008xxxxx	3409.0015

Availability for all products can be searched real-time: <http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

1) 200 A @ 63 VAC, p.f. > 0.999 / 1000 A @ 125 VDC, L/R ≤ 1 ms

Packaging Unit Blister Tape on 18 cm Reel in ESD Plastic Bag