

Surface Mount Fuse, PPTC, 0603 to 2920 footprint, 6 - 60 VDC

new



6 - 60VDC · 0.05 - 5A

See below:

[Approvals and Compliances](#)

Description

- Standard SMD mils footprint
- Surface Mount packaging for automated assembly
- Compatible with Pb and Pb-free solder reflow profiles

Unique Selling Proposition

- Small size saves PCB space and reduces costs
- Wide selection offers design flexibility
- Suitable for high-volume electronics assembly
- Higher voltage rating enables new application uses

Applications

- Entertainment Equipment
- Automotive electronics
- Telecommunications
- Computer & Peripherals
- Industrial equipment
- Battery

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

V max	6 - 60VDC
I max	10 - 100A
I hold	0.05 - 5A
Attachment	PCB,SMT
Material: Terminals	Tin-Plated Copper
Storage Conditions	0°C to 40°C, max. 70% r.h.
Product Marking	see table of variants

Soldering Methods	Reflow Soldering Profile
Solderability	245 °C ±5 °C , 5sec, > 95 % coverage
Passing Aging	+85 °C, 1000 hours, Rmin < R < R1max
Humidity Aging	+85 °C, 85% r.h., 1000 hours, Rmin < R < R1max
Thermal Shock	30 min@-40 °C ~ 30 min@125 °C, 20 cycles, Rmin < R < R1max
Vibration	MIL-STD-883C, Method 2007.1, Test Condition A, Rmin < R < R1max
Resistance to Solvents	MIL-STD-202, Method 215

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: PFTL

Approval Logo	Certificates	Certification Body	Description
	UL Approvals	UL	UR File Number: E553873

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	UL 248-14	Low voltage fuses - Part 14: Supplemental fuses
	Designed according to	CSA22.2 No. 248.14	Low-Voltage Fuses - Part 14: Supplemental Fuses

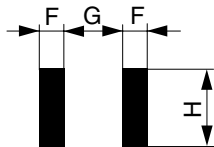
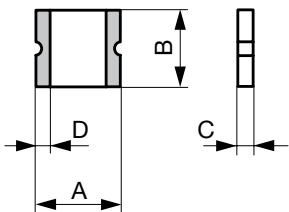
Compliances

The product complies with following Guide Lines

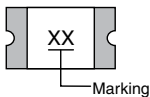
Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
RoHS	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
REACH	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Dimension [mm]

Soldering pads

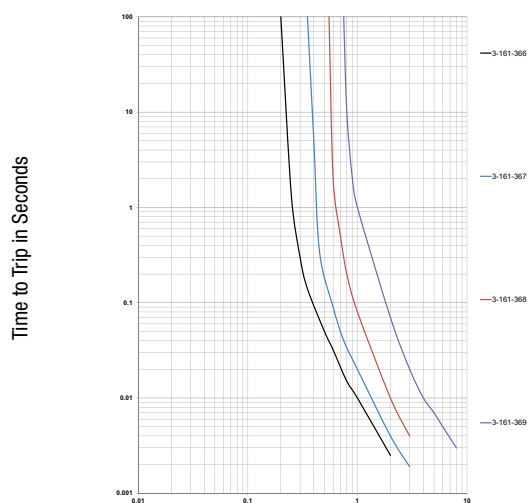


Part marking



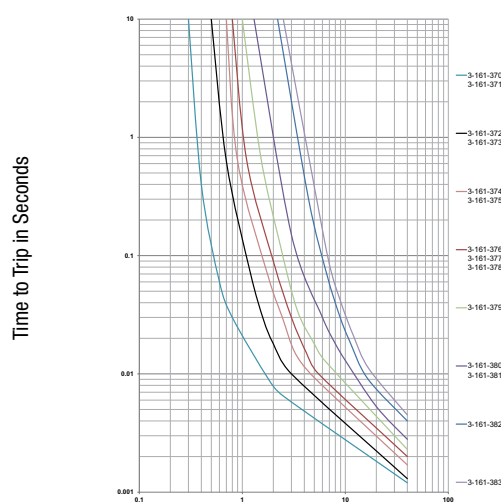
Time-Current-Curves

0603 footprint



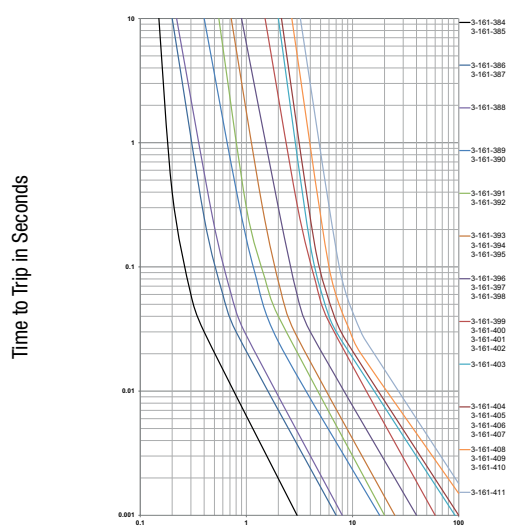
Fault Current in Amperes

0805 footprint



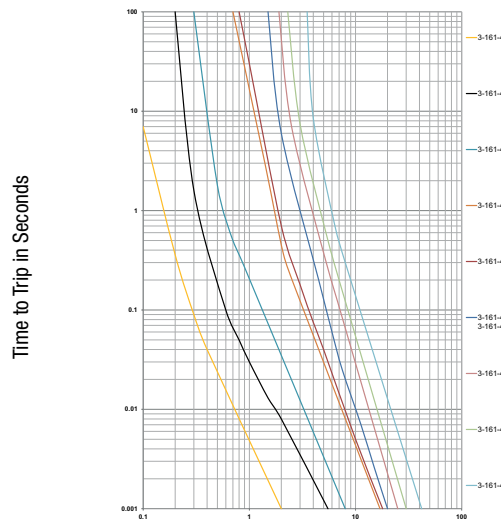
Fault Current in Amperes

1206 footprint



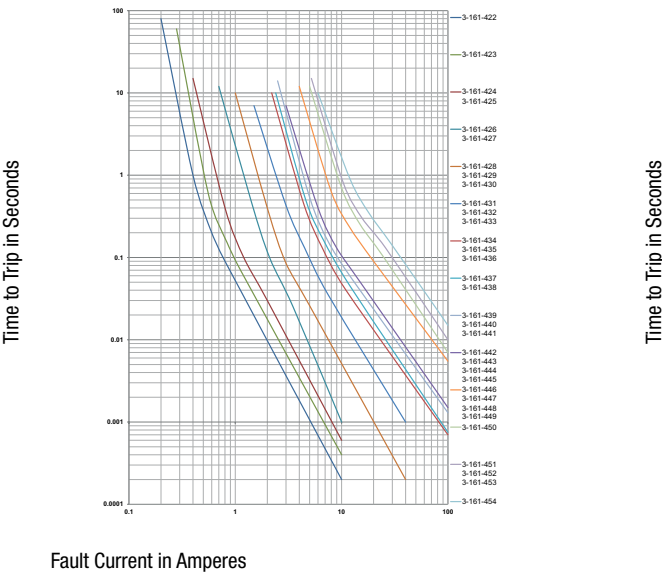
Fault Current in Amperes

1210 footprint

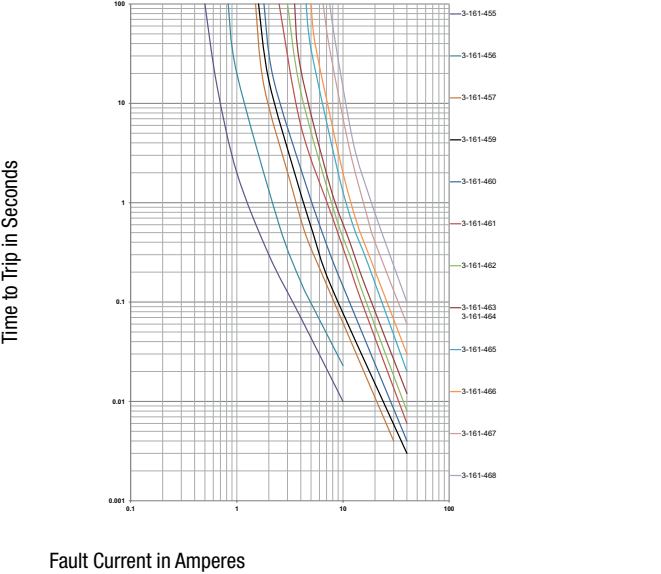


Fault Current in Amperes

1812 footprint



2920 footprint



Dimensions

Size	Marking	A min [mm]	A max [mm]	B min [mm]	B max [mm]	C min [mm]	C max [mm]	D min [mm]	F [mm]	G [mm]	H [mm]	Packaging [PCS]	Order Number
0603	I	1.45	1.85	0.65	1.05	0.35	0.85	0.2	0.75	1	1	5000	3-161-366
0603	-	1.45	1.85	0.65	1.05	0.3	0.75	0.2	0.75	1	1	5000	3-161-367
0603	II	1.45	1.85	0.65	1.05	0.3	0.75	0.2	0.75	1	1	5000	3-161-368
0603	Black	1.45	1.85	0.65	1.05	0.6	1	0.2	0.75	1	1	4000	3-161-369
0805	1	2	2.3	1.2	1.5	0.55	0.95	0.2	1	1.2	1.5	3500	3-161-370
0805	1	2	2.3	1.2	1.5	0.55	0.95	0.2	1	1.2	1.5	3500	3-161-371
0805	2	2	2.3	1.2	1.5	0.55	0.95	0.2	1	1.2	1.5	3500	3-161-372
0805	2	2	2.3	1.2	1.5	0.6	1	0.2	1	1.2	1.5	3500	3-161-373
0805	3	2	2.3	1.2	1.5	0.4	0.8	0.2	1	1.2	1.5	4500	3-161-374
0805	3	2	2.3	1.2	1.5	0.4	0.8	0.2	1	1.2	1.5	4500	3-161-375
0805	4	2	2.3	1.2	1.5	0.4	0.8	0.2	1	1.2	1.5	4500	3-161-376
0805	4	2	2.3	1.2	1.5	0.6	1.1	0.2	1	1.2	1.5	3500	3-161-377
0805	4	2	2.3	1.2	1.5	0.7	1.2	0.2	1	1.2	1.5	3500	3-161-378
0805	5	2	2.3	1.2	1.5	0.6	1	0.2	1	1.2	1.5	3500	3-161-379
0805	6	2	2.3	1.2	1.5	0.6	1	0.2	1	1.2	1.5	3500	3-161-380
0805	6	2	2.3	1.2	1.5	0.75	1.15	0.2	1	1.2	1.5	3500	3-161-381
0805	6	2	2.3	1.2	1.5	0.6	1	0.2	1	1.2	1.5	3500	3-161-382
0805	6	2	2.3	1.2	1.5	0.75	1.25	0.2	1	1.2	1.5	3500	3-161-383
1206	T0	3	3.4	1.4	1.8	0.8	1.2	0.25	1	2	1.6	3500	3-161-384
1206	T0	3	3.4	1.4	1.8	0.8	1.2	0.25	1	2	1.6	3500	3-161-385
1206	T1	3	3.4	1.4	1.8	0.8	1.2	0.25	1	2	1.6	3500	3-161-386
1206	T1	3	3.4	1.4	1.8	0.8	1.2	0.25	1	2	1.6	3500	3-161-387
1206	T01	3	3.4	1.4	1.8	0.8	1.2	0.25	1	2	1.6	3500	3-161-388
1206	T02	3	3.4	1.4	1.8	0.6	1	0.25	1	2	1.6	4000	3-161-389
1206	T02	3	3.4	1.4	1.8	0.6	1	0.25	1	2	1.6	4000	3-161-390
1206	T03	3	3.4	1.4	1.8	0.6	1	0.25	1	2	1.6	4000	3-161-391
1206	T03	3	3.4	1.4	1.8	0.6	1	0.25	1	2	1.6	4000	3-161-392
1206	T04	3	3.4	1.4	1.8	0.6	1	0.25	1	2	1.6	4000	3-161-393
1206	T04	3	3.4	1.4	1.8	0.6	1	0.25	1	2	1.6	4000	3-161-394
1206	T04	3	3.4	1.4	1.8	0.75	1.45	0.25	1	2	1.6	4000	3-161-395

Size	Marking	A min [mm]	A max [mm]	B min [mm]	B max [mm]	C min [mm]	C max [mm]	D min [mm]	F [mm]	G [mm]	H [mm]	Packaging [PCS]	Order Number
1206	T05	3	3.4	1.4	1.8	0.55	0.75	0.25	1	2	1.6	4000	3-161-396
1206	T05	3	3.4	1.4	1.8	0.55	0.75	0.25	1	2	1.6	4000	3-161-397
1206	T05	3	3.4	1.4	1.8	0.9	1.3	0.25	1	2	1.6	3500	3-161-398
1206	T07	3	3.4	1.4	1.8	0.45	0.85	0.25	1	2	1.6	4000	3-161-399
1206	T07	3	3.4	1.4	1.8	0.45	0.85	0.25	1	2	1.6	4000	3-161-400
1206	T07	3	3.4	1.4	1.8	0.45	0.85	0.25	1	2	1.6	4000	3-161-401
1206	T07	3	3.4	1.4	1.8	0.7	1.1	0.25	1	2	1.6	3500	3-161-402
1206	T10	3	3.4	1.4	1.8	0.6	1	0.25	1	2	1.6	3500	3-161-403
1206	T10	3	3.4	1.4	1.8	0.6	1	0.25	1	2	1.6	3500	3-161-404
1206	T10	3	3.4	1.4	1.8	0.6	1	0.25	1	2	1.6	3500	3-161-405
1206	T10	3	3.4	1.4	1.8	0.6	1	0.25	1	2	1.6	3500	3-161-406
1206	T10	3	3.4	1.4	1.8	0.9	1.4	0.25	1	2	1.6	3500	3-161-407
1206	T15	3	3.4	1.4	1.8	0.6	1	0.25	1	2	1.6	3500	3-161-408
1206	T15	3	3.4	1.4	1.8	0.6	1	0.25	1	2	1.6	3500	3-161-409
1206	T15	3	3.4	1.4	1.8	0.8	1.2	0.25	1	2	1.6	3500	3-161-410
1206	T15	3	3.5	1.4	1.8	0.6	1	0.25	1	2	1.6	3500	3-161-411
1210	T0	3	3.43	2.35	2.8	0.8	1.2	0.3	1	2	2.5	3500	3-161-412
1210	T01	3	3.43	2.35	2.8	0.8	1.2	0.3	1	2	2.5	3500	3-161-413
1210	T02	3	3.43	2.35	2.8	0.8	1.2	0.3	1	2	2.5	3500	3-161-414
1210	T03	3	3.43	2.35	2.8	0.6	1	0.3	1	2	2.5	4000	3-161-415
1210	T05	3	3.43	2.35	2.8	0.6	1	0.3	1	2	2.5	4000	3-161-416
1210	T07	3	3.43	2.35	2.8	0.6	1	0.3	1	2	2.5	4000	3-161-417
1210	T07	3	3.43	2.35	2.8	0.6	1	0.3	1	2	2.5	4000	3-161-418
1210	T11	3	3.43	2.35	2.8	0.45	0.85	0.3	1	2	2.5	4000	3-161-419
1210	T15	3	3.43	2.35	2.8	0.6	1	0.3	1	2	2.5	3500	3-161-420
1210	T20	3	3.43	2.35	2.8	0.6	1	0.3	1	2	2.5	3500	3-161-421
1812	T010	4.37	4.73	3.07	3.41	0.8	1.2	0.3	1.5	2.7	3.2	1500	3-161-422
1812	T014	4.37	4.73	3.07	3.41	0.8	1.2	0.3	1.5	2.7	3.2	1500	3-161-423
1812	T020	4.37	4.73	3.07	3.41	0.8	1.2	0.3	1.5	2.7	3.2	1500	3-161-424
1812	T020	4.37	4.73	3.07	3.41	0.8	1.2	0.3	1.5	2.7	3.2	1500	3-161-425
1812	T035	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	1500	3-161-426
1812	T035	4.37	4.73	3.07	3.41	0.9	1.6	0.3	1.5	2.7	3.2	1500	3-161-427
1812	T050	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	2000	3-161-428
1812	T050	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	2000	3-161-429
1812	T050	4.37	4.73	3.07	3.41	1.1	1.5	0.3	1.5	2.7	3.2	1000	3-161-430
1812	T075	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	2000	3-161-431
1812	T075	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	2000	3-161-432
1812	T075	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	2000	3-161-433
1812	T110	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	2000	3-161-434
1812	T110	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	2000	3-161-435
1812	T110	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	2000	3-161-436
1812	T110	4.37	4.73	3.07	3.41	0.8	1.2	0.3	1.5	2.7	3.2	1500	3-161-437
1812	T110	4.37	4.73	3.07	3.41	0.8	1.4	0.3	1.5	2.7	3.2	1500	3-161-438
1812	T125	4.37	4.73	3.07	3.41	0.45	0.85	0.3	1.5	2.7	3.2	2000	3-161-439
1812	T125	4.37	4.73	3.07	3.41	0.45	0.85	0.3	1.5	2.7	3.2	2000	3-161-440
1812	T125	4.37	4.73	3.07	3.41	1.1	1.5	0.3	1.5	2.7	3.2	1000	3-161-441
1812	T150	4.37	4.73	3.07	3.41	0.45	0.85	0.3	1.5	2.7	3.2	2000	3-161-442
1812	T150	4.37	4.73	3.07	3.41	0.45	0.85	0.3	1.5	2.7	3.2	2000	3-161-443
1812	T150	4.37	4.73	3.07	3.41	1.2	1.7	0.3	1.5	2.7	3.2	1000	3-161-444
1812	T150	4.37	4.73	3.07	3.41	0.9	1.5	0.3	1.5	2.7	3.2	1500	3-161-445
1812	T200	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	1500	3-161-446
1812	T200	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	1500	3-161-447
1812	T200	4.37	4.73	3.07	3.41	0.9	1.3	0.3	1.5	2.7	3.2	1500	3-161-448
1812	T200	4.37	4.73	3.07	3.41	1.3	1.7	0.3	1.5	2.7	3.2	1000	3-161-449
1812	T250	4.37	4.73	3.07	3.41	0.9	1.3	0.3	1.5	2.7	3.2	1500	3-161-450

Size	Marking	A min [mm]	A max [mm]	B min [mm]	B max [mm]	C min [mm]	C max [mm]	D min [mm]	F [mm]	G [mm]	H [mm]	Packaging [PCS]	Order Number
1812	T260	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	1500	3-161-451
1812	T260	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	1500	3-161-452
1812	T260	4.37	4.73	3.07	3.41	0.9	1.3	0.3	1.5	2.7	3.2	1500	3-161-453
1812	T300	4.37	4.73	3.07	3.41	0.6	1	0.3	1.5	2.7	3.2	1500	3-161-454
2920	T030	6.73	7.98	4.8	5.44	0.75	1.25	0.3	2	4.6	5.3	1500	3-161-455
2920	T050	6.73	7.98	4.8	5.44	0.75	1.25	0.3	2	4.6	5.3	1500	3-161-456
2920	T075	6.73	7.98	4.8	5.44	1	1.5	0.3	2	4.6	5.3	1000	3-161-457
2920	T100	6.73	7.98	4.8	5.44	0.65	1.05	0.3	2	4.6	5.3	1500	3-161-458
2920	T100	6.73	7.98	4.8	5.44	0.95	1.85	0.3	2	4.6	5.3	1000	3-161-459
2920	T100	6.73	7.98	4.8	5.44	0.95	1.85	0.3	2	4.6	5.3	1000	3-161-460
2920	T150	6.73	7.98	4.8	5.44	0.9	1.3	0.3	2	4.6	5.3	1000	3-161-461
2920	T185	6.73	7.98	4.8	5.44	0.9	1.3	0.3	2	4.6	5.3	1000	3-161-462
2920	T200	6.73	7.98	4.8	5.44	0.9	1.3	0.3	2	4.6	5.3	1000	3-161-463
2920	T200	6.73	7.98	4.8	5.44	0.9	1.3	0.3	2	4.6	5.3	1000	3-161-464
2920	T260	6.73	7.98	4.8	5.44	0.7	1.3	0.3	2	4.6	5.3	1000	3-161-465
2920	T300	6.73	7.98	4.8	5.44	1.1	1.5	0.3	2	4.6	5.3	1000	3-161-466
2920	T400	6.73	7.98	4.8	5.44	1.1	1.5	0.3	2	4.6	5.3	1000	3-161-467
2920	T500	6.73	7.98	4.8	5.44	1	1.4	0.3	2	4.6	5.3	1000	3-161-468

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Thermal Derating Chart Ihold [A]

Size	-40 °C	-20 °C	0 °C	25 °C	40 °C	50 °C	60 °C	70 °C	85 °C	Order Number
0603	0.13	0.12	0.11	0.1	0.08	0.07	0.06	0.05	0.03	3-161-366
0603	0.27	0.25	0.23	0.2	0.17	0.14	0.12	0.1	0.07	3-161-367
0603	0.47	0.41	0.38	0.35	0.29	0.26	0.24	0.2	0.14	3-161-368
0603	0.67	0.59	0.54	0.5	0.41	0.37	0.34	0.29	0.2	3-161-369
0805	0.15	0.13	0.12	0.1	0.09	0.08	0.07	0.06	0.05	3-161-370
0805	0.15	0.13	0.12	0.1	0.09	0.08	0.07	0.06	0.05	3-161-371
0805	0.28	0.25	0.23	0.2	0.17	0.14	0.12	0.1	0.07	3-161-372
0805	0.28	0.26	0.23	0.2	0.17	0.14	0.12	0.1	0.07	3-161-373
0805	0.47	0.44	0.39	0.35	0.3	0.27	0.24	0.2	0.14	3-161-374
0805	0.47	0.44	0.39	0.35	0.3	0.27	0.24	0.2	0.14	3-161-375
0805	0.68	0.62	0.55	0.5	0.4	0.37	0.33	0.29	0.23	3-161-376
0805	0.68	0.62	0.55	0.5	0.4	0.37	0.33	0.29	0.23	3-161-377
0805	0.68	0.62	0.55	0.5	0.4	0.37	0.33	0.29	0.23	3-161-378
0805	1	0.9	0.79	0.75	0.63	0.57	0.53	0.42	0.35	3-161-379
0805	1.45	1.35	1.2	1	0.92	0.84	0.75	0.65	0.52	3-161-380
0805	1.25	1.2	1.1	1	0.88	0.7	0.6	0.55	0.5	3-161-381
0805	1.45	1.35	1.2	1.1	0.92	0.84	0.75	0.65	0.52	3-161-382
0805	1.98	1.84	1.64	1.5	1.25	1.15	1.02	0.89	0.71	3-161-383
1206	0.08	0.07	0.06	0.05	0.05	0.04	0.04	0.03	0.03	3-161-384
1206	0.08	0.07	0.06	0.05	0.05	0.04	0.04	0.03	0.03	3-161-385
1206	0.16	0.14	0.13	0.1	0.09	0.08	0.075	0.07	0.06	3-161-386
1206	0.16	0.14	0.13	0.1	0.09	0.08	0.075	0.07	0.06	3-161-387
1206	0.19	0.17	0.15	0.12	0.11	0.1	0.09	0.08	0.07	3-161-388
1206	0.3	0.27	0.24	0.2	0.18	0.16	0.14	0.12	0.11	3-161-389
1206	0.3	0.27	0.24	0.2	0.18	0.16	0.14	0.12	0.11	3-161-390
1206	0.38	0.34	0.3	0.25	0.23	0.2	0.18	0.15	0.14	3-161-391
1206	0.38	0.34	0.3	0.25	0.23	0.2	0.18	0.15	0.14	3-161-392
1206	0.51	0.46	0.4	0.35	0.3	0.27	0.24	0.22	0.18	3-161-393
1206	0.51	0.46	0.4	0.35	0.3	0.27	0.24	0.22	0.18	3-161-394
1206	0.51	0.46	0.4	0.35	0.3	0.27	0.24	0.22	0.18	3-161-395
1206	0.76	0.68	0.59	0.5	0.44	0.4	0.35	0.32	0.26	3-161-396
1206	0.76	0.68	0.59	0.5	0.44	0.4	0.35	0.32	0.26	3-161-397

Size	-40 °C	-20 °C	0 °C	25 °C	40 °C	50 °C	60 °C	70 °C	85 °C	Order Number
1206	0.76	0.68	0.59	0.5	0.4	0.35	0.31	0.28	0.25	3-161-398
1206	1.11	1	0.85	0.75	0.67	0.61	0.52	0.5	0.42	3-161-399
1206	1.11	1	0.85	0.75	0.67	0.61	0.52	0.5	0.42	3-161-400
1206	1.11	1	0.85	0.75	0.67	0.61	0.52	0.5	0.42	3-161-401
1206	1.11	1	0.85	0.75	0.67	0.61	0.52	0.5	0.42	3-161-402
1206	1.6	1.4	1.3	1	0.9	0.8	0.75	0.7	0.6	3-161-403
1206	1.64	1.46	1.3	1.1	0.92	0.83	0.8	0.65	0.52	3-161-404
1206	1.64	1.46	1.3	1.1	0.92	0.83	0.8	0.65	0.52	3-161-405
1206	1.64	1.46	1.3	1.1	0.92	0.83	0.8	0.65	0.52	3-161-406
1206	1.64	1.46	1.3	1.1	0.92	0.83	0.8	0.65	0.52	3-161-407
1206	2.2	1.99	1.77	1.5	1.34	1.23	1.1	1.01	0.84	3-161-408
1206	2.2	1.99	1.77	1.5	1.34	1.23	1.1	1.01	0.84	3-161-409
1206	2.2	1.99	1.77	1.5	1.34	1.23	1.1	1.01	0.84	3-161-410
1206	2.88	2.61	2.28	2	1.8	1.66	1.51	1.39	1.19	3-161-411
1210	0.08	0.07	0.06	0.05	0.04	0.04	0.03	0.03	0.02	3-161-412
1210	0.15	0.13	0.12	0.1	0.09	0.08	0.07	0.06	0.05	3-161-413
1210	0.32	0.28	0.24	0.2	0.18	0.16	0.14	0.12	0.1	3-161-414
1210	0.51	0.46	0.4	0.35	0.3	0.27	0.24	0.22	0.18	3-161-415
1210	0.76	0.66	0.58	0.5	0.42	0.38	0.35	0.29	0.23	3-161-416
1210	1.1	0.97	0.86	0.75	0.64	0.58	0.55	0.47	0.39	3-161-417
1210	1.1	0.97	0.86	0.75	0.64	0.58	0.55	0.47	0.39	3-161-418
1210	1.6	1.42	1.26	1.1	0.94	0.86	0.8	0.7	0.58	3-161-419
1210	2.3	2.02	1.76	1.5	1.24	1.11	1	0.85	0.65	3-161-420
1210	3.2	2.8	2.4	2	1.8	1.6	1.4	1.2	1	3-161-421
1812	0.16	0.14	0.12	0.1	0.08	0.07	0.06	0.05	0.03	3-161-422
1812	0.23	0.19	0.17	0.14	0.12	0.1	0.09	0.08	0.06	3-161-423
1812	0.29	0.26	0.23	0.2	0.17	0.15	0.14	0.12	0.1	3-161-424
1812	0.29	0.26	0.23	0.2	0.17	0.15	0.14	0.12	0.1	3-161-425
1812	0.51	0.46	0.41	0.35	0.3	0.27	0.25	0.21	0.18	3-161-426
1812	0.51	0.46	0.41	0.35	0.3	0.27	0.25	0.21	0.18	3-161-427
1812	0.77	0.68	0.59	0.5	0.44	0.4	0.37	0.33	0.29	3-161-428
1812	0.77	0.68	0.59	0.5	0.44	0.4	0.37	0.33	0.29	3-161-429
1812	0.77	0.68	0.59	0.5	0.44	0.4	0.37	0.33	0.29	3-161-430
1812	1.15	1.01	0.88	0.75	0.65	0.6	0.55	0.49	0.43	3-161-431
1812	1.15	1.01	0.88	0.75	0.65	0.6	0.55	0.49	0.43	3-161-432
1812	1.15	1.01	0.88	0.75	0.65	0.6	0.55	0.49	0.43	3-161-433
1812	1.59	1.43	1.26	1.1	0.95	0.87	0.8	0.71	0.6	3-161-434
1812	1.59	1.43	1.26	1.1	0.95	0.87	0.8	0.71	0.6	3-161-435
1812	1.59	1.43	1.26	1.1	0.95	0.87	0.8	0.71	0.6	3-161-436
1812	1.59	1.43	1.26	1.1	0.95	0.87	0.8	0.71	0.6	3-161-437
1812	1.59	1.43	1.26	1.1	0.95	0.87	0.8	0.71	0.6	3-161-438
1812	1.8	1.63	1.43	1.25	1.08	0.99	0.91	0.81	0.68	3-161-439
1812	1.8	1.63	1.43	1.25	1.08	0.99	0.91	0.81	0.68	3-161-440
1812	1.8	1.63	1.43	1.25	1.08	0.99	0.91	0.81	0.68	3-161-441
1812	2.17	1.95	1.72	1.5	1.3	1.18	1.09	0.97	0.82	3-161-442
1812	2.17	1.95	1.72	1.5	1.3	1.18	1.09	0.97	0.82	3-161-443
1812	2.17	1.95	1.72	1.5	1.3	1.18	1.09	0.97	0.82	3-161-444
1812	2.17	1.95	1.72	1.5	1.3	1.18	1.09	0.97	0.82	3-161-445
1812	3.08	2.71	2.35	2	1.8	1.6	1.5	1.4	1.25	3-161-446
1812	3.08	2.71	2.35	2	1.8	1.6	1.5	1.4	1.25	3-161-447
1812	3.08	2.71	2.35	2	1.8	1.6	1.5	1.4	1.25	3-161-448
1812	3.08	2.71	2.35	2	1.8	1.6	1.5	1.4	1.25	3-161-449
1812	3.85	3.45	3	2.5	2.05	1.85	1.75	1.3	1.1	3-161-450
1812	4	3.52	3.06	2.6	2.34	2.08	1.95	1.39	1.04	3-161-451
1812	4	3.52	3.06	2.6	2.34	2.08	1.95	1.39	1.04	3-161-452

Size	-40 °C	-20 °C	0 °C	25 °C	40 °C	50 °C	60 °C	70 °C	85 °C	Order Number
1812	4	3.52	3.06	2.6	2.34	2.08	1.95	1.39	1.04	3-161-453
1812	4.4	3.9	3.5	3	2.6	2.3	2.1	1.8	1.5	3-161-454
2920	0.45	0.4	0.35	0.3	0.25	0.23	0.2	0.17	0.14	3-161-455
2920	0.76	0.67	0.59	0.5	0.42	0.38	0.33	0.29	0.23	3-161-456
2920	1.13	1.01	0.88	0.75	0.62	0.56	0.5	0.44	0.34	3-161-457
2920	1.66	1.47	1.29	1	0.91	0.83	0.73	0.64	0.5	3-161-458
2920	1.66	1.47	1.29	1	0.91	0.83	0.73	0.64	0.5	3-161-459
2920	1.66	1.47	1.29	1.1	0.91	0.83	0.73	0.64	0.5	3-161-460
2920	2.27	2.01	1.76	1.5	1.25	1.13	1	0.87	0.74	3-161-461
2920	2.8	2.47	2.17	1.85	1.54	1.39	1.22	1.07	0.85	3-161-462
2920	3.02	2.68	2.34	2	1.8	1.7	1.54	1.4	1.3	3-161-463
2920	3.02	2.68	2.34	2	1.8	1.7	1.54	1.4	1.3	3-161-464
2920	3.93	3.48	3.04	2.6	2.34	2.21	2	1.82	1.69	3-161-465
2920	4.53	4.02	3.51	3	2.52	2.26	1.99	1.75	1.34	3-161-466
2920	6.04	5.36	4.68	4	3.6	3.4	3.08	2.8	2.6	3-161-467
2920	7.56	6.7	5.86	5	4.5	4.26	3.86	3.5	3.26	3-161-468

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Electrical Characteristics at 25 °C

Size	V max [VDC]	I max [A]	I hold [A]	I trip [A]	R initial min [Ω]	R 1 hour max [Ω]	Max Time to trip [A]	Max Time to Trip [s]	Tripped Power Dissipation [W]	Order Number
0603	15	40	0.1	0.3	0.9	6	0.5	1	0.50	3-161-366
0603	9	40	0.2	0.5	0.55	3.5	1	0.6	0.50	3-161-367
0603	6	40	0.35	0.75	0.2	1.4	8	0.1	0.50	3-161-368
0603	6	40	0.5	1	0.1	0.8	8	0.1	0.50	3-161-369
0805	15	100	0.1	0.3	1	7.5	0.5	1.5	0.50	3-161-370
0805	24	100	0.1	0.3	1	7.5	0.5	1.5	0.50	3-161-371
0805	9	100	0.2	0.5	0.65	3.5	8	0.02	0.50	3-161-372
0805	24	100	0.2	0.5	0.5	3.2	8	0.02	0.60	3-161-373
0805	6	100	0.35	0.75	0.25	1.2	8	0.1	0.50	3-161-374
0805	16	100	0.35	0.75	0.25	2.1	8	0.1	0.50	3-161-375
0805	6	100	0.5	1	0.15	0.9	8	0.1	0.50	3-161-376
0805	16	100	0.5	1	0.15	0.9	8	0.1	0.50	3-161-377
0805	24	40	0.5	1	0.15	0.9	8	0.1	0.50	3-161-378
0805	6	100	0.75	1.5	0.09	0.35	8	0.2	0.60	3-161-379
0805	6	100	1	2	0.06	0.25	8	0.3	0.60	3-161-380
0805	12	50	1	1.95	0.07	0.325	8	0.3	0.60	3-161-381
0805	6	100	1.1	2.2	0.06	0.21	8	0.3	0.60	3-161-382
0805	6	100	1.5	3	0.04	0.16	8	0.5	0.60	3-161-383
1206	30	10	0.05	0.15	2.5	40	0.25	1.5	0.40	3-161-384
1206	60	10	0.05	0.15	2.5	40	0.25	1.5	0.40	3-161-385
1206	30	10	0.1	0.25	1.4	15	0.5	1.2	0.40	3-161-386
1206	60	10	0.1	0.25	1.4	15	0.5	1.2	0.40	3-161-387
1206	30	10	0.12	0.29	1.35	8.5	8	0.1	0.40	3-161-388
1206	24	10	0.2	0.46	0.6	2.6	8	0.1	0.60	3-161-389
1206	30	60	0.2	0.46	0.6	3.3	1	0.6	0.60	3-161-390
1206	16	10	0.25	0.55	0.4	1.8	1.25	0.1	0.60	3-161-391
1206	24	10	0.25	0.55	0.4	2.4	1.25	0.6	0.60	3-161-392
1206	6	40	0.35	0.75	0.3	1.2	8	0.1	0.60	3-161-393
1206	16	40	0.35	0.75	0.3	1.2	8	0.1	0.60	3-161-394
1206	30	40	0.35	0.75	0.3	1.2	8	0.1	0.60	3-161-395
1206	13.2	40	0.5	1	0.15	0.7	8	0.1	0.40	3-161-396
1206	16	40	0.5	1	0.15	0.75	8	0.1	0.40	3-161-397
1206	30	40	0.5	1	0.15	1.1	8	0.1	0.50	3-161-398

Size	V max [VDC]	I max [A]	I hold [A]	I trip [A]	R initial min [Ω]	R 1 hour max [Ω]	Max Time to trip [A]	Max Time to Trip [s]	Tripped Power Dissipation [W]	Order Number
1206	6	100	0.75	1.5	0.1	0.4	8	0.1	0.40	3-161-399
1206	13.2	100	0.75	1.5	0.1	0.4	8	0.1	0.40	3-161-400
1206	16	100	0.75	1.5	0.1	0.4	8	0.1	0.40	3-161-401
1206	24	100	0.75	1.5	0.1	0.4	8	0.1	0.40	3-161-402
1206	6	100	1	2	0.07	0.28	8	0.1	0.60	3-161-403
1206	6	100	1.1	2.2	0.06	0.2	8	0.1	0.60	3-161-404
1206	8	100	1.1	2.2	0.06	0.28	8	0.1	0.60	3-161-405
1206	13.2	100	1.1	2.2	0.06	0.28	8	0.1	0.60	3-161-406
1206	24	100	1.1	2.2	0.06	0.28	8	0.1	0.60	3-161-407
1206	6	100	1.5	3	0.03	0.13	8	0.3	0.60	3-161-408
1206	8	100	1.5	3	0.03	0.17	8	0.3	0.60	3-161-409
1206	12	100	1.5	3	0.03	0.21	8	0.3	0.60	3-161-410
1206	6	100	2	4	0.02	0.085	8	1	0.70	3-161-411
1210	30	10	0.05	0.15	2.8	50	0.25	1.5	0.60	3-161-412
1210	30	10	0.1	0.3	0.8	15	0.5	0.6	0.60	3-161-413
1210	30	10	0.2	0.4	0.4	5	8	0.02	0.60	3-161-414
1210	6	40	0.35	0.75	0.2	1.3	8	0.2	0.60	3-161-415
1210	13.2	40	0.5	1	0.18	0.9	8	0.1	0.60	3-161-416
1210	6	40	0.75	1.5	0.07	0.45	8	0.1	0.60	3-161-417
1210	24	100	0.75	1.5	0.1	0.45	8	0.15	0.60	3-161-418
1210	6	40	1.1	2.2	0.05	0.21	5	1	0.60	3-161-419
1210	6	40	1.5	3	0.03	0.11	5	5	0.60	3-161-420
1210	6	40	2	4	0.02	0.09	8	1	0.70	3-161-421
1812	60	10	0.1	0.3	1	15	0.5	1.5	0.80	3-161-422
1812	60	10	0.14	0.34	1	6.5	1.5	0.15	0.80	3-161-423
1812	30	10	0.2	0.4	1	5	8	0.02	0.80	3-161-424
1812	60	10	0.2	0.4	1	6	1.5	0.15	0.80	3-161-425
1812	30	40	0.35	0.7	0.2	1.8	8	0.1	0.80	3-161-426
1812	60	10	0.35	0.7	0.2	2	8	0.1	0.80	3-161-427
1812	15	100	0.5	1	0.15	1	8	0.15	0.80	3-161-428
1812	30	100	0.5	1	0.15	1	8	0.15	0.80	3-161-429
1812	60	100	0.5	1	0.15	1	8	0.15	0.80	3-161-430
1812	16	40	0.75	1.5	0.11	0.45	8	0.2	0.80	3-161-431
1812	24	40	0.75	1.5	0.11	0.45	8	0.2	0.80	3-161-432
1812	33	40	0.75	1.5	0.11	0.4	8	0.2	0.80	3-161-433
1812	6	100	1.1	2.2	0.04	0.21	8	0.15	0.80	3-161-434
1812	8	100	1.1	2.2	0.04	0.21	8	0.3	0.80	3-161-435
1812	16	100	1.1	2.2	0.04	0.21	8	0.2	0.80	3-161-436
1812	24	100	1.1	2.2	0.06	0.21	8	0.2	1.20	3-161-437
1812	33	100	1.1	2.2	0.055	0.22	8	0.5	1.20	3-161-438
1812	6	40	1.25	2.5	0.035	0.14	8	0.4	0.80	3-161-439
1812	16	100	1.25	2.5	0.035	0.14	8	0.4	0.80	3-161-440
1812	30	100	1.25	2.5	0.035	0.21	8	0.4	0.80	3-161-441
1812	6	100	1.5	3	0.03	0.12	8	0.5	0.80	3-161-442
1812	12	100	1.5	3	0.03	0.12	8	0.5	1.00	3-161-443
1812	24	100	1.5	3	0.03	0.14	8	1.5	1.20	3-161-444
1812	33	100	1.5	3	0.03	0.18	8	1.5	1.20	3-161-445
1812	8	40	2	4	0.02	0.08	8	3	1.20	3-161-446
1812	12	100	2	4	0.02	0.08	8	3	1.20	3-161-447
1812	16	100	2	4	0.02	0.08	8	3	1.20	3-161-448
1812	24	40	2	4	0.02	0.1	8	3	1.20	3-161-449
1812	16	100	2.5	5	0.015	0.1	8	5	1.20	3-161-450
1812	6	100	2.6	5.2	0.015	0.1	8	5	1.20	3-161-451
1812	12	100	2.6	5.2	0.015	0.08	8	5	1.20	3-161-452
1812	16	100	2.6	5.2	0.015	0.08	8	5	1.20	3-161-453

Size	V max [VDC]	I max [A]	I hold [A]	I trip [A]	R initial min [Ω]	R 1hour max [Ω]	Max Time to trip [A]	Max Time to Trip [s]	Tripped Power Dissipation [W]	Order Number
1812	6	100	3	6	0.012	0.06	8	5	1.20	3-161-454
2920	60	10	0.3	0.6	0.6	4.3	1.5	3	1.50	3-161-455
2920	60	10	0.5	1	0.18	1.4	2.5	3	1.50	3-161-456
2920	60	40	0.75	1.5	0.1	1	8	0.3	1.50	3-161-457
2920	33	40	1	2	0.065	0.41	8	0.5	1.50	3-161-458
2920	60	100	1	2	0.09	0.41	8	0.5	1.50	3-161-459
2920	60	100	1.1	2	0.09	0.41	8	0.5	1.50	3-161-460
2920	33	100	1.5	3	0.035	0.23	8	2	1.50	3-161-461
2920	33	100	1.85	3.7	0.03	0.15	8	2	1.50	3-161-462
2920	24	100	2	4	0.02	0.12	8	4.5	1.50	3-161-463
2920	33	100	2	4	0.02	0.125	8	4.5	1.50	3-161-464
2920	24	100	2.6	5.2	0.014	0.075	8	18	1.50	3-161-465
2920	24	40	3	6	0.01	0.055	8	20	1.50	3-161-466
2920	12	40	4	8	0.007	0.035	20	5	1.50	3-161-467
2920	16	100	5	10	0.005	0.022	25	5	2.00	3-161-468

V max: Maximum voltage device can withstand without damage at rated current.
 I max: Maximum fault current device can withstand without damage at rated voltage.
 I hold: Holding Current: maximum current at which the device will not trip in 25 °C still air.
 I trip: Tripping Current minimum current at which the device will trip in 25 °C still air.
 R initial min: Minimum resistance of device prior to trip at 25 °C.
 R initial max: Maximum resistance of device prior to trip at 25 °C.
 R 1hour max :Maximum resistance of device measured one hour after tripping at 25 °C.
 T trip: Maximum time to trip(s) at assigned current.
 Pd typ: Rated working power.
 Noted: Electrical function testing is performed only after PCB assembly.

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Packaging Unit	Tape & Reel
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