

EV Fuse, up to 1000 VDC, up to 900 A

new



ALO Resin type Axial Bolt-on



ALO Ceramic type Axial Bolt-on



ALO Ceramic type Bottom Bolt-on

250/500/750/1000VDC · EV Fuse

See below:

[Approvals and Compliances](#)

Description

- High breaking capacity of up to 50 kA @ 1000 VDC
- Axial/ Bottom bolt-on mounting for vehicle applications

Unique Selling Proposition

- Compact size
- High safety and reliability
- Mechanical vibration and shock resistance
- Chemical load resistance

Applications

- PDU: Power Distribution Unit
- BDU: Battery Disconnect Unit
- All-in-One-Controller
- 2-in-1 Electric Drive
- Battery Management System

Weblinks

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

Technical Data

Rated Voltage	250/500/750/1000VDC
Rated current	100 - 900A
Breaking Capacity	up to 50kA
Characteristic	EV Fuse
Mounting	Bolt-on
Admissible Ambient Temp.	-40 °C to 125 °C
Material: Terminals	Copper alloy, tin-plated
Material: Tube	Ceramic / Resin
Material: Endcaps	Copper Alloy
Storage Conditions	-40 °C to 70 °C, max. 70% r.h.
Product Marking	 Type, Rated current, Rated Voltage, Breaking Capacity, Approvals

Resistance to Vibration	acc. to IEC 60068-2-6, test Fc
Mechanical Shock	MIL-STD-202, Method 213 Condition C

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: ALO

Approval Logo	Certificates	Certification Body	Description
	UL Approvals	UL	UR File Number: 548130

Product standards

Product standards that are referenced

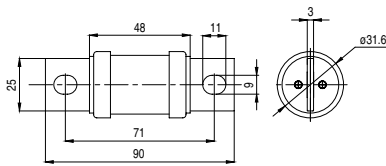
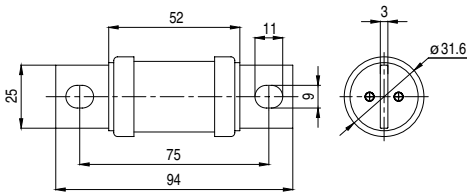
Organization	Design	Standard	Description
	Designed according to	UL 248-20	Low-Voltage Fuses - Part 20: Electric Vehicle (EV) Fuses
	Designed according to	ISO 8820-8	High-voltage fuses for vehicles - Part 8: Fuse-links with bolt-in contacts (Type H and J) with rated voltage of 450V
	Designed according to	GB/T31465.6	Road vehicles - Fuse-link - Part 6: Fuse-links with bolt-in contacts with high voltage
	Designed according to	JASO D622	Automotive parts - Bolt-in type high-voltage fuse-links

Compliances

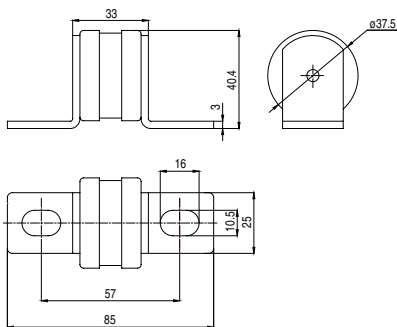
The product complies with following Guide Lines

Identification	Details	Initiator	Description
	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
	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.

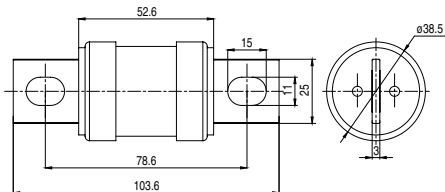
Dimension [mm]
AL011 3148 Bolt-on A 50 mm
AL012 3148 Bolt-on B



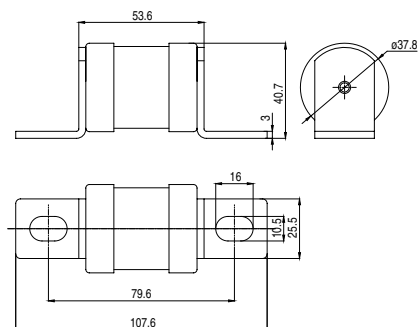
AL013 3734 Bolt-on A



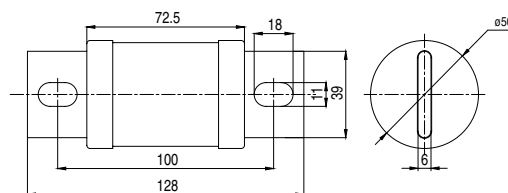
AL014 3852 Bolt-on A



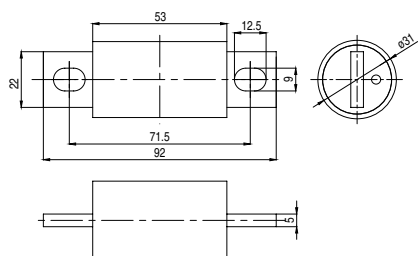
AL016 3852 Bolt-on B



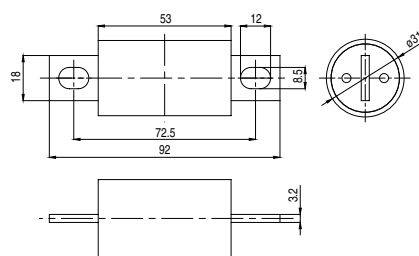
AL019 5074 Bolt-on A



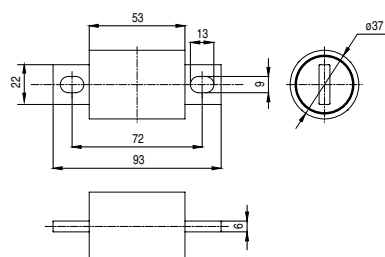
AL051 3153-R Bolt-on A



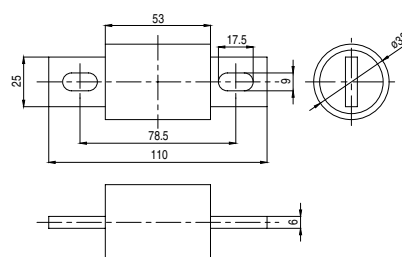
AL052 3153-R Bolt-on B



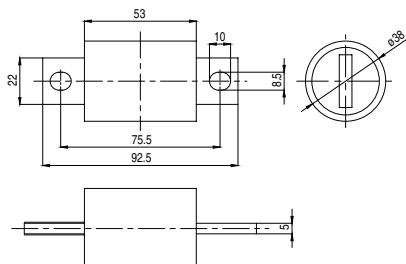
AL053 3853-R Bolt-on A



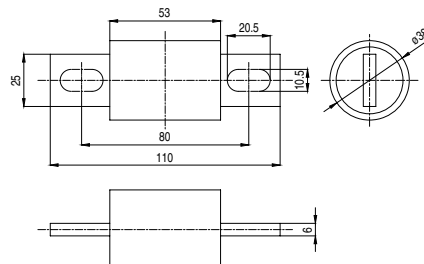
AL054 3853-R Bolt-on B



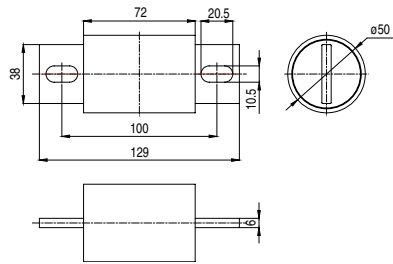
AL055 3853-R Bolt-on C



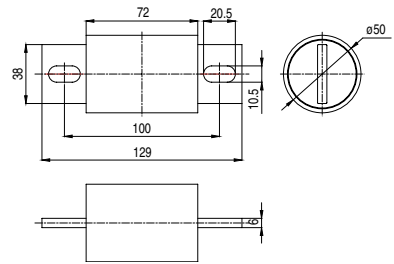
AL056 3853-R Bolt-on D



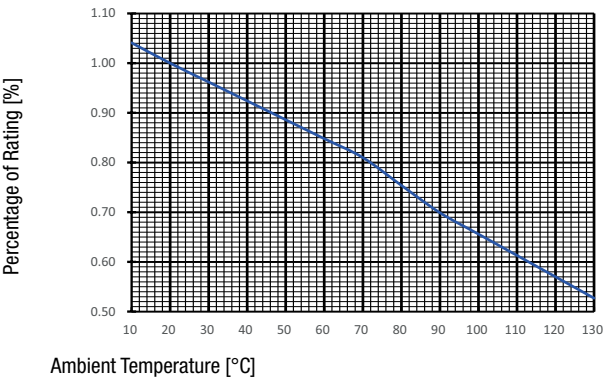
AL058 5072-R Bolt-on A



AL059 5072-R Bolt-on A



Derating Curves

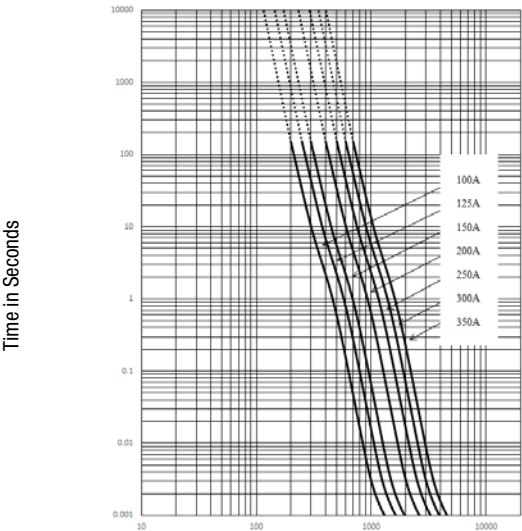


Pre-Arcing Time

Rated Current In	1.1 x In min.	2.0 x In min.	2.0 x In max.	3.0 x In min.	3.0 x In max.	5.0 x In min.	5.0 x In max.
100 A - 900 A	4 h	1 s	300 s	200 ms	30 s	50 ms	1 s

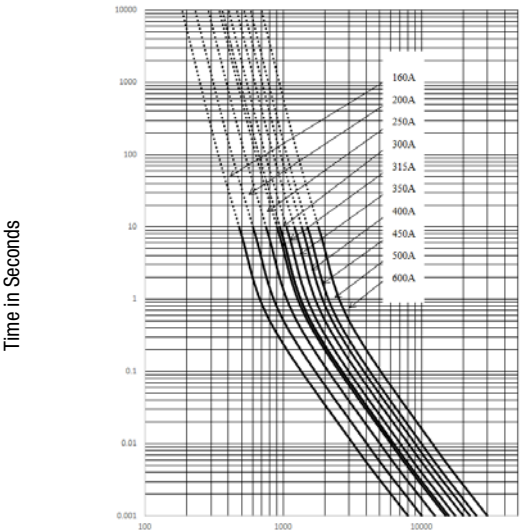
Time-Current-Curves

ALO 3148 Bolt-on A and B, 500 VDC



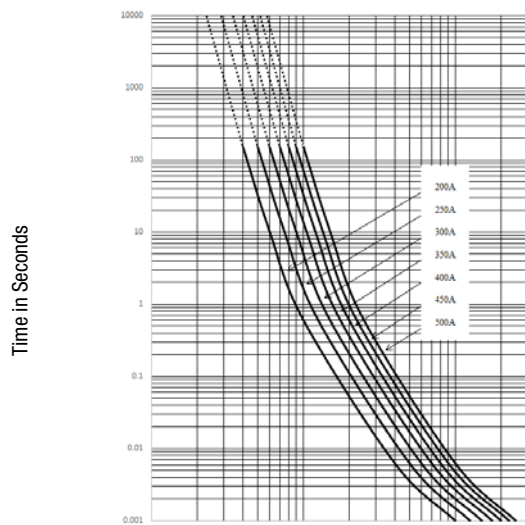
Current in Amperes

ALO 3734 Bolt-on A, 250 VDC



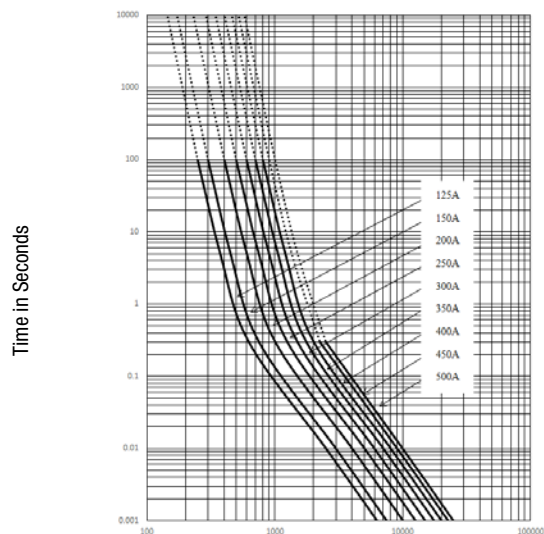
Current in Amperes

ALO 3852 Bolt-on A, 500 VDC



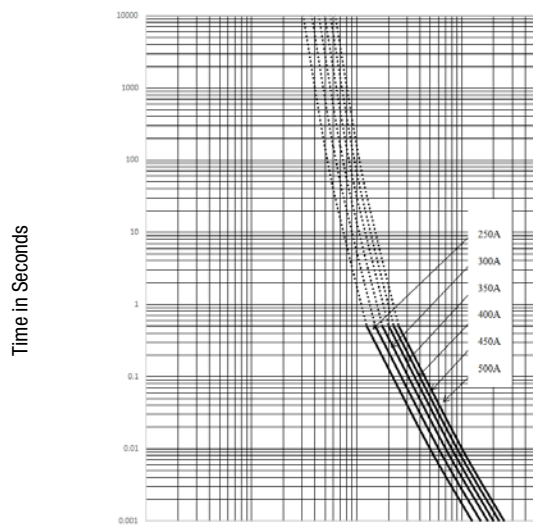
Current in Amperes

ALO 3852 Bolt-on B, 500 VDC



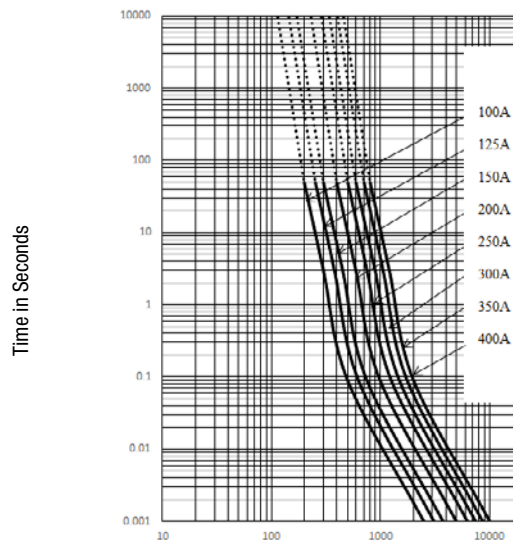
Current in Amperes

ALO 5074 Bolt-on A, 1000 VDC



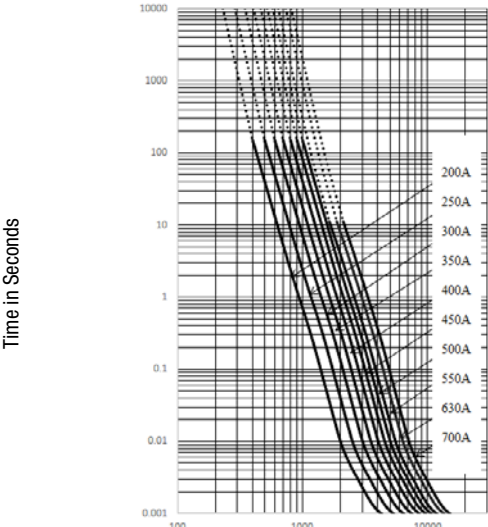
Current in Amperes

ALO 3153-R Bolt-on A and B, 500 VDC



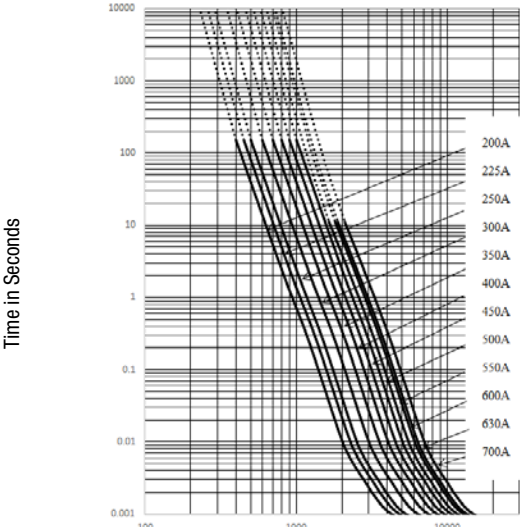
Current in Amperes

ALO 3853-R Bolt-on A, 500 VDC



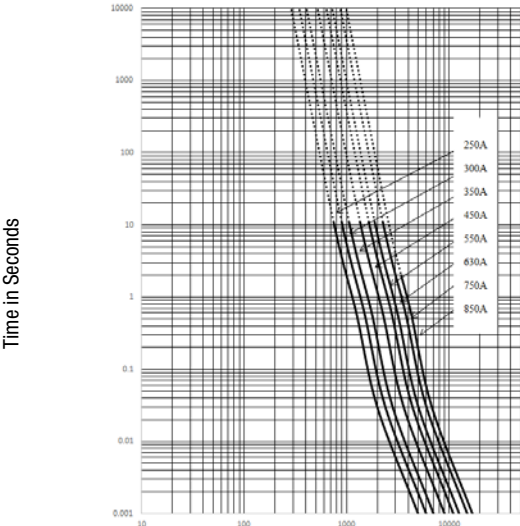
Current in Amperes

ALO 3853-R Bolt-on B, C and D, 200-700 A, 500 VDC



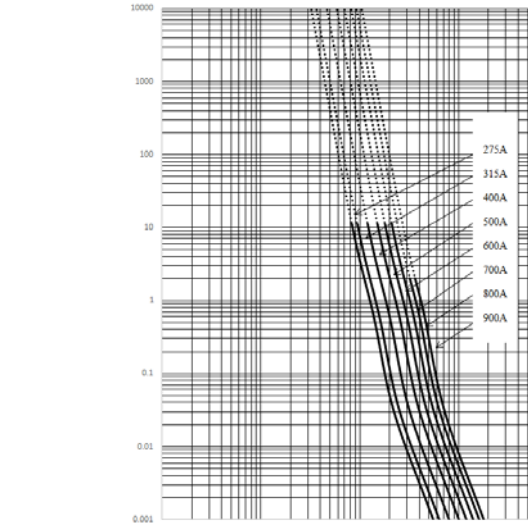
Current in Amperes

ALO 5072-R Bolt-on A, 250-850 A, 750 VDC

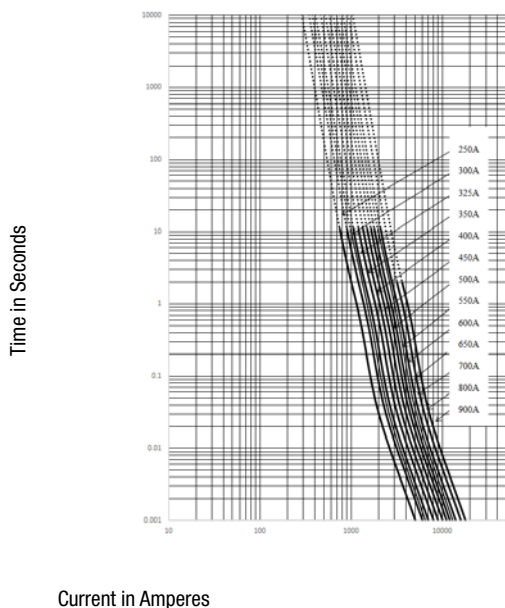


Current in Amperes

ALO 5072-R Bolt-on A, 275-900 A, 750 VDC



ALO 5072-R Bolt-on A, 1000 VDC



Variants

Rated Current [A]	Rated Voltage [VDC]	Dimension Code	Mounting	Material: Tube	Terminal Plating	Breaking Capacity	Pre-arcing I ² t typ. [kA ² s]	Melting I ² t typ. [kA ² s]	Power Dissipation 1.0 I _n typ. [W]		Packaging [PCS]	Order Number
100	500	3148	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	1.05	4.4	11	●	6	3-156-224
125	500	3148	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	1.75	7.3	13	●	6	3-156-225
150	500	3148	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	2.6	10.9	17	●	6	3-156-226
200	500	3148	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	4.85	20.4	24	●	6	3-156-227
250	500	3148	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	8.61	36.2	28	●	6	3-156-228
300	500	3148	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	12.4	52.1	35	●	6	3-156-229
350	500	3148	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	17.85	74.9	45	●	6	3-156-230
100	500	3148	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	1.05	4.4	11	●	6	3-156-231
125	500	3148	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	1.75	7.3	13	●	6	3-156-232
150	500	3148	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	2.6	10.9	17	●	6	3-156-233
200	500	3148	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	4.85	20.4	24	●	6	3-156-234
250	500	3148	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	8.61	36.2	28	●	6	3-156-235
300	500	3148	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	12.4	52.1	35	●	6	3-156-236
350	500	3148	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	17.85	74.9	45	●	6	3-156-237
160	250	3734	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	1.598	8.537	13		4	3-156-238
200	250	3734	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	4.516	15.806	16		4	3-156-239
250	250	3734	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	7.243	25.351	20		4	3-156-240
300	250	3734	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	13.38	46.83	23		4	3-156-241
315	250	3734	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	15.89	55.615	24		4	3-156-242

Rated Current [A]	Rated Voltage [VDC]	Dimension Code	Mounting	Material: Tube	Terminal Plating	Breaking Capacity	Pre-arcing I ² t typ. [kA²s]	Melting I ² t typ. [kA²s]	Power Dissipation 1.0 I _n typ. [W]		Packaging [PCS]	Order Number
350	250	3734	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	19.81	69.335	26		4	3-156-243
400	250	3734	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	27.69	96.915	31		4	3-156-244
450	250	3734	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	37.09	129.815	35		4	3-156-245
500	250	3734	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	48.1	168.35	38		4	3-156-246
600	250	3734	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	79.28	277.48	44		4	3-156-247
200	500	3852	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	3.92	16.5	36	●	3	3-156-248
250	500	3852	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	6.97	29.3	39	●	3	3-156-249
300	500	3852	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	10.9	45.8	48	●	3	3-156-250
350	500	3852	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	15.7	65.9	58	●	3	3-156-251
400	500	3852	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	22.59	94.9	68	●	3	3-156-252
450	500	3852	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	27.88	117.2	76	●	3	3-156-253
500	500	3852	Bolt-on A	Ceramics	Copper alloy, tin-plated	1)	52.07	154.9	82	●	3	3-156-254
125	500	3852	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	1	4.43	16		3	3-156-263
150	500	3852	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	1.525	7.32	20		3	3-156-264
200	500	3852	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	3.02	16.5	36		3	3-156-265
250	500	3852	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	6.07	29.3	39		3	3-156-266
300	500	3852	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	10.9	45.8	48		3	3-156-267
350	500	3852	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	15.7	65.9	58		3	3-156-268
400	500	3852	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	22.59	94.9	68		3	3-156-269
450	500	3852	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	27.88	117.2	76		3	3-156-270
500	500	3852	Bolt-on B	Ceramics	Copper alloy, tin-plated	1)	36.88	154.9	82		3	3-156-271
250	1000	5074	Bolt-on A	Ceramics	Copper Alloy	3)	11.501	39.94	43		3	3-156-285
300	1000	5074	Bolt-on A	Ceramics	Copper Alloy	3)	15.363	53.15	54		3	3-156-286
350	1000	5074	Bolt-on A	Ceramics	Copper Alloy	3)	25.005	85.88	67		3	3-156-287
400	1000	5074	Bolt-on A	Ceramics	Copper Alloy	3)	37.358	127.4	79		3	3-156-288
450	1000	5074	Bolt-on A	Ceramics	Copper Alloy	3)	52.598	178.17	95		3	3-156-289
500	1000	5074	Bolt-on A	Ceramics	Copper Alloy	3)	70.897	238.55	108		3	3-156-290
100	500	3153	Bolt-on A	Resin	Copper alloy, tin-plated	1)	3.1	9.3	16		70	3-156-291
125	500	3153	Bolt-on A	Resin	Copper alloy, tin-plated	1)	4.5	14.4	18		70	3-156-292
150	500	3153	Bolt-on A	Resin	Copper alloy, tin-plated	1)	6.3	20.6	22		70	3-156-293
200	500	3153	Bolt-on A	Resin	Copper alloy, tin-plated	1)	11.1	35.2	25		70	3-156-294
250	500	3153	Bolt-on A	Resin	Copper alloy, tin-plated	1)	17.2	57.3	30		70	3-156-295
300	500	3153	Bolt-on A	Resin	Copper alloy, tin-plated	1)	24.2	81.1	44		70	3-156-296
350	500	3153	Bolt-on A	Resin	Copper alloy, tin-plated	1)	32.5	106.4	52		70	3-156-297
400	500	3153	Bolt-on A	Resin	Copper alloy, tin-plated	1)	42.3	140.2	68		70	3-156-298
100	500	3153	Bolt-on B	Resin	Copper alloy, tin-plated	1)	3.1	9.3	16		70	3-156-301
125	500	3153	Bolt-on B	Resin	Copper alloy, tin-plated	1)	4.5	14.4	18		70	3-156-302

Rated Current [A]	Rated Voltage [VDC]	Dimension Code	Mounting	Material: Tube	Terminal Plating	Breaking Capacity	Pre-arcing I ² t typ. [kA²s]	Melting I ² t typ. [kA²s]	Power Dissipation 1.0 I _n typ. [W]		Packaging [PCS]	Order Number
150	500	3153	Bolt-on B	Resin	Copper alloy, tin-plated	1)	6.3	20.6	22		70	3-156-303
200	500	3153	Bolt-on B	Resin	Copper alloy, tin-plated	1)	11.1	35.2	25		70	3-156-304
250	500	3153	Bolt-on B	Resin	Copper alloy, tin-plated	1)	17.2	57.3	30		70	3-156-305
300	500	3153	Bolt-on B	Resin	Copper alloy, tin-plated	1)	24.2	81.1	44		70	3-156-306
350	500	3153	Bolt-on B	Resin	Copper alloy, tin-plated	1)	32.5	106.4	52		70	3-156-307
400	500	3153	Bolt-on B	Resin	Copper alloy, tin-plated	1)	42.3	140.2	68		70	3-156-308
200	500	3853	Bolt-on A	Resin	Copper alloy, tin-plated	1)	11.8	35.5	36		3	3-156-311
250	500	3853	Bolt-on A	Resin	Copper alloy, tin-plated	1)	18.4	55.6	39		3	3-156-312
300	500	3853	Bolt-on A	Resin	Copper alloy, tin-plated	1)	26.5	79.3	48		3	3-156-313
350	500	3853	Bolt-on A	Resin	Copper alloy, tin-plated	1)	36.1	108.1	58		3	3-156-314
400	500	3853	Bolt-on A	Resin	Copper alloy, tin-plated	1)	47.1	141.4	63		3	3-156-315
450	500	3853	Bolt-on A	Resin	Copper alloy, tin-plated	1)	59.6	158.9	68		3	3-156-316
500	500	3853	Bolt-on A	Resin	Copper alloy, tin-plated	1)	73.6	178.7	73		3	3-156-317
550	500	3853	Bolt-on A	Resin	Copper alloy, tin-plated	1)	89.1	208.6	87		3	3-156-318
630	500	3853	Bolt-on A	Resin	Copper alloy, tin-plated	1)	116.9	233.3	105		3	3-156-319
700	500	3853	Bolt-on A	Resin	Copper alloy, tin-plated	1)	144.3	253.4	118		3	3-156-320
200	500	3853	Bolt-on B	Resin	Copper alloy, tin-plated	1)	11.8	35.5	36		3	3-156-329
225	500	3853	Bolt-on B	Resin	Copper alloy, tin-plated	1)	14.9	44.7	37		3	3-156-330
250	500	3853	Bolt-on B	Resin	Copper alloy, tin-plated	1)	18.4	55.6	39		3	3-156-331
300	500	3853	Bolt-on B	Resin	Copper alloy, tin-plated	1)	26.5	79.3	48		3	3-156-332
350	500	3853	Bolt-on B	Resin	Copper alloy, tin-plated	1)	36.1	108.1	58		3	3-156-333
400	500	3853	Bolt-on B	Resin	Copper alloy, tin-plated	1)	47.1	141.4	63		3	3-156-334
450	500	3853	Bolt-on B	Resin	Copper alloy, tin-plated	1)	59.6	158.9	68		3	3-156-335
500	500	3853	Bolt-on B	Resin	Copper alloy, tin-plated	1)	73.6	178.7	73		3	3-156-336
550	500	3853	Bolt-on B	Resin	Copper alloy, tin-plated	1)	89.1	208.6	87		3	3-156-337
600	500	3853	Bolt-on B	Resin	Copper alloy, tin-plated	1)	105.5	213	99		3	3-156-338
630	500	3853	Bolt-on B	Resin	Copper alloy, tin-plated	1)	116.9	233.3	105		3	3-156-339
700	500	3853	Bolt-on B	Resin	Copper alloy, tin-plated	1)	144.3	253.4	118		3	3-156-340
200	500	3853	Bolt-on C	Resin	Copper alloy, tin-plated	1)	11.8	35.5	36		3	3-156-350
225	500	3853	Bolt-on C	Resin	Copper alloy, tin-plated	1)	14.9	44.7	37		3	3-156-351
250	500	3853	Bolt-on C	Resin	Copper alloy, tin-plated	1)	18.4	55.6	39		3	3-156-352
300	500	3853	Bolt-on C	Resin	Copper alloy, tin-plated	1)	26.5	79.3	48		3	3-156-353
350	500	3853	Bolt-on C	Resin	Copper alloy, tin-plated	1)	36.1	108.1	58		3	3-156-354
400	500	3853	Bolt-on C	Resin	Copper alloy, tin-plated	1)	47.1	141.4	63		3	3-156-355
450	500	3853	Bolt-on C	Resin	Copper alloy, tin-plated	1)	59.6	158.9	68		3	3-156-356
500	500	3853	Bolt-on C	Resin	Copper alloy, tin-plated	1)	73.6	178.7	73		3	3-156-357

Rated Current [A]	Rated Voltage [VDC]	Dimension Code	Mounting	Material: Tube	Terminal Plating	Breaking Capacity	Pre-arcing I ² t typ. [kA²s]	Melting I ² t typ. [kA²s]	Power Dissipation 1.0 I _n typ. [W]	 Packaging [PCS]	Order Number
550	500	3853	Bolt-on C	Resin	Copper alloy, tin-plated	1)	89.1	208.6	87	3	3-156-358
600	500	3853	Bolt-on C	Resin	Copper alloy, tin-plated	1)	105.5	213	99	3	3-156-359
630	500	3853	Bolt-on C	Resin	Copper alloy, tin-plated	1)	116.9	233.3	105	3	3-156-360
700	500	3853	Bolt-on C	Resin	Copper alloy, tin-plated	1)	144.3	253.4	118	3	3-156-361
200	500	3853	Bolt-on D	Resin	Copper alloy, tin-plated	1)	11.8	35.5	36	3	3-156-371
225	500	3853	Bolt-on D	Resin	Copper alloy, tin-plated	1)	14.9	44.7	37	3	3-156-372
250	500	3853	Bolt-on D	Resin	Copper alloy, tin-plated	1)	18.4	55.6	39	3	3-156-373
300	500	3853	Bolt-on D	Resin	Copper alloy, tin-plated	1)	26.5	79.3	48	3	3-156-374
350	500	3853	Bolt-on D	Resin	Copper alloy, tin-plated	1)	36.1	108.1	58	3	3-156-375
400	500	3853	Bolt-on D	Resin	Copper alloy, tin-plated	1)	47.1	141.4	63	3	3-156-376
450	500	3853	Bolt-on D	Resin	Copper alloy, tin-plated	1)	59.6	158.9	68	3	3-156-377
500	500	3853	Bolt-on D	Resin	Copper alloy, tin-plated	1)	73.6	178.7	73	3	3-156-378
550	500	3853	Bolt-on D	Resin	Copper alloy, tin-plated	1)	89.1	208.6	87	3	3-156-379
600	500	3853	Bolt-on D	Resin	Copper alloy, tin-plated	1)	105.5	213	99	3	3-156-380
630	500	3853	Bolt-on D	Resin	Copper alloy, tin-plated	1)	116.9	233.3	105	3	3-156-381
700	500	3853	Bolt-on D	Resin	Copper alloy, tin-plated	1)	144.3	253.4	118	3	3-156-382
250	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	17.68	61.88	31	1	3-156-388
275	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	19.86	69.51	33	1	3-156-389
300	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	29.1	101.85	37	1	3-156-390
315	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	30.1	115.35	38	1	3-156-391
350	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	43.89	153.615	44	1	3-156-392
400	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	62.32	218.12	50	1	3-156-393
450	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	72.98	255.43	62	1	3-156-394
500	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	97.35	340.725	68	1	3-156-395
550	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	121.35	424.75	70	1	3-156-396
600	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	167.8	587.3	78	1	3-156-397
630	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	177.6	621.6	79	1	3-156-398
700	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	240.2	840.7	91	1	3-156-399
750	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	280.8	982.8	94	1	3-156-400
800	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	371.8	1301.3	99	1	3-156-401
850	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	401.7	1405.95	106	1	3-156-402
900	750	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	541	1893.5	108	1	3-156-403
250	1000	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	24.9	77.7	27	1	3-156-404
300	1000	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	27	84.3	32	1	3-156-405
325	1000	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	29.7	92.7	35	1	3-156-406
350	1000	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	42.9	134	38	1	3-156-407

Rated Current [A]	Rated Voltage [VDC]	Dimension Code	Mounting	Material: Tube	Terminal Plating	Breaking Capacity	Pre-arcing I ² t typ. [kA²s]	Melting I ² t typ. [kA²s]	Power Dissipation 1.0 I _n typ. [W]		Packaging [PCS]	Order Number
400	1000	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	66.3	207	43		1	3-156-408
450	1000	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	70.6	220.7	48		1	3-156-409
500	1000	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	96.7	302.1	54		1	3-156-410
550	1000	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	112.4	351.3	59		1	3-156-411
600	1000	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	123.2	385	64		1	3-156-412
650	1000	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	133.9	418.5	70		1	3-156-413
700	1000	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	144.3	451	75		1	3-156-414
800	1000	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	219.7	686.6	85		1	3-156-415
900	1000	5072	Bolt-on A	Resin	Copper alloy, tin-plated	4)	281.6	880.1	96		1	3-156-416

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

Breaking Capacity

- 1) 20 kA, L/R 2 ms
- 2) 25 kA, L/R 2 ms
- 3) 30 kA, L/R 5 ms
- 4) 50 kA, L/R 10 ms

Measurement Parameters: Pre-Arcing and Melting

250 VDC: I²t [kA²s] @20 kA

500 VDC: I²t [kA²s] @20 kA

500 VDC Dimension 50 x 53: I²t [kA²s] @50 kA

750 VDC: I²t [kA²s] @20 kA

750 VDC Dimension 50 x 72: I²t [kA²s] @50 kA

1000 VDC Dimension 62 x 72: I²t [kA²s] @25 kA

1000 VDC Dimension 50 x 74: I²t [kA²s] @30 kA

1000 VDC Dimension 50 x 72: I²t [kA²s] @50 kA