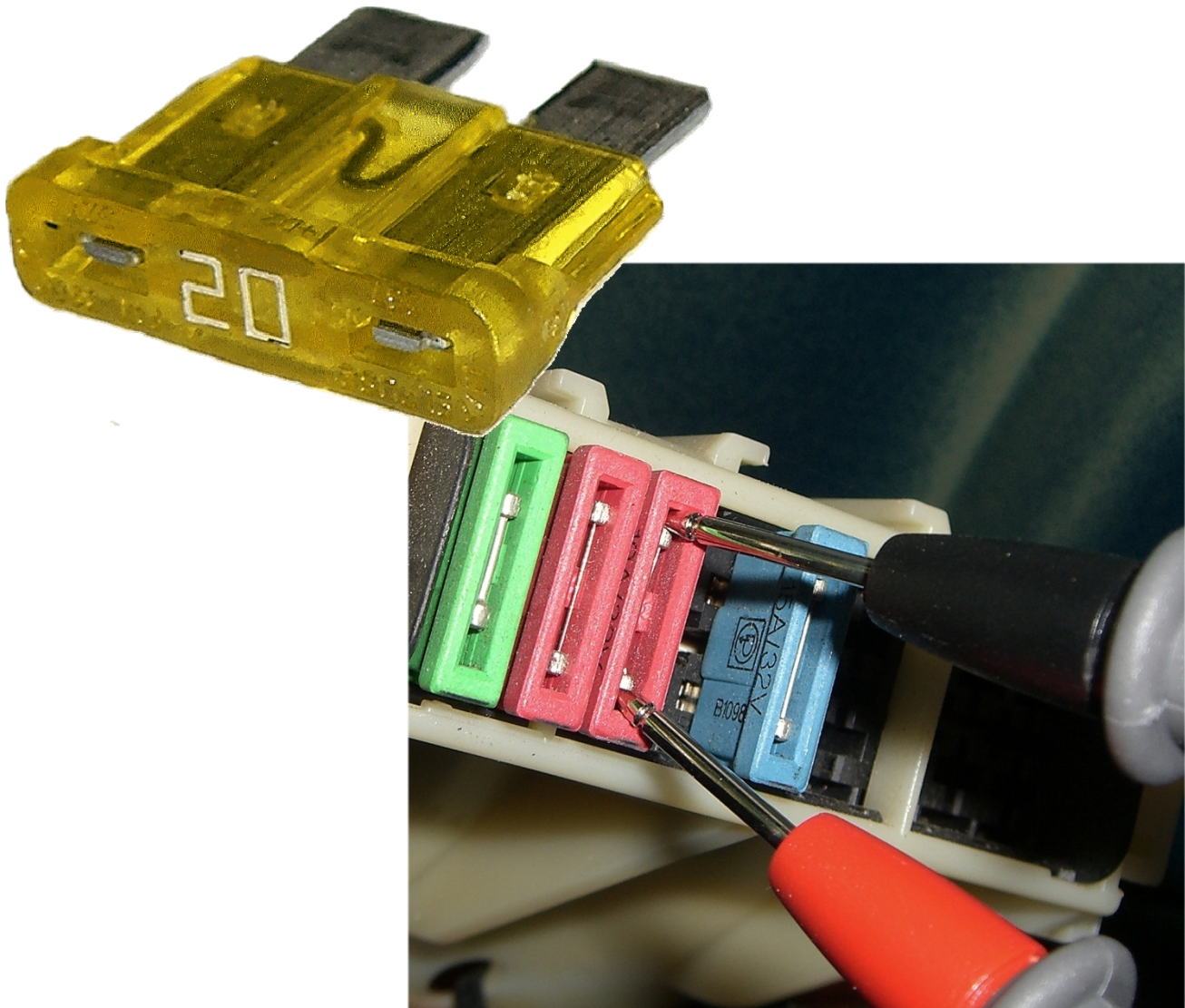


# Spannungsabfall an Flachsicherungen

# 20A



Mit einer „Spannungsabfall-Messung“ an der Sicherung kann der Stromfluß im entsprechenden Stromkreis über die Sicherung annähernd bestimmt werden, sofern der Widerstandswert der Sicherung bekannt ist.

Bsp.: Littelfuse 20 A (3,38 mOhm)

Flachsicherung 20A / 0,00338Ohm

mV	mA	mV	mA	mV	mA	mV	mA	mV	mA
0	0	1,69	500	3,38	1000	5,07	1500	6,76	2000
0,0338	10	1,7238	510	3,4138	1010	5,1038	1510	6,7938	2010
0,0676	20	1,7576	520	3,4476	1020	5,1376	1520	6,8276	2020
0,1014	30	1,7914	530	3,4814	1030	5,1714	1530	6,8614	2030
0,1352	40	1,8252	540	3,5152	1040	5,2052	1540	6,8952	2040
0,169	50	1,859	550	3,549	1050	5,239	1550	6,929	2050
0,2028	60	1,8928	560	3,5828	1060	5,2728	1560	6,9628	2060
0,2366	70	1,9266	570	3,6166	1070	5,3066	1570	6,9966	2070
0,2704	80	1,9604	580	3,6504	1080	5,3404	1580	7,0304	2080
0,3042	90	1,9942	590	3,6842	1090	5,3742	1590	7,0642	2090
0,338	100	2,028	600	3,718	1100	5,408	1600	7,098	2100
0,3718	110	2,0618	610	3,7518	1110	5,4418	1610	7,1318	2110
0,4056	120	2,0956	620	3,7856	1120	5,4756	1620	7,1656	2120
0,4394	130	2,1294	630	3,8194	1130	5,5094	1630	7,1994	2130
0,4732	140	2,1632	640	3,8532	1140	5,5432	1640	7,2332	2140
0,507	150	2,197	650	3,887	1150	5,577	1650	7,267	2150
0,5408	160	2,2308	660	3,9208	1160	5,6108	1660	7,3008	2160
0,5746	170	2,2646	670	3,9546	1170	5,6446	1670	7,3346	2170
0,6084	180	2,2984	680	3,9884	1180	5,6784	1680	7,3684	2180
0,6422	190	2,3322	690	4,0222	1190	5,7122	1690	7,4022	2190
0,676	200	2,366	700	4,056	1200	5,746	1700	7,436	2200
0,7098	210	2,3998	710	4,0898	1210	5,7798	1710	7,4698	2210
0,7436	220	2,4336	720	4,1236	1220	5,8136	1720	7,5036	2220
0,7774	230	2,4674	730	4,1574	1230	5,8474	1730	7,5374	2230
0,8112	240	2,5012	740	4,1912	1240	5,8812	1740	7,5712	2240
0,845	250	2,535	750	4,225	1250	5,915	1750	7,605	2250
0,8788	260	2,5688	760	4,2588	1260	5,9488	1760	7,6388	2260
0,9126	270	2,6026	770	4,2926	1270	5,9826	1770	7,6726	2270
0,9464	280	2,6364	780	4,3264	1280	6,0164	1780	7,7064	2280
0,9802	290	2,6702	790	4,3602	1290	6,0502	1790	7,7402	2290
1,014	300	2,704	800	4,394	1300	6,084	1800	7,774	2300
1,0478	310	2,7378	810	4,4278	1310	6,1178	1810	7,8078	2310
1,0816	320	2,7716	820	4,4616	1320	6,1516	1820	7,8416	2320
1,1154	330	2,8054	830	4,4954	1330	6,1854	1830	7,8754	2330
1,1492	340	2,8392	840	4,5292	1340	6,2192	1840	7,9092	2340
1,183	350	2,873	850	4,563	1350	6,253	1850	7,943	2350
1,2168	360	2,9068	860	4,5968	1360	6,2868	1860	7,9768	2360
1,2506	370	2,9406	870	4,6306	1370	6,3206	1870	8,0106	2370
1,2844	380	2,9744	880	4,6644	1380	6,3544	1880	8,0444	2380
1,3182	390	3,0082	890	4,6982	1390	6,3882	1890	8,0782	2390
1,352	400	3,042	900	4,732	1400	6,422	1900	8,112	2400
1,3858	410	3,0758	910	4,7658	1410	6,4558	1910	8,1458	2410
1,4196	420	3,1096	920	4,7996	1420	6,4896	1920	8,1796	2420
1,4534	430	3,1434	930	4,8334	1430	6,5234	1930	8,2134	2430
1,4872	440	3,1772	940	4,8672	1440	6,5572	1940	8,2472	2440
1,521	450	3,211	950	4,901	1450	6,591	1950	8,281	2450
1,5548	460	3,2448	960	4,9348	1460	6,6248	1960	8,3148	2460
1,5886	470	3,2786	970	4,9686	1470	6,6586	1970	8,3486	2470
1,6224	480	3,3124	980	5,0024	1480	6,6924	1980	8,3824	2480
1,6562	490	3,3462	990	5,0362	1490	6,7262	1990	8,4162	2490

Flachsicherung 20A / 0,00338Ohm

mV	mA	mV	mA	mV	mA	mV	mA	mV	mA
8,45	2500	10,14	3000	11,83	3500	13,52	4000	15,21	4500
8,4838	2510	10,1738	3010	11,8638	3510	13,5538	4010	15,2438	4510
8,5176	2520	10,2076	3020	11,8976	3520	13,5876	4020	15,2776	4520
8,5514	2530	10,2414	3030	11,9314	3530	13,6214	4030	15,3114	4530
8,5852	2540	10,2752	3040	11,9652	3540	13,6552	4040	15,3452	4540
8,619	2550	10,309	3050	11,999	3550	13,689	4050	15,379	4550
8,6528	2560	10,3428	3060	12,0328	3560	13,7228	4060	15,4128	4560
8,6866	2570	10,3766	3070	12,0666	3570	13,7566	4070	15,4466	4570
8,7204	2580	10,4104	3080	12,1004	3580	13,7904	4080	15,4804	4580
8,7542	2590	10,4442	3090	12,1342	3590	13,8242	4090	15,5142	4590
8,788	2600	10,478	3100	12,168	3600	13,858	4100	15,548	4600
8,8218	2610	10,5118	3110	12,2018	3610	13,8918	4110	15,5818	4610
8,8556	2620	10,5456	3120	12,2356	3620	13,9256	4120	15,6156	4620
8,8894	2630	10,5794	3130	12,2694	3630	13,9594	4130	15,6494	4630
8,9232	2640	10,6132	3140	12,3032	3640	13,9932	4140	15,6832	4640
8,957	2650	10,647	3150	12,337	3650	14,027	4150	15,717	4650
8,9908	2660	10,6808	3160	12,3708	3660	14,0608	4160	15,7508	4660
9,0246	2670	10,7146	3170	12,4046	3670	14,0946	4170	15,7846	4670
9,0584	2680	10,7484	3180	12,4384	3680	14,1284	4180	15,8184	4680
9,0922	2690	10,7822	3190	12,4722	3690	14,1622	4190	15,8522	4690
9,126	2700	10,816	3200	12,506	3700	14,196	4200	15,886	4700
9,1598	2710	10,8498	3210	12,5398	3710	14,2298	4210	15,9198	4710
9,1936	2720	10,8836	3220	12,5736	3720	14,2636	4220	15,9536	4720
9,2274	2730	10,9174	3230	12,6074	3730	14,2974	4230	15,9874	4730
9,2612	2740	10,9512	3240	12,6412	3740	14,3312	4240	16,0212	4740
9,295	2750	10,985	3250	12,675	3750	14,365	4250	16,055	4750
9,3288	2760	11,0188	3260	12,7088	3760	14,3988	4260	16,0888	4760
9,3626	2770	11,0526	3270	12,7426	3770	14,4326	4270	16,1226	4770
9,3964	2780	11,0864	3280	12,7764	3780	14,4664	4280	16,1564	4780
9,4302	2790	11,1202	3290	12,8102	3790	14,5002	4290	16,1902	4790
9,464	2800	11,154	3300	12,844	3800	14,534	4300	16,224	4800
9,4978	2810	11,1878	3310	12,8778	3810	14,5678	4310	16,2578	4810
9,5316	2820	11,2216	3320	12,9116	3820	14,6016	4320	16,2916	4820
9,5654	2830	11,2554	3330	12,9454	3830	14,6354	4330	16,3254	4830
9,5992	2840	11,2892	3340	12,9792	3840	14,6692	4340	16,3592	4840
9,633	2850	11,323	3350	13,013	3850	14,703	4350	16,393	4850
9,6668	2860	11,3568	3360	13,0468	3860	14,7368	4360	16,4268	4860
9,7006	2870	11,3906	3370	13,0806	3870	14,7706	4370	16,4606	4870
9,7344	2880	11,4244	3380	13,1144	3880	14,8044	4380	16,4944	4880
9,7682	2890	11,4582	3390	13,1482	3890	14,8382	4390	16,5282	4890
9,802	2900	11,492	3400	13,182	3900	14,872	4400	16,562	4900
9,8358	2910	11,5258	3410	13,2158	3910	14,9058	4410	16,5958	4910
9,8696	2920	11,5596	3420	13,2496	3920	14,9396	4420	16,6296	4920
9,9034	2930	11,5934	3430	13,2834	3930	14,9734	4430	16,6634	4930
9,9372	2940	11,6272	3440	13,3172	3940	15,0072	4440	16,6972	4940
9,971	2950	11,661	3450	13,351	3950	15,041	4450	16,731	4950
10,0048	2960	11,6948	3460	13,3848	3960	15,0748	4460	16,7648	4960
10,0386	2970	11,7286	3470	13,4186	3970	15,1086	4470	16,7986	4970
10,0724	2980	11,7624	3480	13,4524	3980	15,1424	4480	16,8324	4980
10,1062	2990	11,7962	3490	13,4862	3990	15,1762	4490	16,8662	4990

Flachsicherung 20A / 0,00338Ohm

mV	mA	mV	mA	mV	mA	mV	mA	mV	mA
16,9	5000	18,59	5500	20,28	6000	21,97	6500	23,66	7000
16,9338	5010	18,6238	5510	20,3138	6010	22,0038	6510	23,6938	7010
16,9676	5020	18,6576	5520	20,3476	6020	22,0376	6520	23,7276	7020
17,0014	5030	18,6914	5530	20,3814	6030	22,0714	6530	23,7614	7030
17,0352	5040	18,7252	5540	20,4152	6040	22,1052	6540	23,7952	7040
17,069	5050	18,759	5550	20,449	6050	22,139	6550	23,829	7050
17,1028	5060	18,7928	5560	20,4828	6060	22,1728	6560	23,8628	7060
17,1366	5070	18,8266	5570	20,5166	6070	22,2066	6570	23,8966	7070
17,1704	5080	18,8604	5580	20,5504	6080	22,2404	6580	23,9304	7080
17,2042	5090	18,8942	5590	20,5842	6090	22,2742	6590	23,9642	7090
17,238	5100	18,928	5600	20,618	6100	22,308	6600	23,998	7100
17,2718	5110	18,9618	5610	20,6518	6110	22,3418	6610	24,0318	7110
17,3056	5120	18,9956	5620	20,6856	6120	22,3756	6620	24,0656	7120
17,3394	5130	19,0294	5630	20,7194	6130	22,4094	6630	24,0994	7130
17,3732	5140	19,0632	5640	20,7532	6140	22,4432	6640	24,1332	7140
17,407	5150	19,097	5650	20,787	6150	22,477	6650	24,167	7150
17,4408	5160	19,1308	5660	20,8208	6160	22,5108	6660	24,2008	7160
17,4746	5170	19,1646	5670	20,8546	6170	22,5446	6670	24,2346	7170
17,5084	5180	19,1984	5680	20,8884	6180	22,5784	6680	24,2684	7180
17,5422	5190	19,2322	5690	20,9222	6190	22,6122	6690	24,3022	7190
17,576	5200	19,266	5700	20,956	6200	22,646	6700	24,336	7200
17,6098	5210	19,2998	5710	20,9898	6210	22,6798	6710	24,3698	7210
17,6436	5220	19,3336	5720	21,0236	6220	22,7136	6720	24,4036	7220
17,6774	5230	19,3674	5730	21,0574	6230	22,7474	6730	24,4374	7230
17,7112	5240	19,4012	5740	21,0912	6240	22,7812	6740	24,4712	7240
17,745	5250	19,435	5750	21,125	6250	22,815	6750	24,505	7250
17,7788	5260	19,4688	5760	21,1588	6260	22,8488	6760	24,5388	7260
17,8126	5270	19,5026	5770	21,1926	6270	22,8826	6770	24,5726	7270
17,8464	5280	19,5364	5780	21,2264	6280	22,9164	6780	24,6064	7280
17,8802	5290	19,5702	5790	21,2602	6290	22,9502	6790	24,6402	7290
17,914	5300	19,604	5800	21,294	6300	22,984	6800	24,674	7300
17,9478	5310	19,6378	5810	21,3278	6310	23,0178	6810	24,7078	7310
17,9816	5320	19,6716	5820	21,3616	6320	23,0516	6820	24,7416	7320
18,0154	5330	19,7054	5830	21,3954	6330	23,0854	6830	24,7754	7330
18,0492	5340	19,7392	5840	21,4292	6340	23,1192	6840	24,8092	7340
18,083	5350	19,773	5850	21,463	6350	23,153	6850	24,843	7350
18,1168	5360	19,8068	5860	21,4968	6360	23,1868	6860	24,8768	7360
18,1506	5370	19,8406	5870	21,5306	6370	23,2206	6870	24,9106	7370
18,1844	5380	19,8744	5880	21,5644	6380	23,2544	6880	24,9444	7380
18,2182	5390	19,9082	5890	21,5982	6390	23,2882	6890	24,9782	7390
18,252	5400	19,942	5900	21,632	6400	23,322	6900	25,012	7400
18,2858	5410	19,9758	5910	21,6658	6410	23,3558	6910	25,0458	7410
18,3196	5420	20,0096	5920	21,6996	6420	23,3896	6920	25,0796	7420
18,3534	5430	20,0434	5930	21,7334	6430	23,4234	6930	25,1134	7430
18,3872	5440	20,0772	5940	21,7672	6440	23,4572	6940	25,1472	7440
18,421	5450	20,111	5950	21,801	6450	23,491	6950	25,181	7450
18,4548	5460	20,1448	5960	21,8348	6460	23,5248	6960	25,2148	7460
18,4886	5470	20,1786	5970	21,8686	6470	23,5586	6970	25,2486	7470
18,5224	5480	20,2124	5980	21,9024	6480	23,5924	6980	25,2824	7480
18,5562	5490	20,2462	5990	21,9362	6490	23,6262	6990	25,3162	7490

Flachsicherung 20A / 0,00338Ohm

mV	mA	mV	mA	mV	mA	mV	mA	mV	mA
25,35	7500	27,04	8000	28,73	8500	30,42	9000	32,11	9500
25,3838	7510	27,0738	8010	28,7638	8510	30,4538	9010	32,1438	9510
25,4176	7520	27,1076	8020	28,7976	8520	30,4876	9020	32,1776	9520
25,4514	7530	27,1414	8030	28,8314	8530	30,5214	9030	32,2114	9530
25,4852	7540	27,1752	8040	28,8652	8540	30,5552	9040	32,2452	9540
25,519	7550	27,209	8050	28,899	8550	30,589	9050	32,279	9550
25,5528	7560	27,2428	8060	28,9328	8560	30,6228	9060	32,3128	9560
25,5866	7570	27,2766	8070	28,9666	8570	30,6566	9070	32,3466	9570
25,6204	7580	27,3104	8080	29,0004	8580	30,6904	9080	32,3804	9580
25,6542	7590	27,3442	8090	29,0342	8590	30,7242	9090	32,4142	9590
25,688	7600	27,378	8100	29,068	8600	30,758	9100	32,448	9600
25,7218	7610	27,4118	8110	29,1018	8610	30,7918	9110	32,4818	9610
25,7556	7620	27,4456	8120	29,1356	8620	30,8256	9120	32,5156	9620
25,7894	7630	27,4794	8130	29,1694	8630	30,8594	9130	32,5494	9630
25,8232	7640	27,5132	8140	29,2032	8640	30,8932	9140	32,5832	9640
25,857	7650	27,547	8150	29,237	8650	30,927	9150	32,617	9650
25,8908	7660	27,5808	8160	29,2708	8660	30,9608	9160	32,6508	9660
25,9246	7670	27,6146	8170	29,3046	8670	30,9946	9170	32,6846	9670
25,9584	7680	27,6484	8180	29,3384	8680	31,0284	9180	32,7184	9680
25,9922	7690	27,6822	8190	29,3722	8690	31,0622	9190	32,7522	9690
26,026	7700	27,716	8200	29,406	8700	31,096	9200	32,786	9700
26,0598	7710	27,7498	8210	29,4398	8710	31,1298	9210	32,8198	9710
26,0936	7720	27,7836	8220	29,4736	8720	31,1636	9220	32,8536	9720
26,1274	7730	27,8174	8230	29,5074	8730	31,1974	9230	32,8874	9730
26,1612	7740	27,8512	8240	29,5412	8740	31,2312	9240	32,9212	9740
26,195	7750	27,885	8250	29,575	8750	31,265	9250	32,955	9750
26,2288	7760	27,9188	8260	29,6088	8760	31,2988	9260	32,9888	9760
26,2626	7770	27,9526	8270	29,6426	8770	31,3326	9270	33,0226	9770
26,2964	7780	27,9864	8280	29,6764	8780	31,3664	9280	33,0564	9780
26,3302	7790	28,0202	8290	29,7102	8790	31,4002	9290	33,0902	9790
26,364	7800	28,054	8300	29,744	8800	31,434	9300	33,124	9800
26,3978	7810	28,0878	8310	29,7778	8810	31,4678	9310	33,1578	9810
26,4316	7820	28,1216	8320	29,8116	8820	31,5016	9320	33,1916	9820
26,4654	7830	28,1554	8330	29,8454	8830	31,5354	9330	33,2254	9830
26,4992	7840	28,1892	8340	29,8792	8840	31,5692	9340	33,2592	9840
26,533	7850	28,223	8350	29,913	8850	31,603	9350	33,293	9850
26,5668	7860	28,2568	8360	29,9468	8860	31,6368	9360	33,3268	9860
26,6006	7870	28,2906	8370	29,9806	8870	31,6706	9370	33,3606	9870
26,6344	7880	28,3244	8380	30,0144	8880	31,7044	9380	33,3944	9880
26,6682	7890	28,3582	8390	30,0482	8890	31,7382	9390	33,4282	9890
26,702	7900	28,392	8400	30,082	8900	31,772	9400	33,462	9900
26,7358	7910	28,4258	8410	30,1158	8910	31,8058	9410	33,4958	9910
26,7696	7920	28,4596	8420	30,1496	8920	31,8396	9420	33,5296	9920
26,8034	7930	28,4934	8430	30,1834	8930	31,8734	9430	33,5634	9930
26,8372	7940	28,5272	8440	30,2172	8940	31,9072	9440	33,5972	9940
26,871	7950	28,561	8450	30,251	8950	31,941	9450	33,631	9950
26,9048	7960	28,5948	8460	30,2848	8960	31,9748	9460	33,6648	9960
26,9386	7970	28,6286	8470	30,3186	8970	32,0086	9470	33,6986	9970
26,9724	7980	28,6624	8480	30,3524	8980	32,0424	9480	33,7324	9980
27,0062	7990	28,6962	8490	30,3862	8990	32,0762	9490	33,7662	9990

Flachsicherung 20A / 0,00338Ohm

mV	mA	mV	mA	mV	mA	mV	mA	mV	mA
33,8	10000	35,49	10500	37,18	11000	38,87	11500	40,56	12000
33,8338	10010	35,5238	10510	37,2138	11010	38,9038	11510	40,5938	12010
33,8676	10020	35,5576	10520	37,2476	11020	38,9376	11520	40,6276	12020
33,9014	10030	35,5914	10530	37,2814	11030	38,9714	11530	40,6614	12030
33,9352	10040	35,6252	10540	37,3152	11040	39,0052	11540	40,6952	12040
33,969	10050	35,659	10550	37,349	11050	39,039	11550	40,729	12050
34,0028	10060	35,6928	10560	37,3828	11060	39,0728	11560	40,7628	12060
34,0366	10070	35,7266	10570	37,4166	11070	39,1066	11570	40,7966	12070
34,0704	10080	35,7604	10580	37,4504	11080	39,1404	11580	40,8304	12080
34,1042	10090	35,7942	10590	37,4842	11090	39,1742	11590	40,8642	12090
34,138	10100	35,828	10600	37,518	11100	39,208	11600	40,898	12100
34,1718	10110	35,8618	10610	37,5518	11110	39,2418	11610	40,9318	12110
34,2056	10120	35,8956	10620	37,5856	11120	39,2756	11620	40,9656	12120
34,2394	10130	35,9294	10630	37,6194	11130	39,3094	11630	40,9994	12130
34,2732	10140	35,9632	10640	37,6532	11140	39,3432	11640	41,0332	12140
34,307	10150	35,997	10650	37,687	11150	39,377	11650	41,067	12150
34,3408	10160	36,0308	10660	37,7208	11160	39,4108	11660	41,1008	12160
34,3746	10170	36,0646	10670	37,7546	11170	39,4446	11670	41,1346	12170
34,4084	10180	36,0984	10680	37,7884	11180	39,4784	11680	41,1684	12180
34,4422	10190	36,1322	10690	37,8222	11190	39,5122	11690	41,2022	12190
34,476	10200	36,166	10700	37,856	11200	39,546	11700	41,236	12200
34,5098	10210	36,1998	10710	37,8898	11210	39,5798	11710	41,2698	12210
34,5436	10220	36,2336	10720	37,9236	11220	39,6136	11720	41,3036	12220
34,5774	10230	36,2674	10730	37,9574	11230	39,6474	11730	41,3374	12230
34,6112	10240	36,3012	10740	37,9912	11240	39,6812	11740	41,3712	12240
34,645	10250	36,335	10750	38,025	11250	39,715	11750	41,405	12250
34,6788	10260	36,3688	10760	38,0588	11260	39,7488	11760	41,4388	12260
34,7126	10270	36,4026	10770	38,0926	11270	39,7826	11770	41,4726	12270
34,7464	10280	36,4364	10780	38,1264	11280	39,8164	11780	41,5064	12280
34,7802	10290	36,4702	10790	38,1602	11290	39,8502	11790	41,5402	12290
34,814	10300	36,504	10800	38,194	11300	39,884	11800	41,574	12300
34,8478	10310	36,5378	10810	38,2278	11310	39,9178	11810	41,6078	12310
34,8816	10320	36,5716	10820	38,2616	11320	39,9516	11820	41,6416	12320
34,9154	10330	36,6054	10830	38,2954	11330	39,9854	11830	41,6754	12330
34,9492	10340	36,6392	10840	38,3292	11340	40,0192	11840	41,7092	12340
34,983	10350	36,673	10850	38,363	11350	40,053	11850	41,743	12350
35,0168	10360	36,7068	10860	38,3968	11360	40,0868	11860	41,7768	12360
35,0506	10370	36,7406	10870	38,4306	11370	40,1206	11870	41,8106	12370
35,0844	10380	36,7744	10880	38,4644	11380	40,1544	11880	41,8444	12380
35,1182	10390	36,8082	10890	38,4982	11390	40,1882	11890	41,8782	12390
35,152	10400	36,842	10900	38,532	11400	40,222	11900	41,912	12400
35,1858	10410	36,8758	10910	38,5658	11410	40,2558	11910	41,9458	12410
35,2196	10420	36,9096	10920	38,5996	11420	40,2896	11920	41,9796	12420
35,2534	10430	36,9434	10930	38,6334	11430	40,3234	11930	42,0134	12430
35,2872	10440	36,9772	10940	38,6672	11440	40,3572	11940	42,0472	12440
35,321	10450	37,011	10950	38,701	11450	40,391	11950	42,081	12450
35,3548	10460	37,0448	10960	38,7348	11460	40,4248	11960	42,1148	12460
35,3886	10470	37,0786	10970	38,7686	11470	40,4586	11970	42,1486	12470
35,4224	10480	37,1124	10980	38,8024	11480	40,4924	11980	42,1824	12480
35,4562	10490	37,1462	10990	38,8362	11490	40,5262	11990	42,2162	12490

Flachsicherung 20A / 0,00338Ohm

mV	mA	mV	mA	mV	mA	mV	mA	mV	mA
42,25	12500	43,94	13000	45,63	13500	47,32	14000	49,01	14500
42,2838	12510	43,9738	13010	45,6638	13510	47,3538	14010	49,0438	14510
42,3176	12520	44,0076	13020	45,6976	13520	47,3876	14020	49,0776	14520
42,3514	12530	44,0414	13030	45,7314	13530	47,4214	14030	49,1114	14530
42,3852	12540	44,0752	13040	45,7652	13540	47,4552	14040	49,1452	14540
42,419	12550	44,109	13050	45,799	13550	47,489	14050	49,179	14550
42,4528	12560	44,1428	13060	45,8328	13560	47,5228	14060	49,2128	14560
42,4866	12570	44,1766	13070	45,8666	13570	47,5566	14070	49,2466	14570
42,5204	12580	44,2104	13080	45,9004	13580	47,5904	14080	49,2804	14580
42,5542	12590	44,2442	13090	45,9342	13590	47,6242	14090	49,3142	14590
42,588	12600	44,278	13100	45,968	13600	47,658	14100	49,348	14600
42,6218	12610	44,3118	13110	46,0018	13610	47,6918	14110	49,3818	14610
42,6556	12620	44,3456	13120	46,0356	13620	47,7256	14120	49,4156	14620
42,6894	12630	44,3794	13130	46,0694	13630	47,7594	14130	49,4494	14630
42,7232	12640	44,4132	13140	46,1032	13640	47,7932	14140	49,4832	14640
42,757	12650	44,447	13150	46,137	13650	47,827	14150	49,517	14650
42,7908	12660	44,4808	13160	46,1708	13660	47,8608	14160	49,5508	14660
42,8246	12670	44,5146	13170	46,2046	13670	47,8946	14170	49,5846	14670
42,8584	12680	44,5484	13180	46,2384	13680	47,9284	14180	49,6184	14680
42,8922	12690	44,5822	13190	46,2722	13690	47,9622	14190	49,6522	14690
42,926	12700	44,616	13200	46,306	13700	47,996	14200	49,686	14700
42,9598	12710	44,6498	13210	46,3398	13710	48,0298	14210	49,7198	14710
42,9936	12720	44,6836	13220	46,3736	13720	48,0636	14220	49,7536	14720
43,0274	12730	44,7174	13230	46,4074	13730	48,0974	14230	49,7874	14730
43,0612	12740	44,7512	13240	46,4412	13740	48,1312	14240	49,8212	14740
43,095	12750	44,785	13250	46,475	13750	48,165	14250	49,855	14750
43,1288	12760	44,8188	13260	46,5088	13760	48,1988	14260	49,8888	14760
43,1626	12770	44,8526	13270	46,5426	13770	48,2326	14270	49,9226	14770
43,1964	12780	44,8864	13280	46,5764	13780	48,2664	14280	49,9564	14780
43,2302	12790	44,9202	13290	46,6102	13790	48,3002	14290	49,9902	14790
43,264	12800	44,954	13300	46,644	13800	48,334	14300	50,024	14800
43,2978	12810	44,9878	13310	46,6778	13810	48,3678	14310	50,0578	14810
43,3316	12820	45,0216	13320	46,7116	13820	48,4016	14320	50,0916	14820
43,3654	12830	45,0554	13330	46,7454	13830	48,4354	14330	50,1254	14830
43,3992	12840	45,0892	13340	46,7792	13840	48,4692	14340	50,1592	14840
43,433	12850	45,123	13350	46,813	13850	48,503	14350	50,193	14850
43,4668	12860	45,1568	13360	46,8468	13860	48,5368	14360	50,2268	14860
43,5006	12870	45,1906	13370	46,8806	13870	48,5706	14370	50,2606	14870
43,5344	12880	45,2244	13380	46,9144	13880	48,6044	14380	50,2944	14880
43,5682	12890	45,2582	13390	46,9482	13890	48,6382	14390	50,3282	14890
43,602	12900	45,292	13400	46,982	13900	48,672	14400	50,362	14900
43,6358	12910	45,3258	13410	47,0158	13910	48,7058	14410	50,3958	14910
43,6696	12920	45,3596	13420	47,0496	13920	48,7396	14420	50,4296	14920
43,7034	12930	45,3934	13430	47,0834	13930	48,7734	14430	50,4634	14930
43,7372	12940	45,4272	13440	47,1172	13940	48,8072	14440	50,4972	14940
43,771	12950	45,461	13450	47,151	13950	48,841	14450	50,531	14950
43,8048	12960	45,4948	13460	47,1848	13960	48,8748	14460	50,5648	14960
43,8386	12970	45,5286	13470	47,2186	13970	48,9086	14470	50,5986	14970
43,8724	12980	45,5624	13480	47,2524	13980	48,9424	14480	50,6324	14980
43,9062	12990	45,5962	13490	47,2862	13990	48,9762	14490	50,6662	14990

Flachsicherung 20A / 0,00338Ohm

mV	mA	mV	mA	mV	mA	mV	mA	mV	mA
50,7	15000	52,39	15500	54,08	16000	55,77	16500	57,46	17000
50,7338	15010	52,4238	15510	54,1138	16010	55,8038	16510	57,4938	17010
50,7676	15020	52,4576	15520	54,1476	16020	55,8376	16520	57,5276	17020
50,8014	15030	52,4914	15530	54,1814	16030	55,8714	16530	57,5614	17030
50,8352	15040	52,5252	15540	54,2152	16040	55,9052	16540	57,5952	17040
50,869	15050	52,559	15550	54,249	16050	55,939	16550	57,629	17050
50,9028	15060	52,5928	15560	54,2828	16060	55,9728	16560	57,6628	17060
50,9366	15070	52,6266	15570	54,3166	16070	56,0066	16570	57,6966	17070
50,9704	15080	52,6604	15580	54,3504	16080	56,0404	16580	57,7304	17080
51,0042	15090	52,6942	15590	54,3842	16090	56,0742	16590	57,7642	17090
51,038	15100	52,728	15600	54,418	16100	56,108	16600	57,798	17100
51,0718	15110	52,7618	15610	54,4518	16110	56,1418	16610	57,8318	17110
51,1056	15120	52,7956	15620	54,4856	16120	56,1756	16620	57,8656	17120
51,1394	15130	52,8294	15630	54,5194	16130	56,2094	16630	57,8994	17130
51,1732	15140	52,8632	15640	54,5532	16140	56,2432	16640	57,9332	17140
51,207	15150	52,897	15650	54,587	16150	56,277	16650	57,967	17150
51,2408	15160	52,9308	15660	54,6208	16160	56,3108	16660	58,0008	17160
51,2746	15170	52,9646	15670	54,6546	16170	56,3446	16670	58,0346	17170
51,3084	15180	52,9984	15680	54,6884	16180	56,3784	16680	58,0684	17180
51,3422	15190	53,0322	15690	54,7222	16190	56,4122	16690	58,1022	17190
51,376	15200	53,066	15700	54,756	16200	56,446	16700	58,136	17200
51,4098	15210	53,0998	15710	54,7898	16210	56,4798	16710	58,1698	17210
51,4436	15220	53,1336	15720	54,8236	16220	56,5136	16720	58,2036	17220
51,4774	15230	53,1674	15730	54,8574	16230	56,5474	16730	58,2374	17230
51,5112	15240	53,2012	15740	54,8912	16240	56,5812	16740	58,2712	17240
51,545	15250	53,235	15750	54,925	16250	56,615	16750	58,305	17250
51,5788	15260	53,2688	15760	54,9588	16260	56,6488	16760	58,3388	17260
51,6126	15270	53,3026	15770	54,9926	16270	56,6826	16770	58,3726	17270
51,6464	15280	53,3364	15780	55,0264	16280	56,7164	16780	58,4064	17280
51,6802	15290	53,3702	15790	55,0602	16290	56,7502	16790	58,4402	17290
51,714	15300	53,404	15800	55,094	16300	56,784	16800	58,474	17300
51,7478	15310	53,4378	15810	55,1278	16310	56,8178	16810	58,5078	17310
51,7816	15320	53,4716	15820	55,1616	16320	56,8516	16820	58,5416	17320
51,8154	15330	53,5054	15830	55,1954	16330	56,8854	16830	58,5754	17330
51,8492	15340	53,5392	15840	55,2292	16340	56,9192	16840	58,6092	17340
51,883	15350	53,573	15850	55,263	16350	56,953	16850	58,643	17350
51,9168	15360	53,6068	15860	55,2968	16360	56,9868	16860	58,6768	17360
51,9506	15370	53,6406	15870	55,3306	16370	57,0206	16870	58,7106	17370
51,9844	15380	53,6744	15880	55,3644	16380	57,0544	16880	58,7444	17380
52,0182	15390	53,7082	15890	55,3982	16390	57,0882	16890	58,7782	17390
52,052	15400	53,742	15900	55,432	16400	57,122	16900	58,812	17400
52,0858	15410	53,7758	15910	55,4658	16410	57,1558	16910	58,8458	17410
52,1196	15420	53,8096	15920	55,4996	16420	57,1896	16920	58,8796	17420
52,1534	15430	53,8434	15930	55,5334	16430	57,2234	16930	58,9134	17430
52,1872	15440	53,8772	15940	55,5672	16440	57,2572	16940	58,9472	17440
52,221	15450	53,911	15950	55,601	16450	57,291	16950	58,981	17450
52,2548	15460	53,9448	15960	55,6348	16460	57,3248	16960	59,0148	17460
52,2886	15470	53,9786	15970	55,6686	16470	57,3586	16970	59,0486	17470
52,3224	15480	54,0124	15980	55,7024	16480	57,3924	16980	59,0824	17480
52,3562	15490	54,0462	15990	55,7362	16490	57,4262	16990	59,1162	17490



Flachsicherung 20A / 0,00338Ohm

mV	mA	mV	mA	mV	mA	mV	mA	mV	mA
59,15	17500	60,84	18000	62,53	18500	64,22	19000	65,91	19500
59,1838	17510	60,8738	18010	62,5638	18510	64,2538	19010	65,9438	19510
59,2176	17520	60,9076	18020	62,5976	18520	64,2876	19020	65,9776	19520
59,2514	17530	60,9414	18030	62,6314	18530	64,3214	19030	66,0114	19530
59,2852	17540	60,9752	18040	62,6652	18540	64,3552	19040	66,0452	19540
59,319	17550	61,009	18050	62,699	18550	64,389	19050	66,079	19550
59,3528	17560	61,0428	18060	62,7328	18560	64,4228	19060	66,1128	19560
59,3866	17570	61,0766	18070	62,7666	18570	64,4566	19070	66,1466	19570
59,4204	17580	61,1104	18080	62,8004	18580	64,4904	19080	66,1804	19580
59,4542	17590	61,1442	18090	62,8342	18590	64,5242	19090	66,2142	19590
59,488	17600	61,178	18100	62,868	18600	64,558	19100	66,248	19600
59,5218	17610	61,2118	18110	62,9018	18610	64,5918	19110	66,2818	19610
59,5556	17620	61,2456	18120	62,9356	18620	64,6256	19120	66,3156	19620
59,5894	17630	61,2794	18130	62,9694	18630	64,6594	19130	66,3494	19630
59,6232	17640	61,3132	18140	63,0032	18640	64,6932	19140	66,3832	19640
59,657	17650	61,347	18150	63,037	18650	64,727	19150	66,417	19650
59,6908	17660	61,3808	18160	63,0708	18660	64,7608	19160	66,4508	19660
59,7246	17670	61,4146	18170	63,1046	18670	64,7946	19170	66,4846	19670
59,7584	17680	61,4484	18180	63,1384	18680	64,8284	19180	66,5184	19680
59,7922	17690	61,4822	18190	63,1722	18690	64,8622	19190	66,5522	19690
59,826	17700	61,516	18200	63,206	18700	64,896	19200	66,586	19700
59,8598	17710	61,5498	18210	63,2398	18710	64,9298	19210	66,6198	19710
59,8936	17720	61,5836	18220	63,2736	18720	64,9636	19220	66,6536	19720
59,9274	17730	61,6174	18230	63,3074	18730	64,9974	19230	66,6874	19730
59,9612	17740	61,6512	18240	63,3412	18740	65,0312	19240	66,7212	19740
59,995	17750	61,685	18250	63,375	18750	65,065	19250	66,755	19750
60,0288	17760	61,7188	18260	63,4088	18760	65,0988	19260	66,7888	19760
60,0626	17770	61,7526	18270	63,4426	18770	65,1326	19270	66,8226	19770
60,0964	17780	61,7864	18280	63,4764	18780	65,1664	19280	66,8564	19780
60,1302	17790	61,8202	18290	63,5102	18790	65,2002	19290	66,8902	19790
60,164	17800	61,854	18300	63,544	18800	65,234	19300	66,924	19800
60,1978	17810	61,8878	18310	63,5778	18810	65,2678	19310	66,9578	19810
60,2316	17820	61,9216	18320	63,6116	18820	65,3016	19320	66,9916	19820
60,2654	17830	61,9554	18330	63,6454	18830	65,3354	19330	67,0254	19830
60,2992	17840	61,9892	18340	63,6792	18840	65,3692	19340	67,0592	19840
60,333	17850	62,023	18350	63,713	18850	65,403	19350	67,093	19850
60,3668	17860	62,0568	18360	63,7468	18860	65,4368	19360	67,1268	19860
60,4006	17870	62,0906	18370	63,7806	18870	65,4706	19370	67,1606	19870
60,4344	17880	62,1244	18380	63,8144	18880	65,5044	19380	67,1944	19880
60,4682	17890	62,1582	18390	63,8482	18890	65,5382	19390	67,2282	19890
60,502	17900	62,192	18400	63,882	18900	65,572	19400	67,262	19900
60,5358	17910	62,2258	18410	63,9158	18910	65,6058	19410	67,2958	19910
60,5696	17920	62,2596	18420	63,9496	18920	65,6396	19420	67,3296	19920
60,6034	17930	62,2934	18430	63,9834	18930	65,6734	19430	67,3634	19930
60,6372	17940	62,3272	18440	64,0172	18940	65,7072	19440	67,3972	19940
60,671	17950	62,361	18450	64,051	18950	65,741	19450	67,431	19950
60,7048	17960	62,3948	18460	64,0848	18960	65,7748	19460	67,4648	19960
60,7386	17970	62,4286	18470	64,1186	18970	65,8086	19470	67,4986	19970
60,7724	17980	62,4624	18480	64,1524	18980	65,8424	19480	67,5324	19980
60,8062	17990	62,4962	18490	64,1862	18990	65,8762	19490	67,5662	19990