



## UL 508A Short Circuit Current Rating

Many of WAGO Corporation's DIN-rail mount terminal blocks, chassis mount blocks, and through-panel connectors now carry an increased Short Circuit Current Rating (SCCR). The SCCR originates from changes enacted by the National Electric Code (Article 409) and represented in UL508A. SCCR ensures proper documentation of the maximum short circuit current a component, assembly or equipment can safely withstand when protected by a specific overcurrent protective device.

SCCR Rating for WAGO terminal blocks UL file E45172	Line Cond.	Load Cond.	Overcurrent Protection Fuse Required Class/Max Amp Rating						SCCR	Volt Max
			J	T	RK1	RK5	G	CC		
<b>280 Series</b>										
280-870,280-869, 280-868, 280-871, 280-874, 280-875, 280-876, 280-879, 280-880, 280-881, 280-882, 280-883, 280-884, 280-885,	14 - 12 AWG	14 - 12 AWG	30	30			50	30	100kA	600
280-519 280-529, 280-520, 280-530, 280-527, 280-537, 280-523, 280-533, 280-524, 280-534, 280-517, 280-513, 280-543, 280-549 280-551, 280-550, 280-547, 280-557, 280-552, 280-597, 280-510, 280-889	14 - 12 AWG	14 - 12 AWG	60	60			50	30	100kA	600
280-601, 280-602, 280-603, 280-604, 280-621, 280-626, 280-633, 280-634, 280-640, 280-641, 280-646, 280-650, 280-651, 280-653, 280-654, 280-656, 280-671, 280-672, 280-678, 280-681, 280-684, 280-691, 280-826, 280-830, 280-831, 280-832, 280-833, 280-834, 280-835, 280-838, 280-901, 280-902, 280-903, 280-904, 280-905, 280-906, 280-946, 280-989, 280-990, 280-992, 280-993, 280-994, 280-995, 280-996, 280-998, 280-999	14 - 12 AWG	14 - 12 AWG	100	100	60	30	60	30	100kA	600
280-907, 280-687, 280-837, 280-677, 280-607, 280-637 (1)	14 - 12 AWG	14 - 12 AWG	100	100	60	30	60	30	100kA	600
<b>281 Series</b>										
281-619 281-629, 281-620, 281-630, 281-530, 281-531, 281-532	14 - 12 AWG	14 - 12 AWG	60	60			50	30	100kA	600
281-601, 281-604, 281-631, 281-651, 281-652, 281-653, 281-654, 281-658, 281-663, 281-664, 281-668, 281-678, 281-679, 281-681, 281-684, 281-685, 281-686, 281-691, 281-901, 281-902, 281-903, 281-904, 281-905, 281-906, 281-992, 281-993, 281-994, 281-998	14 - 12 AWG	14 - 12 AWG	100	100	60	30	60	30	100kA	600
281-607, 281-637, 281-657, 281-687 and 281-907 (1)	14 - 12 AWG	14 - 12 AWG	100	100	60	30	60	30	100kA	600
<b>282 Series</b>										
282-697, 282-695, 282-699, 282-694	14 - 10 AWG	14 - 10 AWG	60	60			50	30	100kA	600
282-601, 282-604, 282-681, 282-682, 282-684, 282-691, 282-901, 282-902, 282-904, 282-992, 282-993	14 - 10 AWG	14 - 10 AWG	100	100	60	30	60	30	100kA	600
282-607, 280-687, 280-907 (1)	14 - 10 AWG	14 - 10 AWG	100	100	60	30	60	30	100kA	600
<b>284 Series</b>										
284-601, 284-604, 284-681, 284-682, 284-684, 284-691, 284-901, 284-902, 284-904, 284-992 and 284-993	14 - 8 AWG	14 - 8 AWG	100	100	60	30	60	30	100kA	600
284-607, 284-687, 284-907 (1)	14 - 8 AWG	14 - 8 AWG	100	100	60	30	60	30	100kA	600
284-621, 284-624	2 AWG	1 x 12 with 2 x 8 AWG	200	200	100	30	60	30	100kA	600
<b>283 Series</b>										
283-601, 283-604, 283-671, 283-672, 283-674, 283-691, 283-901, 283-902, 283-904,283-992, 283-998	14 - 6 AWG	14 - 6 AWG	100	100	60	30	60	30	100kA	600
283-607, 283-671, 283-672, 283-674, 283-677, 283-901, 283-902, 283-904, 283-907, 283-992 and 283-998	6 AWG	6 AWG	150	150	100	60	60	30	100kA	600
283-607, 283-677, 283-907 (1)	14 - 6 AWG	14 - 6 AWG	100	100	60	30	60	30	100kA	600
<b>285 Series</b>										
285-635, 285-634, 285-992, 285-637	8 - 2 AWG	8 - 2 AWG	200	200	100	30	60	30	100kA	600
285-135, 285-134, 285-137(1), 285-935	6 - 2 AWG	6 - 2 AWG	200	200	100	30	60	30	100kA	600
285-135, 285-134, 285-137(1), 285-935 with power taps 285-427	4 - 2 AWG	4 - 2 AWG main conductor, 10 AWG power tap	200	200	100	30	60	30	100kA	600
285-150, 285-154, 285-157(1), 285-950	6 AWG - 2/0	6 AWG - 2/0	200	200	100	30	60	30	100kA	600
285-150, 285-154, 285-157(1), 285-950	1/0-2/0	1/0-2/0	400	400	200	100	60	30	100kA	600
285-150, 285-154, 285-157(1), 285-950 with power tap 285-447	6 AWG - 2/0	6 AWG -2/0 main conductor, 6 AWG power tap	200	200	100	30	60	30	100kA	600
285-194, 285-195, 285-197(1), 285-995	1/0 - 3/0	1/0 - 3/0	300	300	200	100	60	30	100kA	600
285-197 (1)	3 AWG - 4/0	3 AWG - 4/0	400	400	200	100	60	30	100kA	600
285-194, 285-195, 285-197(1), 285-995 with power tap 285-407	4 AWG - 4/0	4 AWG - 4/0 main conductor, 8-6 AWG power tap	300	300	200	100	60	30	100kA	600
285-1161, 285-1163, 285-1164, 285-1167(1), 285-1184, 285-1185, 285-1187(1), 285-1189	1/0 - 350kcmil	1/0 - 350kcmil	400	400	200	100	60	30	100kA	600
285-1161, 285-1163, 285-1164, 285-1167(1), 285-1184, 285-1185, 285-1187(1), 285-1189 with power tap 285-1185	1/0 - 350kcmil	1/0 -350kcmil main conductor, 8-6 AWG power tap	400	400	200	100	60	30	100kA	600

Note: (1) may be followed by /999-950.



**UL 508A**  
**Short Circuit Current Rating (continued)**

SCCR Rating for WAGO terminal blocks UL file E45172	Line Cond.	Load Cond.	Overcurrent Protection Fuse Required Class/Max Amp Rating						SCCR	Volt Max
			J	T	RK1	RK5	G	CC		
<b>2001 Series</b>										
2001-120x, 2001-130x, 2001-140x (x = 1 - 9)	14 AWG	14 AWG	30	30			30	30	100kA	600
<b>2002 Series</b>										
2002-120x, 2002-1441, 2002-630x, 2002-640x, 2002-220x, 2002-223x, 2002-221x, 2002-222x, 2002-224x, 2002-225x, 2002-240x, 2002-243x, 2002-241x, 2002-242x, 2002-244x, 2002-245x, 2002-260x, 2002-264x, 2002-265x, 2002-267x, 2002-320x, 2002-323x, 2002-321x, 2002-322x, 2002-324x, 2002-325x, 2002-412x, 2002-415x, 2002-411x, 2002-414x, 2002-413x, 2002-295x, 2002-297x, (x = 1 - 9)	14 - 12 AWG	14 - 12 AWG	60	60	30		50	30	100kA	600
2002-160x, 2002-167x, 2002-170x, 2002-177x, 2002-180x, 2002-187x, 2002-190x, 2002-197x (x = 1 - 9)	14 - 12 AWG	14 - 12 AWG	30	30			30	30	100kA	300
2003-664x, 2003-665x, 2003-666x, (x = 1 - 9)	14 - 12 AWG	14 - 12 AWG	60	60	30		50	30	100kA	300
<b>2022 Series</b>										
2022-120x, 2022-130x, 2022-140x, (can be used with female plugs: 2022-101 thru -115, 2022-161, 2022-164, 2022-167, 2022-171, 2022-174, 2022-177, 2022-181, 2022-184, 2022-187, and suffix of /999-953, /000-036, /000-037, /000-038, and /000-039) (x = 1 - 9)	14 - 12 AWG	14 - 12 AWG	60	60	30		50	30	100kA	600
2022-220x, 2022-221x, 2022-222x, 2022-223x, 2022-224x, 2022-225x (can be used with female plugs: 2022-101 thru -115, 2022-161, 2022-164, 2022-167, 2022-171, 2022-174, 2022-177, 2022-181, 2022-184, 2022-187, and suffix of /999-953, /000-036, /000-037, /000-038, and /000-039) (x = 1 - 9)	12 AWG	12 AWG	60	60	30		50	30	100kA	600
<b>2004 Series</b>										
2004-120x, 2004-130x, 2004-140x (x = 1 - 9)	14 - 10 AWG	14 - 10 AWG	60	60	30		50	30	100kA	600
<b>2006 Series</b>										
2006-120x, 2006-130x, 2006-160x, 2006-860x, 2006-867x (x = 1 - 9)	10 - 8 AWG	10 - 8 AWG	100	100	60	30	60	30	100kA	600
<b>2010 Series</b>										
2010-120x, 2010-130x (x = 1 - 9)	10 - 6 AWG	10 - 6 AWG	100	100	60	30	60	30	100kA	600
<b>2016 Series</b>										
2016-120x, 2016-130x (x = 1 - 9)	10 - 4 AWG	10 - 4 AWG	100	100	60	30	60	30	100kA	600
<b>769 Series / X-COM</b>										
769-156, 769-176, 769-237, 769-171, 769-217, 769-227, 769-151, 769-207, 769-214 (2) (3) (use with female plugs 769-101 thru -115 and 769-121 thru -135)	14 - 12 AWG	14 - 12 AWG	30	30			30	30	100kA	600
<b>870 Series</b>										
870-901, 870-902, 870-904, 870-909, 870-681, 870-682, 870-684, 870-831, 870-832, 870-834, 870-501, 870-502, 870-503, 870-504, 870-508, 870-509, 870-961, 870-531, 870-532, 870-533, 870-534, 870-538, 870-539, 870-551, 870-553, 870-556, 870-558, 870-559, 870-951	14 - 12 AWG	14 - 12 AWG	60	60			50	30	100kA	600
870-101, 870-102, 870-103, 870-104, 870-108, 870-109, 870-117, 870-127, 870-107, 870-131, 870-151, 870-158, 870-157	14 - 12 AWG	14 - 12 AWG	30	30			30	30	100kA	600
<b>264 Series</b>										
264-311, 264-313, 264-314, 264-315, 264-316, 264-317, 264-318, 264-152, 264-153, 264-154, 264-155, 264-156, 264-157, 264-158, 264-159, 264-160, 264-161, 264-162, 264-180, 264-182, 264-183, 264-184, 264-185, 264-186, 264-187, 264-188, 264-189, 264-190, 264-191, 264-192, 264-321, 264-324, 264-326, 264-327, 264-131, 264-301, 264-304, 264-306, 264-307, 264-130, 264-102, 264-103, 264-104, 264-105, 264-106, 264-107, 264-108, 264-109, 264-110, 264-111, 264-112, 264-130, 264-131, 264-132, 264-133, 264-134, 264-135, 264-136, 264-137, 264-138, 264-139, 264-140, 264-141, 264-142	14 - 12 AWG	14 - 12 AWG	30	30			30	30	100kA	600
264-341, 264-344, 264-346, 264-347, 264-252, 264-253, 264-254, 264-255, 264-256, 264-257, 264-258, 264-259, 264-260, 264-261, 264-262, 264-280, 264-282, 264-283, 264-284, 264-285, 264-286, 264-287, 264-288, 264-289, 264-290, 264-291, 264-292, 264-351, 264-354, 264-356, 264-357, 264-231, 264-331, 264-334, 264-336, 264-337, 264-230, 264-202, 264-203, 264-204, 264-205, 264-206, 264-207, 264-208, 264-209, 264-210, 264-211, 264-212, 264, 230, 264-231, 264-232, 264-233, 264-234, 264-235, 264-236, 264-237, 264-238, 264-239, 264-240, 264-241, 264-242	14 - 12 AWG	14 - 12 AWG	30	30			30	30	100kA	600
<b>826 Series</b>										
826-159 thru -172	14 - 12 AWG	14 - 12 AWG	60	60	30		30	30	100kA	300
<b>828 Series</b>										
828-334, 828-335	12 - 8 AWG	12 - 8 AWG	100	100	60	30	60	30	100kA	600

Note (2): may be followed by /021-000 or /022-000.

Note (3): may be followed by /000-006, /000-005, /000-012.



**UL 508A**  
**Short Circuit Current Rating (continued)**

SCCR Rating for WAGO terminal blocks UL file E45172			Overcurrent Protection Fuse Required Class/Max Amp Rating						SCCR	Volt Max
	Line Cond.	Load Cond.	J	T	RK1	RK5	G	CC		
<b>862 Series</b>										
862-0503, 862-0504, 862-0505, 862-0525, 862-0532, 862-0533, 862-0534, 862-0552, 862-0562, 862-0593, 862-0594, 862-0603, 862-0604, 862-0605, 862-0615, 862-0625, 862-0632, 862-0633, 862-0634, 862-0652, 862-0662, 862-0693, 862-0694, 862-1503, 862-1504, 862-1505, 862-1515, 862-1525, 862-1532, 862-1533, 862-1534, 862-1552, 862-1562, 862-1593, 862-1594, 862-1603, 862-1604, 862-1605, 862-1615, 862-1625, 862-1632, 862-1633, 862-1634, 862-1652, 862-1662, 862-1693, 862-1694, 862-2503, 862-2504, 862-2505, 862-2515, 862-2525, 862-2532, 862-2533, 862-2534, 862-2552, 862-2562, 862-2593, 862-2594, 862-2603, 862-2604, 862-2605, 862-2615, 862-2625, 862-2632, 862-2633, 862-2634, 862-2652, 862-2662, 862-2693, 862-2694, 862-8503, 862-8504, 862-8505, 862-8515, 862-8525, 862-8533, 862-8534, 862-8593, 862-8594, 862-8603, 862-8604, 862-8605, 862-8615, 862-8625, 862-8633, 862-8634, 862-8693, 862-8694, 862-9504, 862-9505, 862-9515, 862-9525, 862-9533, 862-9534, 862-9593, 862-9594, 862-9603, 862-9604, 862-9605, 862-9615, 862-9625, 862-9633, 862-9634, 862-9693, 862-9694	12 AWG	12 AWG	60	60	30		60	30	100kA	300
	12 AWG	12 AWG	60	60	30		60	30	100kA	600 (4)
<b>831 Series</b>										
831-2102/007-000, 831-3203/007-000, 831-3204/007-000, 831-3205/007-000, 831-3206/007-000, 831-3207/007-000m 831-3208/007-000 with 831-3102, 831-3103, 831-3104, 831-3105, 831-3106, 831-3107, 831-3108 (female could have /037-000 suffix to indicate locking lever)	12 - 8 AWG	12 - 8 AWG	100	100	60	30	60	30	100kA	600

**Note (4):** may be used at 5A / 600V, but use at 20A / 600V has restrictions.

SCCR Rating for WAGO terminal blocks UL file E45172			Overcurrent Protection Circuit Breaker Required				SCCR	Volt Max
	Line Cond.	Load Cond.	Mfr.	Type	Max Amp			
<b>2002 Series</b>								
2002-120x, 2002-1441, 2002-630x, 2002-640x, 2002-220x, 2002-223x, 2002-221x, 2002-222x, 2002-224x, 2002-225x, 2002-240x, 2002-243x, 2002-241x, 2002-242x, 2002-244x, 2002-245x, 2002-260x, 2002-264x, 2002-265x, 2002-267x, 2002-320x, 2002-323x, 2002-321x, 2002-322x, 2002-324x, 2002-325x, 2002-412x, 2002-415x, 2002-411x, 2002-414x, 2002-413x, 2002-295x, 2002-297x, (x = 1 - 9)	14 - 12 AWG	14 - 12 AWG	Allen Bradley	140M-C2E-xxx	16	65kA	480	
	14 - 12 AWG	14 - 12 AWG	Allen Bradley	140M-D8E-xxx	20	65kA	480	
<b>2004 Series</b>								
2004-120x, 2004-130x, 2004-140x (x = 1 - 9)	14 - 12 AWG	14 - 12 AWG	Allen Bradley	140M-C2E-xxx	32	65kA	480	
	14 - 12 AWG	14 - 12 AWG	Allen Bradley	140M-D8E-xxx	32	65kA	480	
	14 - 12 AWG	14 - 12 AWG	Allen Bradley	140M-F8E-xxx	32	65kA	480	
	14 - 10 AWG	14 - 10 AWG	Mitsubishi	NF50-SRU	30	35kA	240	
<b>2006 Series</b>								
2006-120x, 2006-130x, 2006-160x, 2006-860x, 2006-867x (x = 1 - 9)	14 - 8 AWG	14 - 8 AWG	Allen Bradley	140M-D8E-xxx	32	65kA	480	
	14 - 8 AWG	14 - 8 AWG	Allen Bradley	140M-F8E-xxx	32	65kA	480	
<b>2010 Series</b>								
2010-120x, 2010-130x (x = 1 - 9)	14 - 6 AWG	14 - 6 AWG	Allen Bradley	140MG-G8P-xxx	50	50kA	480	
	14 - 6 AWG	14 - 6 AWG	Mitsubishi	NF50-SRU	50	35kA	240	
<b>2016 Series</b>								
2016-120x, 2016-130x (x = 1 - 9)	14 - 8 AWG	14 - 8 AWG	Allen Bradley	140MG-G8P-xxx	100	50kA	480	
	14 - 4 AWG	14 - 4 AWG	Mitsubishi	NF100-SRU	75	35kA	240	
<b>285 Series</b>								
285-135, 285-134, 285-137(1), 285-935	6 - 2 AWG	6 - 2 AWG	Square D / Schneider	HGL36xx x-xxx	150	35kA	480	
	4 AWG	4 AWG	Eaton	JGMPS xxxG	160	35kA	480	
	6 - 2 AWG	6 - 2 AWG	Allen Bradley	140MG-H8P-xxx	125	50kA	480	

**Note: (1)** may be followed by /999-950.