

UL 508A Short Circuit Current Rating

WAGO Corporation's DIN-rail mount terminal blocks, ranging from TOPJOB[®]S, X-COM[®]-System, as well as the 280 Series to 285 Series POWER CAGE CLAMP[®], now carry a 100 kA 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			Overcurrent Protection Fuse Required Class/Max Amp Rating							
Catalog Number	Line Cond.	Load Cond.	J	T	RK1	RK5	G	CC	SCCR	Volt Max
280 Series										
280-870, 280-868, 280-876, 280-879, 280-871, 280-869, 280-880, 280-874 280-881, 280-885, 280-883, 280-875, 280-882, 280-884	14 - 12 AWG	14 - 12 AWG	60	60			30	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			30	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
281 Series										
281-619 281-629, 281-620, 281-630, 281-530, 281-531, 281-532	14 - 12 AWG	14 - 12 AWG	60	60			30	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
282 Series										
282-697, 282-695, 282-699, 282-694	14 - 10 AWG	14 - 10 AWG	60	60			30	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
284 Series										
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) 12 w/ (2) 8 AWG	200	200	100	30	60	30	100kA	600
283 Series										
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, 283-677, 283-907(1)	14 - 6 AWG	14 - 6 AWG	100	100	60	30	60	30	100kA	600
285 Series										
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	6 - 2 AWG	6 - 2 AWG	200	200	100	30	60	30	100kA	600
285-150, 285-154, 285-157	6 - 2/0	6 - 2/0	200	200	100	30	60	30	100kA	600
285-150, 285-154, 285-157	1/0-2/0	1/0-2/0	400	400	200	100	60	30	100kA	600
285-194, 285-195, 285-197	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

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

UL 508A

Short Circuit Current Rating (continued)

SCCR Rating for WAGO terminal blocks UL file E45172			Overcurrent Protection Fuse Required Class/Max Amp Rating							
Catalog Number	Line Cond.	Load Cond.	J	T	RK1	RK5	G	CC	SCCR	Volt Max
2001 Series										
2001-1201, 2001-1204, 2001-1207, 2001-1301, 2001-1304, 2001-1307, 2001-1401, 2001-1404, 2001-1407	14 AWG	14 AWG	30	30			30	30	100kA	600
2002 Series										
2002-1201, 2002-1204, 2002-1207, 2002-1301, 2002-1304, 2002-1307, 2002-1401, 2002-1404, 2002-1407, 2002-1441, 2002-6301, 2002-6304, 2002-6302, 2002-6307, 2002-6401, 2002-6404, 2002-6402, 2002-6407, 2002-2201, 2002-2202, 2002-2203, 2002-2231, 2002-2232, 2002-2233, 2002-2217, 2002-2227, 2002-2247, 2002-2257, 2002-2208, 2002-2238, 2002-2209, 2002-2239, 2002-2207, 2002-2237, 2002-3201, 2002-3203, 2002-3204, 2002-3231, 2002-3233, 2002-3217, 2002-3227, 2002-3247, 2002-3257, 2002-3208, 2002-3238, 2002-3218, 2002-3228, 2002-3258, 2002-3248, 2002-3207, 2002-3237	14 - 12 AWG	14 - 12 AWG	60	60			30	30	100kA	600
2004 Series										
2004-1201, 2004-1204, 2004-1207, 2004-1301, 2004-1304, 2004-1307, 2004-1401, 2004-1404, 2004-1407	14 - 10 AWG	14 - 10 AWG	60	60			30	30	100kA	600
2006 Series										
2006-1201, 2006-1204, 2006-1207, 2006-1301, 2006-1304, 2006-1307	10 - 8 AWG	10 - 8 AWG	100	100	60	30	60	30	100kA	600
2010 Series										
2010-1201, 2010-1204, 2010-1207, 2010-1301, 2010-1304, 2010-1307	10 - 6 AWG	10 - 6 AWG	100	100	60	30	60	30	100kA	600
2016 Series										
2016-1201, 2016-1204, 2016-1207, 2016-1301, 2016-1304, 2016-1307	10 - 4 AWG	10 - 4 AWG	100	100	60	30	60	30	100kA	600
769 Series / X-COM (4)										
769-156, 769-176(3), 769-237, 769-171(3), 769-217, 769-227, 769-151, 769-207, 769-214	14 - 12 AWG	14 - 12 AWG	30	30			30	30	100kA	600

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

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

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

Note (4): may be used with female plugs 769-101 through -115 (2,3) and 769-121 through -135.