

# Confirmation

Product identification: 3RT201/2/3/4, 3RT105/6/7, 3TF68/69  
Contactors

Manufacturer: Siemens AG, SI EP

Address: DE-92220 Amberg

## Power contactors for switching choked capacitors in compensation systems

Hereby we confirm the maximum AC-6b rated operational with choke factor  $\geq 5.5\%$ . For ratings refer to the attached table.

Siemens Aktiengesellschaft  
SI EP R&D CP PMM  
92220 Amberg

2021-06-08 Amberg  
date of issue place

# Power contactors for switching choked capacitors in compensation systems.

Choking factor 5.5...14 %

Maximum AC-6b rated operational power with choke factor $\geq 5.5\%$ Qe [kvar] at 3~ / 50 / 60 Hz																			
Ambient temperature	°C	40						50						60					
Rated operating voltage	V	230	400	440	500	690	1000	230	400	440	500	690	1000	230	400	440	500	690	1000
Order number		kvar	kvar	kvar	kvar	kvar	kvar	kvar	kvar	kvar	kvar	kvar	kvar	kvar	kvar	kvar	kvar	kvar	kvar
3RT2015		3,3	<b>5,8</b>	6,4	6,2	7,0	-	3,3	<b>5,8</b>	6,4	6,2	7,0	-	3,0	<b>5,8</b>	6,4	6,2	7,0	-
3RT2016		4,3	<b>7,4</b>	8,2	8,0	9,6	-	4,3	<b>7,4</b>	8,2	8,0	9,6	-	4,0	<b>7,4</b>	8,2	8,0	9,6	-
3RT2017		5,2	<b>9,1</b>	10,0	9,5	9,6	-	5,2	<b>9,1</b>	10,0	9,5	9,6	-	5,0	<b>9,1</b>	10,0	9,5	9,6	-
3RT2018		6,4	<b>11,2</b>	12,4	12,8	12,6	-	6,1	<b>10,7</b>	11,8	12,8	12,6	-	5,0	<b>10,2</b>	11,2	12,8	12,6	-
3RT2023		4,3	<b>7,4</b>	8,2	8,0	9,6	-	4,3	<b>7,4</b>	8,2	8,0	9,6	-	4,0	<b>7,4</b>	8,2	8,0	9,6	-
3RT2024		5,7	<b>9,9</b>	10,9	12,8	12,9	-	5,7	<b>9,9</b>	10,9	12,8	12,9	-	5,0	<b>9,9</b>	10,9	12,8	12,9	-
3RT2025		8,1	<b>14,1</b>	15,5	17,6	18,6	-	8,1	<b>14,1</b>	15,5	17,6	18,6	-	8,0	<b>14,1</b>	15,5	17,6	18,6	-
3RT2026		10,5	<b>18</b>	20	18	18	-	10,5	<b>18</b>	20	18	18	-	10,0	<b>17</b>	19	18	18	-
3RT2027		14,7	<b>25</b>	28	32	30	-	13,5	<b>23</b>	25	29	30	-	12,0	<b>21</b>	23	26	30	-
3RT2028		14,7	<b>25</b>	28	32	30	-	13,5	<b>23</b>	25	29	30	-	12,0	<b>21</b>	23	26	30	-
3RT2035		17	<b>30</b>	33	38	34	-	16	<b>29</b>	32	36	34	-	16	<b>28</b>	31	35	34	-
3RT2036		20	<b>35</b>	39	44	34	-	19	<b>33</b>	36	41	34	-	17	<b>30</b>	33	38	34	-
3RT2037		23	<b>41</b>	45	51	67	-	22	<b>38</b>	42	48	66	-	20	<b>35</b>	39	44	61	-
3RT2038		26	<b>46</b>	50	57	79	-	25	<b>43</b>	47	54	75	-	23	<b>41</b>	45	51	70	-
3RT2045		36	<b>64</b>	70	80	83	62	33	<b>59</b>	64	73	83	62	30	<b>53</b>	59	67	83	62
3RT2046		38	<b>66</b>	73	83	111	62	35	<b>61</b>	67	76	106	62	32	<b>56</b>	62	70	97	62
3RT2047		38	<b>66</b>	73	83	115	62	35	<b>61</b>	67	76	106	62	32	<b>56</b>	62	70	97	62
3RT1054		47	<b>82</b>	90	102	141	102	44	<b>76</b>	84	96	132	102	41	<b>71</b>	79	89	123	102
3RT1055		54	<b>94</b>	104	118	163	115	50	<b>88</b>	97	110	152	115	47	<b>82</b>	90	102	141	115
3RT1056		63	<b>110</b>	121	137	190	128	59	<b>102</b>	112	128	177	128	54	<b>94</b>	104	118	163	128
3RT1064		81	<b>141</b>	155	176	243	128	77	<b>134</b>	148	168	232	128	73	<b>128</b>	141	160	221	128
3RT1065		97	<b>169</b>	186	211	292	192	92	<b>161</b>	177	202	278	192	88	<b>153</b>	169	192	265	192
3RT1066		97	<b>169</b>	186	211	292	192	92	<b>161</b>	177	202	278	192	88	<b>153</b>	169	192	265	192
3RT1075		126	<b>220</b>	242	275	380	256	122	<b>212</b>	234	266	367	256	118	<b>205</b>	225	256	354	256
3RT1076		180	<b>313</b>	344	391	540	256	171	<b>297</b>	327	372	513	256	162	<b>282</b>	310	352	486	256
3RT1264		97	<b>169</b>	186	211	292	423	92	<b>161</b>	177	202	278	404	88	<b>153</b>	169	192	265	384
3RT1265		97	<b>169</b>	186	211	292	423	92	<b>161</b>	177	202	278	404	88	<b>153</b>	169	192	265	384
3RT1266		97	<b>169</b>	186	211	292	423	92	<b>161</b>	177	202	278	404	88	<b>153</b>	169	192	265	384
3RT1275		180	<b>313</b>	344	391	540	782	171	<b>297</b>	327	372	513	744	162	<b>282</b>	310	352	486	705
3RT1276		180	<b>313</b>	344	391	540	782	171	<b>297</b>	327	372	513	744	162	<b>282</b>	310	352	486	705
3TF68		206	<b>359</b>	395	449	619	577	196	<b>341</b>	375	426	588	577	185	<b>323</b>	355	404	557	577
3TF69		268	<b>467</b>	513	583	805	1026	259	<b>451</b>	496	564	779	1026	250	<b>436</b>	479	545	752	1026