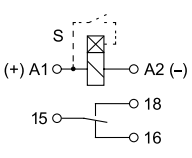
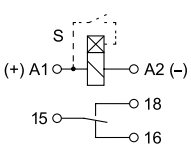
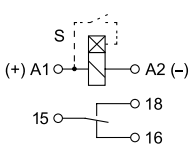
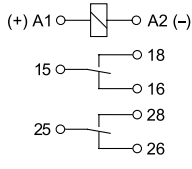


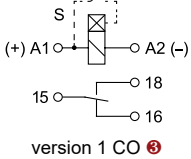
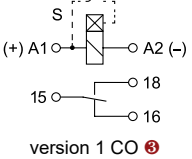
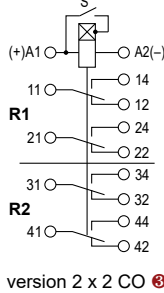
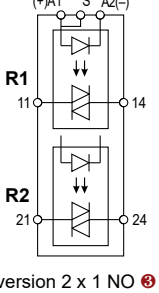
Type	MT-W...M	RPC-.MA...	RPC-.MB...	RPC-2A-UNI
adjustment T1, T2, T3 ②				
Output circuit				
Number and type of contacts	1 CO	1 CO, 2 CO	1 CO, 2 CO	2 CO
Contact material	AgSnO ₂	AgSnO ₂ , AgNi	AgSnO ₂	AgSnO ₂
Max. voltage AC	300 V	300 V	300 V	300 V
Rated load AC1 DC1	10 A / 250 V AC 10 A / 24 V DC	1 CO: 16 A / 250 V AC, 2 CO: 8 A / 250 V AC 1 CO: 16 A / 24 V DC, 2 CO: 8 A / 24 V DC	1 CO: 16 A / 250 V AC, 2 CO: 8 A / 250 V AC 1 CO: 16 A / 24 V DC, 2 CO: 8 A / 24 V DC	8 A / 250 V AC 8 A / 24 V DC
Input circuit				
Rated voltage AC		230 V 50/60 Hz	230 V 50/60 Hz	
AC/DC	12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz
Control contact S	yes ③	yes ③	yes ③	no
Time module				
Functions number	multifunctions ②	multifunctions	multifunctions	multifunctions
Functions ①	Es, E, E(S), E(r), R, Wu, Wu(S), Wu(r), Ws, Wa, B, Wi, ER, EWs, EWa, EWu, WsWa, EWf, Wt, Pi, Pi(S), Pp, Pp(S), Est, Esp, ON, OFF	E, Wu, Bp, Bi, R, Ws, Wa, Esa, B, T	E, Wu, Bp, Bi, Ra, Wst, Wi, Esf, Esp, Est	E, A, nWa, nWu, nWuWa, nWs
Time ranges	0,1 s ... 99 h 59 min. 59,9 s ②	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	1 s; 10 s; 20 s; 30 s; 1 min.; 1,5 min.; 2 min.; 3 min.; 5 min.; 10 min.
Indicator	LED green and yellow	LED green and yellow	LED green and yellow	LED green and yellow
Insulation				
Insulation rated voltage	250 V AC	250 V AC	250 V AC	250 V AC
Dielectric strength				
• input - output	2 500 V AC ⑤	4 000 V AC ⑤	4 000 V AC ⑤	4 000 V AC ⑤
• contact clearance	1 000 V AC ⑤	1 000 V AC ⑤	1 000 V AC ⑤	1 000 V AC ⑤
Overvoltage category	II	III	III	III
General data				
Dimensions mm	90(98,8) x 17,5 x 65,5	90(98,8) x 17,5 x 64,6	90(98,8) x 17,5 x 64,6	90(98,8) x 17,5 x 64,6
Mechanical life	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)
Protection category	IP 20 (EN 60529)	IP 20 (EN 60529)	IP 20 (EN 60529)	IP 20 (EN 60529)
Connection diagrams	 version 1 CO ③	 version 1 CO, AC/DC ③	 version 1 CO, AC/DC ③	 version 2 CO
Recognitions, certifications, directives	 RoHS	 RoHS	 RoHS	 RoHS
Download data sheet	MT-W...M	RPC-.MA...	RPC-.MB...	RPC-2A-UNI

③ Type of insulation: basic

⑤ Type of clearance: micro-disconnection

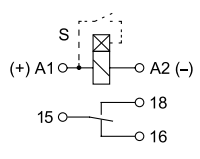
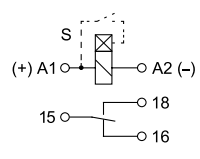
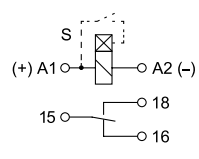
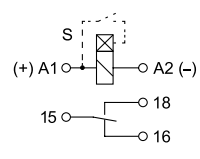
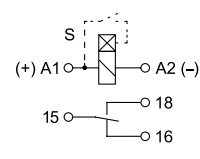
① Descriptions and diagrams of time functions - see pages 113-114. ② Two digit LED display, programming with two buttons only.

③ The control terminal S (B1) is activated by connection to A1 terminal via the external control contact S.

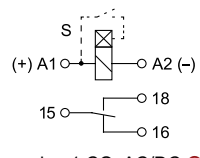
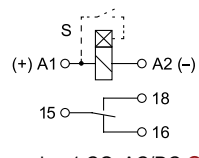
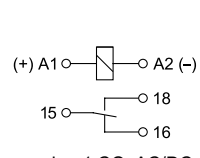
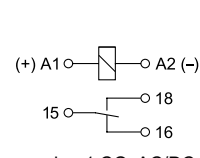
Type	RPC-1MC-UNI	RPC-.MD-UNI	RPC-4ME-UNI	RPC-2ME-UNI-SSR
Output circuit				
Number and type of contacts	1 CO	1 CO, 3 CO	2 x 2 CO	2 x 1 NO (triac)
Contact material	AgSnO ₂	AgSnO ₂	AgSnO ₂	
Max. voltage AC	300 V	300 V	300 V	240 V
Rated load AC1	16 A / 250 V AC	1 CO: 16 A / 250 V AC 3 CO: 8 A / 250 V AC	6 A / 230 V AC	2 A / 230 V AC
DC1	16 A / 24 V DC	1 CO: 16 A / 24 V DC 3 CO: 8 A / 24 V DC		
Input circuit				
Rated voltage AC				
AC/DC	12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz
Control contact S	yes ⑤	yes ⑤	yes ⑤	yes ⑤
Time module				
Functions number	multifunctions	multifunctions	multifunctions	multifunctions
Functions ①	E, E(S), Wu, Wu(S), Bp, Bp(S), Bi, Bi(S), R, Ws, Wa, Esa(R), E(R), Wu(R)	E, Wu, Bp, Bi, R, Ws, Wa, Esa, B, T	ONE, BOTH, E, Wu, Bp, Bi, R, Ws, Wa, Esa, B, T	ONE, BOTH, E, Wu, Bp, Bi, R, Ws, Wa, Esa, B, T
Time ranges	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d
Indicator	LED green and yellow	LED green and yellow	LED green and yellow	LED green and yellow
Insulation				
Insulation rated voltage	250 V AC	250 V AC	250 V AC	250 V AC
Dielectric strength • input - output • contact clearance	4 000 V AC ⑥ 1 000 V AC ⑥	4 000 V AC ⑥ 1 000 V AC ⑥	2 500 V AC ⑥ 1 000 V AC ⑥	2 500 V AC ⑥
Overvoltage category	III	III	II	II
General data				
Dimensions mm	90(98,8) x 17,5 x 64,6	90(98,8) x 17,5 x 64,6	90(94,3) x 35 x 64	90(94,3) x 35 x 64
Mechanical life	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)
Protection category	IP 20 (EN 60529)	IP 20 (EN 60529)	IP 20 (EN 60529)	IP 20 (EN 60529)
Connection diagrams	 version 1 CO ⑤	 version 1 CO ⑤	 version 2 x 2 CO ⑤	 version 2 x 1 NO ⑤
Recognitions, certifications, directives				
Download data sheet	RPC-1MC-UNI	RPC-.MD-UNI	RPC-4ME-UNI	RPC-2ME-UNI-SSR

⑤ Type of insulation: basic

⑥ Type of clearance: micro-disconnection

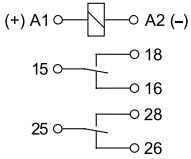
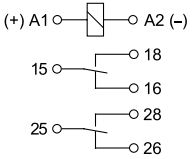
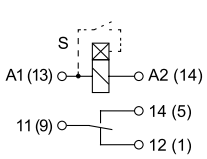
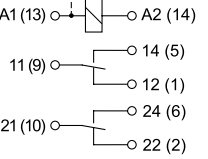
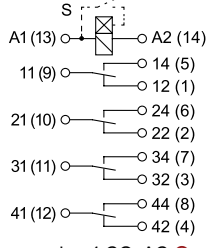
RPC-1ER-...	RPC-1EA-...	RPC-1ES-...	RPC-1EU-...	RPC-1IP-...
adjustment T1, T2	adjustment T1, T2	adjustment T1, T2	adjustment T1, T2	adjustment T1, T2
				
1 CO	1 CO	1 CO	1 CO	1 CO
AgSnO ₂	AgSnO ₂	AgSnO ₂	AgSnO ₂	AgSnO ₂
300 V	300 V	300 V	300 V	300 V
16 A / 250 V AC	16 A / 250 V AC	16 A / 250 V AC	16 A / 250 V AC	16 A / 250 V AC
16 A / 24 V DC	16 A / 24 V DC	16 A / 24 V DC	16 A / 24 V DC	16 A / 24 V DC
230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz
12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz
yes ③	yes ③	yes ③	yes ③	yes ③
single-functions	single-functions	single-functions	single-functions	single-functions
ER	EWa	EWs	EWu + NWu ④	li + lp ④
OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d
LED green and yellow	LED green and yellow	LED green and yellow	LED green and yellow	LED green and yellow
250 V AC	250 V AC	250 V AC	250 V AC	250 V AC
4 000 V AC ③ 1 000 V AC ③	4 000 V AC ③ 1 000 V AC ③	4 000 V AC ③ 1 000 V AC ③	4 000 V AC ③ 1 000 V AC ③	4 000 V AC ③ 1 000 V AC ③
III	III	III	III	III
90(98,8) x 17,5 x 64,6	90(98,8) x 17,5 x 64,6	90(98,8) x 17,5 x 64,6	90(98,8) x 17,5 x 64,6	90(98,8) x 17,5 x 64,6
> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)
IP 20 (EN 60529)	IP 20 (EN 60529)	IP 20 (EN 60529)	IP 20 (EN 60529)	IP 20 (EN 60529)
				
version 1 CO, AC/DC ③	version 1 CO, AC/DC ③	version 1 CO, AC/DC ③	version 1 CO, AC/DC ③	version 1 CO, AC/DC ③
				
RoHS	RoHS	RoHS	RoHS	RoHS
RPC-1ER-...	RPC-1EA-...	RPC-1ES-...	RPC-1EU-...	RPC-1IP-...

① Descriptions and diagrams of time functions - see pages 113-114. ③ The control terminal S (B1) is activated by connection to A1 terminal via the external control contact S. ④ Start by function: EWu, lp - terminals A1-S are not connected / bridged; start by function: NWu, li - terminals A1-S are connected / bridged.

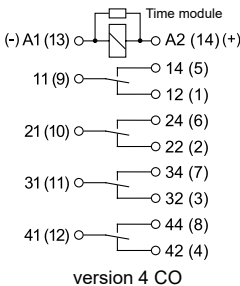
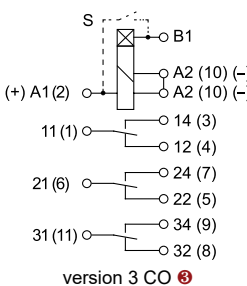
Type	RPC-1SA-...	RPC-1WT-...	RPC-E-...	RPC-WU-...
	adjustment T1, T2 	adjustment T1, T2 		
Output circuit				
Number and type of contacts	1 CO	1 CO	1 CO, 2 CO	1 CO, 2 CO
Contact material	AgSnO ₂	AgSnO ₂	AgSnO ₂	AgSnO ₂
Max. voltage AC	300 V	300 V	300 V	300 V
Rated load	AC1 16 A / 250 V AC AC1 16 A / 24 V DC DC1 16 A / 24 V DC	AC1 16 A / 250 V AC AC1 16 A / 24 V DC	1 CO: 16 A / 250 V AC 2 CO: 8 A / 250 V AC 1 CO: 16 A / 24 V DC 2 CO: 8 A / 24 V DC	1 CO: 16 A / 250 V AC 2 CO: 8 A / 250 V AC 1 CO: 16 A / 24 V DC 2 CO: 8 A / 24 V DC
Input circuit				
Rated voltage AC	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz
AC/DC	12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz
Control contact S	yes ⑥	yes ⑥	no	no
Time module				
Functions number	single-functions	single-functions	single-functions	single-functions
Functions ①	WsWa	Wt	E	Wu
Time ranges	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d
Indicator	LED green and yellow	LED green and yellow	LED green and yellow	LED green and yellow
Insulation				
Insulation rated voltage	250 V AC	250 V AC	250 V AC	250 V AC
Dielectric strength				
• input - output	4 000 V AC ⑥	4 000 V AC ⑥	4 000 V AC ⑥	4 000 V AC ⑥
• contact clearance	1 000 V AC ⑥	1 000 V AC ⑥	1 000 V AC ⑥	1 000 V AC ⑥
Overvoltage category	III	III	III	III
General data				
Dimensions mm	90(98,8) x 17,5 x 64,6	90(98,8) x 17,5 x 64,6	90(98,8) x 17,5 x 64,6	90(98,8) x 17,5 x 64,6
Mechanical life	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)
Protection category	IP 20 (EN 60529)	IP 20 (EN 60529)	IP 20 (EN 60529)	IP 20 (EN 60529)
Connection diagrams	 version 1 CO, AC/DC ⑥	 version 1 CO, AC/DC ⑥	 version 1 CO, AC/DC	 version 1 CO, AC/DC
Recognitions, certifications, directives	CE cULus UK RoHS	CE cULus UK RoHS	CE cULus UK RoHS	CE cULus UK RoHS
Download data sheet	RPC-1SA-...	RPC-1WT-...	RPC-E-...	RPC-WU-...

⑥ Type of insulation: basic

⑥ Type of clearance: micro-disconnection

RPC-BP-...	RPC-2SD-UNI adjustment T1, T2	TR4N 1 CO	TR4N 2 CO	TR4N 4 CO
				
1 CO, 2 CO	2 x 1 CO	1 CO	2 CO	4 CO
AgSnO ₂	AgSnO ₂	AgNi	AgNi	AgNi
300 V	300 V	300 V	300 V	250 V
1 CO: 16 A / 250 V AC 2 CO: 8 A / 250 V AC 1 CO: 16 A / 24 V DC 2 CO: 8 A / 24 V DC	16 A / 250 V AC 16 A / 24 V DC	16 A / 250 V AC 16 A / 24 V DC	8 A / 250 V AC 8 A / 24 V DC	6 A / 250 V AC 6 A / 24 V DC
230 V 50/60 Hz	12...240 V AC: 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz
12...240 V AC: 50/60 Hz	12...240 V AC: 50/60 Hz	24 V AC: 50/60 Hz	24 V AC: 50/60 Hz	24 V AC: 50/60 Hz
no	no	yes ③	yes ③	yes ③
single-functions	Star-Delta	multifunctions	multifunctions	multifunctions
Bp	SD	E, Wu, Bp, Bi, PWM, R, Ws, Wa, Esa, B, ON / OFF	E, Wu, Bp, Bi, PWM, R, Ws, Wa, Esa, B, ON / OFF	E, Wu, Bp, Bi, PWM, R, Ws, Wa, Esa, B, ON / OFF
OFF; ON; 1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	1 s; 10 s; 30 s; 1 min.; 1,5 min.; 3 min.; 5 min.; 10 min.; 30 min.; 1 h ③	1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d
LED green and yellow	LED green and yellow	LED green and yellow	LED green and yellow	LED green and yellow
250 V AC	250 V AC	250 V AC	250 V AC	250 V AC
4 000 V AC ③ 1 000 V AC ③	4 000 V AC ③ 1 000 V AC ③	2 000 V AC ③ 1 000 V AC ③	2 000 V AC ③ 1 000 V AC ③	2 500 V AC ③ 1 500 V AC ③
III	III	III	III	II
90(98,8) x 17,5 x 64,6	90(98,8) x 17,5 x 64,6	90 x 17,6 x 55	90 x 17,6 x 55	90 x 36 x 55
> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)	> 3 x 10 ⁷ (cycles)	> 2 x 10 ⁷ (cycles)
IP 20 (EN 60529)	IP 20 (EN 60529)	IP 20 (EN 60529)	IP 20 (EN 60529)	IP 20 (EN 60529)
 (+) A1 ○ — □ — ○ A2 (–) 15 ○ — □ — 18 □ — 16 25 ○ — □ — 28 □ — 26 version 2 CO, AC/DC	 (+) A1 ○ — □ — ○ A2 (–) 15 ○ — □ — 18 □ — 16 25 ○ — □ — 28 □ — 26 version 2 x 1 CO	 S — □ — A1 (13) — □ — A2 (14) 11 (9) — □ — 14 (5) □ — 12 (1)	 S — □ — A1 (13) — □ — A2 (14) 11 (9) — □ — 14 (5) □ — 12 (1) 21 (10) — □ — 24 (6) □ — 22 (2)	 S — □ — A1 (13) — □ — A2 (14) 11 (9) — □ — 14 (5) □ — 12 (1) 21 (10) — □ — 24 (6) □ — 22 (2) 31 (11) — □ — 34 (7) □ — 32 (3) 41 (12) — □ — 44 (8) □ — 42 (4)
    RoHS	    RoHS	    RoHS	    RoHS	    RoHS
RPC-BP-...	RPC-2SD-UNI	TR4N 1 CO, 2 CO	TR4N 1 CO, 2 CO	TI4N 4 CO

① Descriptions and diagrams of time functions - see pages 113-114. ③ The control terminal S (B1) is activated by connection to A1 terminal via the external control contact S. ④ Time ranges T1 (start-up for the star); transit time T2: 0,05...0,9 s.

Type	T-R4 - GZM4	PIR15...T	COM3
Output circuit		with time module COM3 ^⑦ 	universal time modules 
Number and type of contacts	4 CO	2 CO, 3 CO ^⑦	^⑧
Contact material	AgNi	AgNi	
Max. voltage AC	250 V	440 V	
Rated load AC1 DC1	6 A / 230 V AC	10 A / 250 V AC 10 A / 24 V DC	
Input circuit			
Rated voltage AC	24, 115, 230 V 50/60 Hz	24, 48, 60, 110, 120, 230, 240 V 50/60 Hz	
DC	12, 24 V	24, 48, 60, 110, 120, 220 V	
AC/DC			24...240 V AC: 50/60 Hz
Control contact S	no	yes ^⑧	yes ^⑧
Time module			
Functions number	single-functions	multifunctions	multifunctions
Functions ^①	E (T-R4E) / Wu (T-R4Wu) Bp (T-R4Bp) / Bi (T-R4Bi)	E, Wu, Bp, Bi, R, Ws, Wa, Es	E, Wu, Bp, Bi, R, Ws, Wa, Es
Time ranges	1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 100 h	1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d	1 s; 10 s; 1 min.; 10 min.; 1 h; 10 h; 1 d; 10 d
Indicator	LED green and yellow	LED green	LED green
Insulation			
Insulation rated voltage	250 V AC	250 V AC	
Dielectric strength • input - output • contact clearance	2 500 V AC ^⑨ 1 500 V AC ^⑨	2 500 V AC ^⑨ 1 500 V AC ^⑨	
Overvoltage category	III	III	
General data			
Dimensions mm	75 x 27 x 91,5 ^⑨	73 x 38,2 x 85,4	26,5 x 35 x 47
Mechanical life	> 2 x 10 ⁷ (cycles)	> 2 x 10 ⁷ (cycles)	
Protection category	IP 20 (EN 60529)	IP 20 (EN 60529)	IP 40 (EN 60529)
Connection diagrams			
Recognitions, certifications, directives	 RoHS	 RoHS	 RoHS
Download data sheet	T-R4 - GZM4	PIR15...T	COM3

^① Descriptions and diagrams of time functions - see pages 113-114. ^② The control terminal S (B1) is activated by connection to A1 terminal via the external control contact S. ^③ T-R4: mounted in plug-in socket GZM4. ^④ PIR15 - 3 CO (standard) - set: R15 - 3 CO + GZP11; PIR15 - 2 CO - set: R15 - 2 CO + GZP8. ^⑤ According to relays R15 - 3 CO (2 CO).

^⑥ Type of insulation: basic

^⑦ Type of clearance: micro-disconnection