

Sockets - technical data

Type	Terminals	Signs credits	Rated load	Insulation (EN 60664-1)	
				Dielectric strength 50/60 Hz, 1 min. between coil and contacts	pole - pole
For RM699BV, RSR30					
PI6W	screw terminals	CE, cRUus, VDE, EAC	6 A / 250 V AC	4 000 V AC	–
PI6WB	spring terminals	CE, cRUus, VDE, EAC	6 A / 250 V AC	4 000 V AC	–
6W	screw terminals	CE, cRUus, EAC	6 A / 250 V AC	5 000 V AC	–
6WB	spring terminals	CE, cRUus, EAC	6 A / 250 V AC	5 000 V AC	–
GD699	for PCB	CE, EAC	6 A / 250 V AC	6 000 V AC	–
For RM84, RM85..., RM87L..., RM87P...					
GZT80	screw terminals	CE, cRUus, EAC, CSA	12 A / 300 V AC	5 000 V AC	3 000 V AC
GZM80	screw terminals	CE, cRUus, EAC, CSA	12 A / 300 V AC	5 000 V AC	3 000 V AC
GZS80	screw terminals	CE, cRUus, EAC	10 A / 300 V AC	4 000 V AC	2 500 V AC
For RM84, RM85..., RM87L..., RM87P..., RM83, RMP84, RMP85					
GZF80	screw terminals	CE, EAC	10 A / 250 V AC	2 000 V AC	3 000 V AC
GZP80	Push-in terminals	CE, cRUus, EAC	12 A / 300 V AC ①	5 000 V AC	3 000 V AC
EC 50	for PCB	EAC	12 A / 250 V AC	2 500 V AC	2 500 V AC
PW80	for PCB	EAC	12 A / 250 V AC	2 000 V AC	2 000 V AC
GD50	for PCB	RU, EAC	8 A / 300 V AC	2 000 V AC	2 000 V AC
For RM87N...					
GZT92	screw terminals	CE, cRUus, EAC, CSA	12 A / 300 V AC	5 000 V AC	–
GZM92	screw terminals	CE, cRUus, EAC, CSA	12 A / 300 V AC	5 000 V AC	–
GZS92	screw terminals	CE, cRUus, EAC	12 A / 300 V AC	4 000 V AC	–
EC 35	for PCB	EAC	12 A / 300 V AC	2 500 V AC	–
GD35	for PCB	RU, EAC	12 A / 300 V AC	2 000 V AC	–
For RM96 1 CO					
ES 32	screw terminals	CE, EAC	12 A / 300 V AC	2 500 V AC	–
For miniature relays					
EC 32	for PCB	EAC	12 A / 300 V AC	2 500 V AC	–
For R2N					
GZT2	screw terminals	CE, cRUus, EAC, CSA	12 A / 300 V AC	3 000 V AC	3 000 V AC
GZM2	screw terminals	CE, cRUus, EAC, CSA	12 A / 300 V AC	4 000 V AC	3 000 V AC
GZP4	Push-in terminals	CE, cRUus, EAC	12 A / 300 V AC ②	4 000 V AC	3 000 V AC
SU4/2D	for PCB	cRUus, EAC, CSA	12 A / 250 V AC	2 500 V AC	2 500 V AC
SU4/2L	solder terminals	CE, cRUus, EAC, CSA	12 A / 250 V AC	2 500 V AC	2 500 V AC
G4/2	solder terminals	CE, cRUus, EAC, CSA	12 A / 250 V AC	2 500 V AC	2 500 V AC
For R3N					
GZT3	screw terminals	CE, cRUus, EAC, CSA	10 A / 300 V AC	3 000 V AC	3 000 V AC
GZM3	screw terminals	CE, cRUus, EAC, CSA	10 A / 300 V AC	4 000 V AC	3 000 V AC

① One pole 12 A / 300 V AC, two poles 8 A / 300 V AC ② Two poles 12 A / 300 V AC, four poles 8 A / 300 V AC
 ③ For versions 110...125 V AC/DC and 220...240 V AC/DC: max. +55 °C ④ Ferrules without insulation 2 x 1,5 mm², ferrules with insulation 2 x 1 mm²

General data			Connections (mounting)			
Number of poles	Weight	Ambient temperature - operating (non-condensation and/or icing)	Protection category (EN 60529)	Max. cross section of the cables (stranded)	Stripping length	Max. tightening moment for the terminal
1	40 g	-40...+55 °C	IP 20	1 x 2,5 / 2 x 1,5 mm ²	9 mm	0,3 Nm
1	40 g	-40...+55 °C	IP 20	1 x 0,22...2,5 mm ²	9 mm	–
1	25 g	-40...+70 °C ③	IP 20	1 x 2,5 / 2 x 1,5 mm ²	7 mm	0,5 Nm
1	25 g	-40...+70 °C ③	IP 20	1 x 2,5 mm ²	7 mm	–
1	3 g	-40...+70 °C	IP 20	–	–	–
2	45 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,7 Nm
2	44 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,7 Nm
2	37 g	-40...+85 °C	IP 20	2 x 2,5 mm ²	6,5 mm	–
2	30 g	-40...+70 °C	IP 20	1 x 4 / 2 x 2,5 mm ²	7 mm	0,5 Nm
1, 2 ④	46 g	-20...+70 °C	IP 20	2 x 1,5 mm ² ④	8...10 mm	–
2	4 g	-40...+85 °C	–	–	–	–
2	4 g	-40...+85 °C	–	–	–	–
2	4 g	-40...+85 °C	–	–	–	–
1	38 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,7 Nm
1	40 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,7 Nm
1	33 g	-40...+85 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,5 Nm
1	4 g	-40...+85 °C	–	–	–	–
1	4 g	-40...+85 °C	–	–	–	–
1	37 g	-40...+85 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,5 Nm
1	4 g	-40...+85 °C	–	–	–	–
2	52 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,7 Nm
2	68 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,7 Nm
2, 4 ⑤	76 g	-20...+70 °C	IP 20	2 x 1,5 mm ² ④	8...10 mm	–
2	6 g	-40...+70 °C	–	–	–	–
2	6 g	-40...+70 °C	–	2 x 0,75 mm ²	–	–
2	6 g	-40...+70 °C	–	2 x 0,75 mm ²	–	–
3	60 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,7 Nm
3	68 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,7 Nm

Sockets - technical data

Type	Terminals	Signs credits	Rated load	Insulation (EN 60664-1)	
				between coil and contacts	pole - pole
For R4N, T-R4					
GZT4	screw terminals	CE, cRUus, EAC, CSA, LR	6 A / 300 V AC	3 000 V AC	3 000 V AC
GZM4	screw terminals	CE, cRUus, EAC, CSA	6 A / 300 V AC	4 000 V AC	3 000 V AC
For R4N					
GZ4	screw terminals	CE, EAC	10 A / 300 V AC	2 500 V AC	2 000 V AC
GS4	screw terminals	CE, cRUus, EAC	10 A / 300 V AC	2 500 V AC	2 000 V AC
GZP4	Push-in terminals	CE, cRUus, EAC	12 A / 300 V AC [Ⓔ]	4 000 V AC	3 000 V AC
SU4D	for PCB	cRUus, EAC, CSA	6 A / 250 V AC	2 500 V AC	2 000 V AC
SU4L	solder terminals	CE, cRUus, EAC, CSA	6 A / 250 V AC	2 500 V AC	2 000 V AC
G4	solder terminals	CE, cRUus, EAC, CSA	6 A / 250 V AC	2 500 V AC	2 000 V AC
For RY2					
GZY2G	screw terminals	CE, EAC	12 A / 250 V AC	2 000 V AC	2 000 V AC
For R2M					
GZ2	screw terminals	CE, EAC	7 A / 250 V AC	2 000 V AC	2 000 V AC
S2M	for PCB	cRUus, EAC	5 A / 250 V AC	2 000 V AC	2 000 V AC
G2M	solder terminals	CE, cRUus, EAC	5 A / 250 V AC	2 000 V AC	2 000 V AC
For R15 - 2 CO					
PZ8	screw terminals	CE, RU, EAC, CSA, LR	10 A / 250 V AC	2 500 V AC	2 500 V AC
GZU8	screw terminals	CE, RU, EAC, CSA	10 A / 250 V AC	2 500 V AC	2 500 V AC
GZ8	screw terminals	CE, EAC, CSA	10 A / 250 V AC	2 500 V AC	2 500 V AC
GZP8	screw terminals	CE, cRUus, EAC	12 A / 300 V AC	4 000 V AC	2 500 V AC
GOP8	solder terminals	CE, EAC	10 A / 250 V AC	2 000 V AC	2 000 V AC
For R15 - 3 CO					
PZ11	screw terminals	CE, RU, EAC, CSA, LR	10 A / 250 V AC	2 000 V AC	2 000 V AC
GZU11	screw terminals	CE, RU, EAC, CSA	10 A / 250 V AC	2 000 V AC	2 000 V AC
GZ11	screw terminals	CE, EAC, CSA	10 A / 250 V AC	2 000 V AC	2 000 V AC
GZP11	screw terminals	CE, cRUus, EAC	12 A / 300 V AC	2 500 V AC	2 000 V AC
GOP11	solder terminals	CE, EAC	10 A / 250 V AC	2 000 V AC	2 000 V AC
For R15 - 4 CO					
GZ14U	screw terminals	CE, EAC, CSA	10 A / 250 V AC	2 000 V AC	2 000 V AC
GZ14	screw terminals	CE, EAC, CSA	10 A / 250 V AC	2 000 V AC	2 000 V AC
GOP14	solder terminals	CE, EAC	10 A / 250 V AC	2 000 V AC	2 000 V AC
GZ14Z	screw terminals	CE, EAC	10 A / 250 V AC	2 000 V AC	2 000 V AC
GZ14P	Push-in terminals	CE	10 A / 250 V AC	2 500 V AC	2 000 V AC
For RUC faston 4,8 x 0,5, RUC-M					
GUC11S-V0	screw terminals	CE, EAC	16 A / 250 V AC	2 500 V AC	2 500 V AC

General data			Connections (mounting)			
Number of poles	Weight	Ambient temperature - operating (non-condensation and/or icing)	Protection category (EN 60529)	Max. cross section of the cables (stranded)	Stripping length	Max. tightening moment for the terminal
4	64 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,7 Nm
4	74 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,7 Nm
4	40 g	-40...+70 °C	IP 20	2 x 1,5 mm ²	7 mm	0,7 Nm
4	40 g	-40...+70 °C	IP 20	2 x 1,5 mm ²	7 mm	0,7 Nm
2, 4 [Ⓔ]	76 g	-20...+70 °C	IP 20	2 x 1,5 mm ² [Ⓕ]	8...10 mm	–
4	7 g	-40...+70 °C	–	–	–	–
4	7 g	-40...+70 °C	–	–	–	–
4	8 g	-40...+70 °C	–	2 x 0,75 mm ²	–	–
2	54 g	-25...+55 °C	IP 20	2 x 2,5 mm ²	7 mm	0,7 Nm
2	35 g	-40...+70 °C	IP 00	2 x 2,5 mm ²	7 mm	0,7 Nm
2	8 g	-40...+70 °C	–	–	–	–
2	8 g	-40...+70 °C	–	–	–	–
2	55 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	7 mm	0,7 Nm
2	70 g	-40...+70 °C	IP 00	2 x 2,5 mm ²	9,5 mm	0,7 Nm
2	80 g	-40...+70 °C	IP 00	2 x 2,5 mm ²	9,5 mm	0,7 Nm
2	50 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,5 Nm
2	25 g	-40...+70 °C	–	–	–	–
3	55 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	7 mm	0,7 Nm
3	70 g	-40...+70 °C	IP 00	2 x 2,5 mm ²	9,5 mm	0,7 Nm
3	80 g	-40...+70 °C	IP 00	2 x 2,5 mm ²	9,5 mm	0,7 Nm
3	55 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	6,5 mm	0,5 Nm
3	27 g	-40...+70 °C	–	–	–	–
4	120 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	9,5 mm	0,7 Nm
4	120 g	-40...+70 °C	IP 20	2 x 2,5 mm ²	9,5 mm	0,7 Nm
4	35 g	-40...+70 °C	–	–	–	–
4	120 g	-40...+55 °C	IP 00	2 x 2,5 mm ²	9,5 mm	0,7 Nm
4	90 g	-20...+55 °C	IP 20	2 x 2,5 mm ² [Ⓖ]	10 mm	–
3	72 g	-40...+70 °C	IP 00	1 x 4 mm ² / 2 x 2,5 mm ²	9 mm	0,7 Nm

[Ⓔ] Two poles 12 A / 300 V AC, four poles 8 A / 300 V AC [Ⓕ] Ferrules without insulation 2 x 1,5 mm², ferrules with insulation 2 x 1 mm²
[Ⓖ] Ferrules without insulation 2 x 2,5 mm², ferrules with insulation 2 x 1,5 mm²