

The group G is isomorphic to the group labelled by [36, 9] in the Small Groups library.

Ordinary character table of $G \cong (\text{C3} \times \text{C3}) : \text{C4}$:

	$1a$	$3a$	$3b$	$2a$	$4a$	$4b$
χ_1	1	1	1	1	1	1
χ_2	1	1	1	1	-1	-1
χ_3	1	1	1	-1	$E(4)$	$-E(4)$
χ_4	1	1	1	-1	$-E(4)$	$E(4)$
χ_5	4	1	-2	0	0	0
χ_6	4	-2	1	0	0	0

Trivial source character table of $G \cong (\text{C3} \times \text{C3}) : \text{C4}$ at $p = 2$:

Normalisers N_i	N_1			N_2	N_3
p -subgroups of G up to conjugacy in G	P_1			P_2	P_3
Representatives $n_j \in N_i$	$1a$	$3a$	$3b$	$1a$	$1a$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6$	4	4	4	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6$	4	1	-2	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6$	4	-2	1	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6$	2	2	2	2	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6$	1	1	1	1	1

$$P_1 = \text{Group}([\langle \rangle]) \cong 1$$

$$P_2 = \text{Group}([(1, 3)(2, 6)(4, 19)(5, 21)(7, 24)(8, 26)(9, 11)(10, 13)(12, 35)(14, 16)(15, 18)(17, 36)(20, 31)(22, 30)(23, 29)(25, 34)(27, 33)(28, 32)]) \cong \text{C2}$$

$$P_3 = \text{Group}([(1, 3)(2, 6)(4, 19)(5, 21)(7, 24)(8, 26)(9, 11)(10, 13)(12, 35)(14, 16)(15, 18)(17, 36)(20, 31)(22, 30)(23, 29)(25, 34)(27, 33)(28, 32), (1, 2, 3, 6)(4, 28, 19, 32)(5, 34, 21, 25)(7, 30, 24, 22)(8, 35, 26, 12)(9, 33, 11, 27)(10, 36, 13, 17)(14, 23, 16, 29)(15, 31, 18, 20)]) \cong \text{C4}$$

$$N_1 = \text{Group}([(1, 2, 3, 6)(4, 28, 19, 32)(5, 34, 21, 25)(7, 30, 24, 22)(8, 35, 26, 12)(9, 33, 11, 27)(10, 36, 13, 17)(14, 23, 16, 29)(15, 31, 18, 20), (1, 3)(2, 6)(4, 19)(5, 21)(7, 24)(8, 26)(9, 11)(10, 13)(12, 35)(14, 16)(15, 18)(17, 36)(20, 31)(22, 30)(23, 29)(25, 34)(27, 33)(28, 32), (1, 4, 11)(2, 7, 16)(3, 9, 19)(5, 12, 22)(6, 14, 24)(8, 17, 27)(10, 20, 29)(13, 23, 31)(15, 25, 32)(18, 28, 34)(21, 30, 35)(26, 33, 36), (1, 5, 13)(2, 8, 18)(3, 10, 21)(4, 12, 23)(6, 15, 26)(7, 17, 28)(9, 20, 30)(11, 22, 31)(14, 25, 33)(16, 27, 34)(19, 29, 35)(24, 32, 36)]) \cong (\text{C3} \times \text{C3}) : \text{C4}$$

$$N_2 = \text{Group}([(1, 3)(2, 6)(4, 19)(5, 21)(7, 24)(8, 26)(9, 11)(10, 13)(12, 35)(14, 16)(15, 18)(17, 36)(20, 31)(22, 30)(23, 29)(25, 34)(27, 33)(28, 32), (1, 2, 3, 6)(4, 28, 19, 32)(5, 34, 21, 25)(7, 30, 24, 22)(8, 35, 26, 12)(9, 33, 11, 27)(10, 36, 13, 17)(14, 23, 16, 29)(15, 31, 18, 20)]) \cong \text{C4}$$

$$N_3 = \text{Group}([(1, 2, 3, 6)(4, 28, 19, 32)(5, 34, 21, 25)(7, 30, 24, 22)(8, 35, 26, 12)(9, 33, 11, 27)(10, 36, 13, 17)(14, 23, 16, 29)(15, 31, 18, 20), (1, 3)(2, 6)(4, 19)(5, 21)(7, 24)(8, 26)(9, 11)(10, 13)(12, 35)(14, 16)(15, 18)(17, 36)(20, 31)(22, 30)(23, 29)(25, 34)(27, 33)(28, 32)]) \cong \text{C4}$$