

The group G is isomorphic to the group labelled by [72, 15] in the Small Groups library.

Ordinary character table of $G \cong ((C2 \times C2) : C9) : C2$:

	1a	3a	2a	9a	9b	9c	2b	6a	4a
χ_1	1	1	1	1	1	1	1	1	1
χ_2	1	1	-1	1	1	1	1	1	-1
χ_3	2	2	0	-1	-1	-1	2	2	0
χ_4	2	-1	0	$E(9)^4 + E(9)^5$	$-E(9)^2 - E(9)^4 - E(9)^5 - E(9)^7$	$E(9)^2 + E(9)^7$	2	-1	0
χ_5	2	-1	0	$E(9)^2 + E(9)^7$	$E(9)^4 + E(9)^5$	$-E(9)^2 - E(9)^4 - E(9)^5 - E(9)^7$	2	-1	0
χ_6	2	-1	0	$-E(9)^2 - E(9)^4 - E(9)^5 - E(9)^7$	$E(9)^2 + E(9)^7$	$E(9)^4 + E(9)^5$	2	-1	0
χ_7	3	3	-1	0	0	0	-1	-1	1
χ_8	3	3	1	0	0	0	-1	-1	-1
χ_9	6	-3	0	0	0	0	-2	1	0

Trivial source character table of $G \cong ((C2 \times C2) : C9) : C2$ at $p = 3$:

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	2a	2b	4a	1a	2a	2b	4a	1a	2a
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9$	9	1	-3	-1	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9$	9	-1	-3	1	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	9	1	9	1	0	0	0	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	9	-1	9	-1	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9$	3	1	-1	-1	3	1	-1	-1	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	3	-1	-1	1	3	-1	-1	1	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	3	-1	3	-1	3	-1	3	-1	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	3	1	3	1	3	1	3	1	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	1	-1	1	-1	1	-1	1	-1	1	-1
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9$	1	1	1	1	1	1	1	1	1	1

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

$$P_2 = \text{Group}([(5, 7, 10)(6, 9, 12)(8, 11, 13)]) \cong C3$$

$$P_3 = \text{Group}([(5, 7, 10)(6, 9, 12)(8, 11, 13), (2, 4, 3)(5, 11, 9, 7, 13, 12, 10, 8, 6)]) \cong C9$$

$$N_1 = \text{Group}([(2, 3)(6, 11)(7, 10)(8, 9)(12, 13), (2, 3, 4)(5, 6, 8, 10, 12, 13, 7, 9, 11), (5, 7, 10)(6, 9, 12)(8, 11, 13), (1, 2)(3, 4), (1, 3)(2, 4)]) \cong ((C2 \times C2) : C9) : C2$$

$$N_2 = \text{Group}([(2, 3)(6, 11)(7, 10)(8, 9)(12, 13), (2, 3, 4)(5, 6, 8, 10, 12, 13, 7, 9, 11), (5, 7, 10)(6, 9, 12)(8, 11, 13), (1, 2)(3, 4), (1, 3)(2, 4)]) \cong ((C2 \times C2) : C9) : C2$$

$$N_3 = \text{Group}([(2, 4, 3)(5, 11, 9, 7, 13, 12, 10, 8, 6), (3, 4)(5, 13)(6, 12)(7, 11)(8, 10), (5, 7, 10)(6, 9, 12)(8, 11, 13)]) \cong D18$$