

The group G is isomorphic to the group labelled by [72, 13] in the Small Groups library.
Ordinary character table of $G \cong (\text{C3} \times \text{C3}) : \text{C8}$:

	1a	3a	3b	3c	3d	8a	4a	12a	12b	12c	12d	8b	2a	6a	6b	6c	6d	8c	4b	12e	12f	12g	12h	8d
X ₁	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
X ₂	1	1	1	1	1	-1	1	1	1	1	1	-1	1	1	1	1	1	-1	1	1	1	1	1	-1
X ₃	1	1	1	1	1	-E(4)	-1	-1	-1	-1	-1	E(4)	1	1	1	1	1	-E(4)	-1	-1	-1	-1	-1	E(4)
X ₄	1	1	1	1	1	E(4)	-1	-1	-1	-1	-1	-E(4)	1	1	1	1	1	E(4)	-1	-1	-1	-1	-1	-E(4)
X ₅	1	1	1	1	1	-E(8)	E(4)	E(4)	E(4)	E(4)	E(4)	-E(8) ³	-1	-1	-1	-1	-1	E(8)	-E(4)	-E(4)	-E(4)	-E(4)	-E(4)	E(8)
X ₆	1	1	1	1	1	-E(8) ³	-E(4)	-E(4)	-E(4)	-E(4)	-E(4)	-E(8)	-1	-1	-1	-1	-1	E(8) ³	E(4)	E(4)	E(4)	E(4)	E(4)	E(8)
X ₇	1	1	1	1	1	E(8) ³	-E(4)	-E(4)	-E(4)	-E(4)	-E(4)	E(8)	-1	-1	-1	-1	-1	-E(8) ³	E(4)	E(4)	E(4)	E(4)	E(4)	-E(8)
X ₈	1	1	1	1	1	E(8)	E(4)	E(4)	E(4)	E(4)	E(4)	E(8) ³	-1	-1	-1	-1	-1	-E(8)	-E(4)	-E(4)	-E(4)	-E(4)	-E(4)	-E(8) ³
X ₉	2	2	-1	-1	-1	0	2	2	-1	-1	-1	0	2	2	-1	-1	-1	0	2	2	-1	-1	-1	0
X ₁₀	2	2	-1	-1	-1	0	-2	-2	1	1	1	0	2	2	-1	-1	-1	0	-2	-2	1	1	1	0
X ₁₁	2	-1	2	-1	-1	0	2	-1	2	-1	-1	0	2	-1	2	-1	-1	0	2	-1	2	-1	-1	0
X ₁₂	2	-1	2	-1	-1	0	-2	1	-2	1	1	0	2	-1	2	-1	-1	0	-2	1	-2	1	1	0
X ₁₃	2	-1	-1	-1	2	0	-2	1	1	-1	-2	0	2	-1	-1	-1	2	0	-2	1	1	1	-2	0
X ₁₄	2	-1	-1	-1	2	0	2	-1	1	-1	2	0	2	-1	-1	-1	-2	0	2	-1	-1	-1	2	0
X ₁₅	2	-1	-1	2	-1	0	-2	1	1	-2	1	0	2	-1	-1	2	-1	0	-2	1	1	-2	1	0
X ₁₆	2	-1	-1	2	-1	0	2	-1	-1	2	-1	0	2	-1	-1	2	-1	0	2	-1	-1	2	-1	0
X ₁₇	2	2	-1	-1	-1	0	-2 * E(4)	-2 * E(4)	E(4)	E(4)	E(4)	0	-2	-2	1	1	1	0	2 * E(4)	2 * E(4)	-E(4)	-E(4)	-E(4)	0
X ₁₈	2	2	-1	-1	-1	0	2 * E(4)	2 * E(4)	-E(4)	-E(4)	-E(4)	0	-2	-2	1	1	1	0	-2 * E(4)	-2 * E(4)	E(4)	E(4)	E(4)	0
X ₁₉	2	-1	2	-1	-1	0	-2 * E(4)	E(4)	-2 * E(4)	E(4)	E(4)	0	-2	1	-2	1	1	0	2 * E(4)	-E(4)	2 * E(4)	-E(4)	-E(4)	0
X ₂₀	2	-1	2	-1	-1	0	2 * E(4)	-E(4)	2 * E(4)	-E(4)	-E(4)	0	-2	-2	-2	1	1	0	-2 * E(4)	E(4)	-2 * E(4)	E(4)	E(4)	0
X ₂₁	2	-1	-1	-1	2	0	-2 * E(4)	E(4)	E(4)	E(4)	-2 * E(4)	0	-2	1	1	1	-2	0	2 * E(4)	-E(4)	-E(4)	-E(4)	2 * E(4)	0
X ₂₂	2	-1	-1	-1	2	0	2 * E(4)	-E(4)	-E(4)	-E(4)	2 * E(4)	0	-2	1	1	1	-2	0	-2 * E(4)	E(4)	E(4)	-E(4)	-2 * E(4)	0
X ₂₃	2	-1	-1	2	-1	0	-2 * E(4)	E(4)	E(4)	-2 * E(4)	E(4)	0	-2	1	1	-2	1	0	2 * E(4)	-E(4)	-E(4)	2 * E(4)	-E(4)	0
X ₂₄	2	-1	-1	2	-1	0	2 * E(4)	-E(4)	-E(4)	-2 * E(4)	-E(4)	0	-2	1	1	-2	1	0	-2 * E(4)	E(4)	E(4)	-2 * E(4)	E(4)	0

Trivial source character table of $G \cong (\text{C3} \times \text{C3}) : \text{C8}$ at $p = 3$:

[illegible]
$$P_1 = \text{Group}([()]) \cong 1$$
$$P_2 = Group([(9, 11, 10)]) \cong C3$$
$$P_3 = \text{Group}([(12, 14, 13)]) \cong C_3$$
$$P_4 = \text{Group}([(9, 11, 10)(12, 14, 13)]) \cong \text{C3}$$
$$P_5 = Group([(9, 11, 10)(12, 13, 14)]) \cong C3$$
$$P_6 = \text{Group}([(9, 11, 10), (12, 14, 13)]) \cong C3 \times C3$$

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$$N_1 = \text{Group}([(1, 4, 7, 2, 5, 8, 3, 6)(10, 11)(13, 14), ($$
$$N_2 = Group([(1, 4, 7, 2, 5, 8, 3, 6)(10, 11)(13, 14), (1, 7, 5, 3)(2, 8, 6, 4), (1, 5)(2, 6)(3, 7)(4, 8), (9, 10, 11), (12, 13, 14)]) \cong (C3 \times C3) : C8$$
$$N_2 = \text{Group}([(1, 4, 7, 2, 5, 8, 3, 6)(10, 11)(13, 14), (1, 7, 5, 3)(2, 8, 6, 4), (1, 5)(2, 6)(3, 7)(4, 8), (9, 10, 11), (12, 13, 14)]) \cong (\text{C3} \times \text{C3}) : \text{C8}$$
$$N_4 = Group([(1, 4, 7, 2, 5, 8, 3, 6)(10, 11)(13, 14), (1, 7, 5, 3)(2, 8, 6, 4), (1, 5)(2, 6)(3, 7)(4, 8), (9, 10, 11), (12, 13, 14)]) \cong (C3 \times C3) : C8$$
$$N_8 = \text{Group}([(1, 4, 7, 2, 5, 8, 3, 6)(10, 11)(13, 14), (1, 7, 5, 3)(2, 8, 6, 4), (1, 5)(2, 6)(3, 7)(4, 8), (9, 10, 11), (12, 13, 14)]) \cong (\text{C3} \times \text{C3}) : \text{C8}$$
$$N_8 = \text{Group}([(1, 4, 7, 2, 5, 8, 3, 6)(10, 11)(13, 14), (1, 7, 5, 3)(2, 8, 6, 4), (1, 5)(2, 6)(3, 7)(4, 8), (9, 10, 11), (12, 13, 14)]) \cong (C3 \times C3) : C8$$
[illegible]