

The group G is isomorphic to the group labelled by [72, 24] in the Small Groups library.
 Ordinary character table of $G \cong (\text{C3} \times \text{C3}) : \text{Q8}$:

	1a	2a	4a	3a	6a	4b	4c	12a	12b	3b	6b	12c	12d	3c	6c
χ_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
χ_2	1	1	-1	1	1	-1	1	-1	-1	1	1	-1	-1	1	1
χ_3	1	1	-1	1	1	1	-1	1	1	1	1	-1	-1	1	1
χ_4	1	1	1	1	1	-1	-1	-1	-1	1	1	1	1	1	1
χ_5	2	2	-2	2	2	0	0	0	0	-1	-1	1	1	-1	-1
χ_6	2	2	2	2	2	0	0	0	0	-1	-1	-1	-1	-1	-1
χ_7	2	-2	0	2	-2	0	0	0	0	2	-2	0	0	2	-2
χ_8	2	2	0	-1	-1	-2	0	1	1	2	2	0	0	-1	-1
χ_9	2	2	0	-1	-1	2	0	-1	-1	2	2	0	0	-1	-1
χ_{10}	2	-2	0	-1	1	0	0	$-E(12)^7 + E(12)^{11}$	$E(12)^7 - E(12)^{11}$	2	-2	0	0	-1	1
χ_{11}	2	-2	0	-1	1	0	0	$E(12)^7 - E(12)^{11}$	$-E(12)^7 + E(12)^{11}$	2	-2	0	0	-1	1
χ_{12}	2	-2	0	2	-2	0	0	0	0	-1	1	$-E(12)^7 + E(12)^{11}$	$E(12)^7 - E(12)^{11}$	-1	1
χ_{13}	2	-2	0	2	-2	0	0	0	0	-1	1	$E(12)^7 - E(12)^{11}$	$-E(12)^7 + E(12)^{11}$	-1	1
χ_{14}	4	4	0	-2	-2	0	0	0	0	-2	-2	0	0	1	1
χ_{15}	4	-4	0	-2	2	0	0	0	0	-2	2	0	0	1	-1

Trivial source character table of $G \cong (\text{C3} \times \text{C3}) : \text{Q8}$ at $p = 2$:

Normalisers N_i	N_1				N_2				N_3		N_4		N_5	N_6
p -subgroups of G up to conjugacy in G	P_1				P_2				P_3		P_4		P_5	P_6
Representatives $n_j \in N_i$	1a	3a	3b	3c	1a	3b	3a	3c	1a	3a	1a	3a	1a	1a
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 2 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	8	8	8	8	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	8	-4	8	-4	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	8	8	-4	-4	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15}$	8	-4	-4	2	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	4	4	4	4	4	4	4	4	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	4	4	-2	-2	4	-2	4	-2	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15}$	4	-2	-2	1	4	-2	-2	1	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	4	-2	4	-2	4	4	-2	-2	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	2	2	2	2	2	2	2	2	2	2	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	2	-1	2	-1	2	2	-1	-1	2	-1	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	2	2	2	2	2	2	2	2	0	0	2	2	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	2	2	-1	-1	2	-1	2	-1	0	0	2	-1	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	2	2	2	2	2	2	2	2	0	0	0	0	2	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15}$	1	1	1	1	1	1	1	1	1	1	1	1	1	1

$P_1 = \text{Group}([(())]) \cong 1$
 $P_2 = \text{Group}([(7, 10)(8, 12)(9, 13)(11, 14)]) \cong \text{C2}$
 $P_3 = \text{Group}([(7, 10)(8, 12)(9, 13)(11, 14), (2, 3)(7, 9, 10, 13)(8, 11, 12, 14)]) \cong \text{C4}$
 $P_4 = \text{Group}([(7, 10)(8, 12)(9, 13)(11, 14), (5, 6)(7, 8, 10, 12)(9, 14, 13, 11)]) \cong \text{C4}$
 $P_5 = \text{Group}([(7, 10)(8, 12)(9, 13)(11, 14), (2, 3)(5, 6)(7, 14, 10, 11)(8, 9, 12, 13)]) \cong \text{C4}$
 $P_6 = \text{Group}([(7, 10)(8, 12)(9, 13)(11, 14), (2, 3)(7, 9, 10, 13)(8, 11, 12, 14), (5, 6)(7, 8, 10, 12)(9, 14, 13, 11)]) \cong \text{Q8}$

$N_1 = \text{Group}([(5, 6)(7, 8, 10, 12)(9, 14, 13, 11), (2, 3)(7, 9, 10, 13)(8, 11, 12, 14), (7, 10)(8, 12)(9, 13)(11, 14), (1, 2, 3), (4, 5, 6)]) \cong (\text{C3} \times \text{C3}) : \text{Q8}$
 $N_2 = \text{Group}([(5, 6)(7, 8, 10, 12)(9, 14, 13, 11), (2, 3)(7, 9, 10, 13)(8, 11, 12, 14), (7, 10)(8, 12)(9, 13)(11, 14), (1, 2, 3), (4, 5, 6)]) \cong (\text{C3} \times \text{C3}) : \text{Q8}$
 $N_3 = \text{Group}([(2, 3)(7, 13, 10, 9)(8, 14, 12, 11), (4, 5, 6), (5, 6)(7, 12, 10, 8)(9, 11, 13, 14), (7, 10)(8, 12)(9, 13)(11, 14)]) \cong \text{C3} : \text{Q8}$
 $N_4 = \text{Group}([(5, 6)(7, 12, 10, 8)(9, 11, 13, 14), (1, 2)(7, 13, 10, 9)(8, 14, 12, 11), (2, 3)(7, 13, 10, 9)(8, 14, 12, 11), (7, 10)(8, 12)(9, 13)(11, 14)]) \cong \text{C3} : \text{Q8}$
 $N_5 = \text{Group}([(2, 3)(5, 6)(7, 11, 10, 14)(8, 13, 12, 9), (5, 6)(7, 12, 10, 8)(9, 11, 13, 14), (7, 10)(8, 12)(9, 13)(11, 14)]) \cong \text{Q8}$
 $N_6 = \text{Group}([(2, 3)(7, 13, 10, 9)(8, 14, 12, 11), (5, 6)(7, 12, 10, 8)(9, 11, 13, 14), (7, 10)(8, 12)(9, 13)(11, 14)]) \cong \text{Q8}$