The group G is isomorphic to the group labelled by [32, 45] in the Small Groups library. Ordinary character table of $G \cong C4 \times C2 \times C2 \times C2$:

p-subgroups of G up to conjugacy in $\frac{1}{11} + \frac{1}{11} + \frac{1}{11}$ $\frac{1}{\sqrt{1}} + \frac{1}{\sqrt{2}} + \frac{1$ $\frac{1}{1} + \frac{1}{1} + \frac{1}$ $\frac{1}{1} + \frac{1}{1} + \frac{1}$ $\frac{\chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_2 + 1 \cdot \chi_{30} + 0 \cdot \chi_{11} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_2 + 1 \cdot \chi_{30} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{25} + 0 \cdot \chi_{26} + 0 \cdot \chi_{27} + 0 \cdot \chi_{28} + 1 \cdot \chi_{29} + 1 \cdot \chi_{30} + 0 \cdot \chi_{11} + 0$ $\frac{1}{1} + \frac{1}{1} + \frac{1}$ $\frac{1}{\sqrt{1}} + \frac{1}{\sqrt{1}} + \frac{1$ $\frac{1}{1} + \frac{1}{1} + \frac{1}$ $\frac{1}{1} + \frac{1}{1} + \frac{1}$ $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_4 + 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_1 + 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot$ $\frac{1}{1} \frac{1}{1} \frac{1}$

 $P_1 = Group([()]) \cong 1$ $P_2 = Group([(7,9)(8,10)]) \cong C2$ $P_3 = Group([(1,2)(3,4)(7,9)(8,10)]) \cong C2$ $P_4 = Group([(1,2)(3,4)]) \cong C2$ $P_5 = Group([(5,6)]) \cong C2$ $P_6 = Group([(5,6)(7,9)(8,10)]) \cong C2$ $P_7 = Group([(1,2)(5,6)(7,9)(8,10)]) \cong C2$ $P_8 = Group([(1,2)(5,6)]) \cong C2$ $P_9 = Group([(1,2)(7,9)(8,10)]) \cong C2$ $P_{10} = Group([(3,4)]) \cong C2$ $P_{11} = Group([(3,4)(7,9)(8,10)]) \cong C2$ $P_{12} = Group([(1,2)(3,4)(5,6)(7,9)(8,10)]) \cong C2$ $P_{13} = Group([(1,2)]) \cong C2$ $P_{14} = Group([(1,2)(3,4)(5,6)]) \cong C2$ $P_{15} = Group([(3,4)(5,6)(7,9)(8,10)]) \cong C2$ $P_{16} = Group([(3,4)(5,6)]) \cong C2$ $P_{17} = Group([(7,9)(8,10),(1,2)]) \cong C2 \times C2$ $P_{18} = Group([(5,6)(7,9)(8,10), (3,4)(7,9)(8,10)]) \cong C2 \times C2$ $P_{19} = Group([(7,9)(8,10),(3,4)(5,6)]) \cong C2 \times C2$ $P_{20} = Group([(5,6),(3,4)(7,9)(8,10)]) \cong C2 \times C2$ $P_{21} = Group([(5,6),(3,4)]) \cong C2 \times C2$ $P_{22} = Group([(7,9)(8,10),(1,2)(3,4)(5,6)]) \cong C2 \times C2$ $P_{23} = Group([(3,4)(5,6)(7,9)(8,10),(1,2)(7,9)(8,10)]) \cong C2 \times C2$ $P_{24} = Group([(3,4)(5,6)(7,9)(8,10),(1,2)]) \cong C2 \times C2$ $P_{25} = Group([(3,4)(5,6),(1,2)(7,9)(8,10)]) \cong C2 \times C2$ $P_{26} = Group([(7,9)(8,10), (3,4)(5,6)(7,8,9,10)]) \cong C4$ $P_{27} = Group([(5,6)(7,9)(8,10),(3,4)]) \cong C2 \times C2$ $P_{28} = Group([(7,9)(8,10),(3,4)(7,8,9,10)]) \cong C4$ $P_{29} = Group([(7,9)(8,10),(3,4)]) \cong C2 \times C2$ $P_{30} = Group([(3,4)(5,6),(1,2)]) \cong C2 \times C2$ $P_{31} = Group([(7,9)(8,10),(1,2)(7,8,9,10)]) \cong C4$ $P_{32} = Group([(1,2)(5,6)(7,9)(8,10), (1,2)(3,4)(7,9)(8,10)]) \cong C2 \times C2$ $P_{33} = Group([(5,6),(1,2)]) \cong C2 \times C2$ $P_{34} = Group([(5,6),(1,2)(7,9)(8,10)]) \cong C2 \times C2$ $P_{35} = Group([(5,6)(7,9)(8,10),(1,2)]) \cong C2 \times C2$ $P_{36} = Group([(5,6)(7,9)(8,10), (1,2)(7,9)(8,10)]) \cong C2 \times C2$ $P_{37} = Group([(7,9)(8,10),(1,2)(5,6)]) \cong C2 \times C2$ $P_{38} = Group([(7,9)(8,10), (5,6)(7,8,9,10)]) \cong C4$ $P_{39} = Group([(7,9)(8,10), (1,2)(3,4)(5,6)(7,8,9,10)]) \cong C4$ $P_{40} = Group([(1,2)(5,6)(7,9)(8,10),(1,2)(3,4)]) \cong C2 \times C2$ $P_{41} = Group([(1,2)(5,6),(1,2)(3,4)(7,9)(8,10)]) \cong C2 \times C2$ $P_{42} = Group([(1,2)(5,6),(1,2)(3,4)]) \cong C2 \times C2$ $P_{43} = Group([(5,6)(7,9)(8,10), (1,2)(3,4)(7,9)(8,10)]) \cong C2 \times C2$ $P_{44} = Group([(7,9)(8,10),(1,2)(5,6)(7,8,9,10)]) \cong C4$ $P_{45} = Group([(5,6)(7,9)(8,10),(1,2)(3,4)]) \cong C2 \times C2$ $P_{46} = Group([(3,4),(1,2)]) \cong C2 \times C2$ $P_{47} = Group([(3,4),(1,2)(7,9)(8,10)]) \cong C2 \times C2$ $P_{48} = Group([(1,2)(5,6),(3,4)(7,9)(8,10)]) \cong C2 \times C2$ $P_{49} = Group([(3,4)(7,9)(8,10), (1,2)(7,9)(8,10)]) \cong C2 \times C2$ $P_{50} = Group([(7,9)(8,10),(1,2)(3,4)]) \cong C2 \times C2$ $P_{51} = Group([(7,9)(8,10),(5,6)]) \cong C2 \times C2$ $P_{52} = Group([(7,9)(8,10), (7,8,9,10)]) \cong C4$ $P_{53} = Group([(5,6), (1,2)(3,4)(7,9)(8,10)]) \cong C2 \times C2$ $P_{54} = Group([(5,6),(1,2)(3,4)]) \cong C2 \times C2$ $P_{55} = Group([(1,2)(5,6)(7,9)(8,10),(3,4)(7,9)(8,10)]) \cong C2 \times C2$ $P_{56} = Group([(1,2)(5,6)(7,9)(8,10),(3,4)]) \cong C2 \times C2$ $P_{57} = Group([(7,9)(8,10),(1,2)(3,4)(7,8,9,10)]) \cong C4$ $P_{58} = Group([(3,4)(7,9)(8,10),(1,2)]) \cong C2 \times C2$ $P_{59} = Group([(1,2)(5,6),(3,4)]) \cong C2 \times C2$ $P_{60} = Group([(7,9)(8,10), (7,8,9,10), (1,2)(5,6)]) \cong C4 \times C2$ $P_{61} = Group([(7,9)(8,10),(3,4)(7,8,9,10),(1,2)]) \cong C4 \times C2$ $P_{62} = Group([(7,9)(8,10),(1,2)(7,8,9,10),(1,2)(3,4)]) \cong C4 \times C2$ $P_{63} = Group([(7,9)(8,10),(5,6),(1,2)(3,4)]) \cong C2 \times C2 \times C2$ $P_{64} = Group([(7,9)(8,10), (7,8,9,10), (1,2)(3,4)]) \cong C4 \times C2$ $P_{65} = Group([(7,9)(8,10),(1,2)(7,8,9,10),(3,4)]) \cong C4 \times C2$ $P_{66} = Group([(7,9)(8,10),(3,4),(1,2)]) \cong C2 \times C2 \times C2$ $P_{67} = Group([(7,9)(8,10), (5,6)(7,8,9,10), (1,2)]) \cong C4 \times C2$ $P_{68} = Group([(7,9)(8,10),(1,2)(5,6),(1,2)(3,4)]) \cong C2 \times C2 \times C2$ $P_{69} = Group([(7,9)(8,10),(1,2)(7,8,9,10),(1,2)(5,6)]) \cong C4 \times C2$ $P_{70} = Group([(7,9)(8,10),(1,2)(5,6),(3,4)]) \cong C2 \times C2 \times C2$ $P_{71} = Group([(7,9)(8,10),(1,2)(7,8,9,10),(5,6)]) \cong C4 \times C2$ $P_{72} = Group([(7,9)(8,10),(5,6),(1,2)]) \cong C2 \times C2 \times C2$ $P_{73} = Group([(7,9)(8,10),(3,4)(5,6),(1,2)]) \cong C2 \times C2 \times C2$ $P_{74} = Group([(7,9)(8,10), (7,8,9,10), (1,2)]) \cong C4 \times C2$ $P_{75} = Group([(7,9)(8,10), (5,6)(7,8,9,10), (3,4)]) \cong C4 \times C2$ $P_{76} = Group([(7,9)(8,10),(3,4)(7,8,9,10),(3,4)(5,6)]) \cong C4 \times C2$ $P_{77} = Group([(7,9)(8,10), (7,8,9,10), (3,4)(5,6)]) \cong C4 \times C2$

 $P_{78} = Group([(7,9)(8,10), (3,4)(7,8,9,10), (5,6)]) \cong C4 \times C2$ $P_{79} = Group([(7,9)(8,10), (5,6), (3,4)]) \cong C2 \times C2 \times C2$ $P_{80} = Group([(7,9)(8,10), (7,8,9,10), (3,4)]) \cong C4 \times C2$

$$\begin{split} P_{81} &= Group([(7,9)(8,10),(1,2)(3,4)(7,8,9,10),(5,6)]) \cong \text{C4} \times \text{C2} \\ P_{82} &= Group([(7,9)(8,10),(3,4)(7,8,9,10),(1,2)(5,6)]) \cong \text{C4} \times \text{C2} \\ P_{83} &= Group([(7,9)(8,10),(1,2)(3,4)(7,8,9,10),(1,2)(5,6)]) \cong \text{C4} \times \text{C2} \\ P_{84} &= Group([(7,9)(8,10),(1,2)(7,8,9,10),(3,4)(5,6)]) \cong \text{C4} \times \text{C2} \\ P_{85} &= Group([(7,9)(8,10),(7,8,9,10),(1,2)(3,4)(5,6)]) \cong \text{C4} \times \text{C2} \\ P_{86} &= Group([(7,9)(8,10),(1,2)(7,8,9,10),(1,2)(3,4)(5,6)]) \cong \text{C4} \times \text{C2} \\ P_{87} &= Group([(7,9)(8,10),(1,2)(3,4)(7,8,9,10),(3,4)(5,6)]) \cong \text{C4} \times \text{C2} \\ P_{88} &= Group([(7,9)(8,10),(3,4)(7,8,9,10),(1,2)(3,4)(5,6)]) \cong \text{C4} \times \text{C2} \\ P_{89} &= Group([(7,9)(8,10),(1,2)(3,4)(7,8,9,10),(1,2)(3,4)(5,6)]) \cong \text{C4} \times \text{C2} \\ P_{80} &= Group([(7,9)(8,10),(1,2)(3,4)(7,8,9,10),(1,2)(3,4)(5,6)]) \cong \text{C4} \times \text{C2} \\ P_{80} &= Group([(7,9)(8,10),(1,2)(3,4)(7,8,9,10),(1,2)(3,4)(5,6)]) \cong \text{C4} \times \text{C2} \\ P_{80} &= Group([(7,9)(8,10),(1,2)(3,4$$

 $P_{90} = Group([(7,9)(8,10), (1,2)(5,6)(7,8,9,10), (3,4)]) \cong C4 \times C2$ $P_{91} = Group([(5,6)(7,9)(8,10), (3,4), (1,2)]) \cong C2 \times C2 \times C2$

 $P_{94} = Group([(7,9)(8,10), (7,8,9,10), (5,6)]) \cong C4 \times C2$

 $P_{97} = Group([(5,6),(3,4),(1,2)]) \cong C2 \times C2 \times C2$

 $P_{92} = Group([(7,9)(8,10), (1,2)(5,6)(7,8,9,10), (1,2)(3,4)]) \cong C4 \times C2$ $P_{93} = Group([(7,9)(8,10), (3,4)(5,6)(7,8,9,10), (1,2)]) \cong C4 \times C2$

 $P_{96} = Group([(5,6)(7,9)(8,10),(3,4)(7,9)(8,10),(1,2)]) \cong C2 \times C2 \times C2$

 $P_{95} = Group([(5,6)(7,9)(8,10),(3,4)(7,9)(8,10),(1,2)(7,9)(8,10)]) \cong C2 \times C2 \times C2$

 $P_{98} = Group([(5,6),(3,4),(1,2)(7,9)(8,10)]) \cong C2 \times C2 \times C2$ $P_{99} = Group([(5,6),(3,4)(7,9)(8,10),(1,2)]) \cong C2 \times C2 \times C2$ $P_{100} = Group([(5,6),(3,4)(7,9)(8,10),(1,2)(7,9)(8,10)]) \cong C2 \times C2 \times C2$ $P_{101} = Group([(7,9)(8,10), (5,6)(7,8,9,10), (1,2)(3,4)]) \cong C4 \times C2$ $P_{102} = Group([(5,6)(7,9)(8,10),(3,4),(1,2)(7,9)(8,10)]) \cong C2 \times C2 \times C2$ $P_{103} = Group([(7,9)(8,10),(5,6),(3,4),(1,2)]) \cong C2 \times C2 \times C2 \times C2$ $P_{104} = Group([(7,9)(8,10), (7,8,9,10), (3,4), (1,2)]) \cong C4 \times C2 \times C2$ $P_{105} = Group([(7,9)(8,10), (5,6)(7,8,9,10), (3,4), (1,2)]) \cong C4 \times C2 \times C2$ $P_{106} = Group([(7,9)(8,10), (7,8,9,10), (5,6), (1,2)]) \cong C4 \times C2 \times C2$ $P_{107} = Group([(7,9)(8,10), (5,6), (3,4)(7,8,9,10), (1,2)]) \cong C4 \times C2 \times C2$ $P_{108} = Group([(7,9)(8,10), (7,8,9,10), (3,4)(5,6), (1,2)]) \cong C4 \times C2 \times C2$ $P_{109} = Group([(7,9)(8,10),(5,6)(7,8,9,10),(3,4)(7,8,9,10),(1,2)]) \cong C4 \times C2 \times C2$ $P_{110} = Group([(7,9)(8,10), (7,8,9,10), (5,6), (3,4)]) \cong C4 \times C2 \times C2$ $P_{111} = Group([(7,9)(8,10), (5,6), (3,4), (1,2)(7,8,9,10)]) \cong C4 \times C2 \times C2$ $P_{112} = Group([(7,9)(8,10), (7,8,9,10), (3,4), (1,2)(5,6)]) \cong C4 \times C2 \times C2$ $P_{113} = Group([(7,9)(8,10),(5,6)(7,8,9,10),(3,4),(1,2)(7,8,9,10)]) \cong C4 \times C2 \times C2$ $P_{114} = Group([(7,9)(8,10), (7,8,9,10), (5,6), (1,2)(3,4)]) \cong C4 \times C2 \times C2$ $P_{115} = Group([(7,9)(8,10), (5,6), (3,4)(7,8,9,10), (1,2)(7,8,9,10)]) \cong C4 \times C2 \times C2$ $P_{116} = Group([(7,9)(8,10), (7,8,9,10), (3,4)(5,6), (1,2)(5,6)]) \cong C4 \times C2 \times C2$ $P_{117} = Group([(7,9)(8,10), (5,6)(7,8,9,10), (3,4)(7,8,9,10), (1,2)(7,8,9,10)]) \cong C4 \times C2 \times C2$ $P_{118} = Group([(7,9)(8,10), (7,8,9,10), (5,6), (3,4), (1,2)]) \cong C4 \times C2 \times C2 \times C2$ $N_1 = Group([(1,2),(3,4),(5,6),(7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_2 = Group([(1,2),(3,4),(5,6),(7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_3 = Group([(1,2),(3,4),(5,6),(7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_4 = Group([(1,2),(3,4),(5,6),(7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_5 = Group([(1,2),(3,4),(5,6),(7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_6 = Group([(1,2),(3,4),(5,6),(7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_7 = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_8 = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_9 = Group([(1,2),(3,4),(5,6),(7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{10} = Group([(1,2),(3,4),(5,6),(7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{11} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{12} = Group([(1,2), (3,4), (5,6), (7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{13} = Group([(1,2), (3,4), (5,6), (7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{14} = Group([(1,2), (3,4), (5,6), (7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{15} = Group([(1,2), (3,4), (5,6), (7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{16} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{17} = Group([(1,2),(3,4),(5,6),(7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{18} = Group([(1,2), (3,4), (5,6), (7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{19} = Group([(1,2), (3,4), (5,6), (7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{20} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{21} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{22} = Group([(1,2),(3,4),(5,6),(7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{23} = Group([(1,2),(3,4),(5,6),(7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{24} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{25} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{26} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{27} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{28} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{29} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{30} = Group([(1,2), (3,4), (5,6), (7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{31} = Group([(1,2), (3,4), (5,6), (7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{32} = Group([(1,2), (3,4), (5,6), (7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{33} = Group([(1,2), (3,4), (5,6), (7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{34} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{35} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{36} = Group([(1,2), (3,4), (5,6), (7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{37} = Group([(1,2), (3,4), (5,6), (7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{38} = Group([(1,2), (3,4), (5,6), (7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{39} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{40} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{41} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{42} = Group([(1, 2), (3, 4), (5, 6), (7, 8, 9, 10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{43} = Group([(1,2),(3,4),(5,6),(7,8,9,10)]) \cong C4 \times C2 \times C2 \times C2$ $N_{44} = 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