The group G is isomorphic to the group labelled by [12, 1] in the Small Groups library.
Ordinary character table of $G \cong$ C3 : C4:

	$1a$	$2a$	$3a$	$6a$	$4a$	$4b$
χ_1	1	1	1	1	1	1
χ_2	1	1	1	1	-1	-1
χ_3	2	2	-1	-1	0	0
χ_4	1	-1	1	-1	$E(4)$	$-E(4)$
χ_5	1	-1	1	-1	$-E(4)$	$E(4)$
χ_6	2	-2	-1	1	0	0

Trivial source character table of $G \cong$ C3 : 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 $n_j \in N_i$	$1a$	$3a$	$1a$	$3a$	$1a$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6$	4	4	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6$	4	-2	0	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
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6$	2	-1	2	-1	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

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,3)(2,5)(4,7)(6,9)(8,11)(10,12)]) \cong$ C2
$P_3 = Group([(1,3)(2,5)(4,7)(6,9)(8,11)(10,12), (1,2,3,5)(4,10,7,12)(6,11,9,8)]) \cong$ C4

$N_1 = Group([(1,2,3,5)(4,10,7,12)(6,11,9,8), (1,3)(2,5)(4,7)(6,9)(8,11)(10,12), (1,4,8)(2,6,10)(3,7,11)(5,9,12)]) \cong$ C3 : C4
$N_2 = Group([(1,2,3,5)(4,10,7,12)(6,11,9,8), (1,3)(2,5)(4,7)(6,9)(8,11)(10,12), (1,4,8)(2,6,10)(3,7,11)(5,9,12)]) \cong$ C3 : C4
$N_3 = Group([(1,2,3,5)(4,10,7,12)(6,11,9,8), (1,3)(2,5)(4,7)(6,9)(8,11)(10,12)]) \cong$ C4