

The group G is isomorphic to the group labelled by [48, 3] in the Small Groups library.
 Ordinary character table of $G \cong (C_4 \times C_4) : C_3$:

	1a	2a	4a	4b	4c	4d	3a	3b
χ_1	1	1	1	1	1	1	1	1
χ_2	1	1	1	1	1	1	$E(3)$	$E(3)^2$
χ_3	1	1	1	1	1	1	$E(3)^2$	$E(3)$
χ_4	3	3	-1	-1	-1	-1	0	0
χ_5	3	-1	1	1	-1 - 2 * $E(4)$	-1 + 2 * $E(4)$	0	0
χ_6	3	-1	1	1	-1 + 2 * $E(4)$	-1 - 2 * $E(4)$	0	0
χ_7	3	-1	-1 + 2 * $E(4)$	-1 - 2 * $E(4)$	1	1	0	0
χ_8	3	-1	-1 - 2 * $E(4)$	-1 + 2 * $E(4)$	1	1	0	0

Trivial source character table of $G \cong (C_4 \times C_4) : C_3$ at $p = 2$:

Normalisers N_i	N_1	N_2	N_3	N_4	N_5	N_6	N_7
p -subgroups of G up to conjugacy in G	P_1	P_2	P_3	P_4	P_5	P_6	P_7
Representatives $n_j \in N_i$	1a	3a	3b	1a	1a	3a	3b
1 · $\chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8$	16	1	1	0	0	0	0
0 · $\chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8$	16	$E(3)^2$	$E(3)$	0	0	0	0
0 · $\chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8$	16	$E(3)$	$E(3)^2$	0	0	0	0
1 · $\chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 3 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8$	24	0	0	8	0	0	0
1 · $\chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	4	1	1	4	4	1	0
0 · $\chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	4	$E(3)$	$E(3)^2$	4	4	$E(3)$	$E(3)^2$
0 · $\chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	4	$E(3)^2$	$E(3)$	4	4	$E(3)^2$	$E(3)$
1 · $\chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8$	12	0	0	4	0	0	0
1 · $\chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	12	0	0	4	0	0	0
1 · $\chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	6	0	0	6	6	0	0
1 · $\chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	1	1	1	1	1	1	1
0 · $\chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	1	$E(3)^2$	$E(3)$	1	1	$E(3)^2$	$E(3)$
0 · $\chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$	1	$E(3)$	$E(3)^2$	1	1	$E(3)$	$E(3)^2$

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

$P_2 = \text{Group}([(1, 17)(2, 27)(3, 30)(4, 31)(5, 6)(7, 37)(8, 40)(9, 41)(10, 11)(12, 42)(13, 14)(15, 16)(18, 45)(19, 46)(20, 21)(22, 47)(23, 24)(25, 26)(28, 29)(32, 48)(33, 34)(35, 36)(38, 39)(43, 44)]) \cong C_2$

$P_3 = \text{Group}([(1, 5)(2, 10)(3, 13)(4, 15)(6, 17)(7, 20)(8, 23)(9, 25)(11, 27)(12, 28)(14, 30)(16, 31)(18, 33)(19, 35)(21, 37)(22, 38)(24, 40)(26, 41)(29, 42)(32, 43)(34, 45)(36, 46)(39, 47)(44, 48), (1, 17)(2, 27)(3, 30)(4, 31)(5, 6)(7, 37)(8, 40)(9, 41)(10, 11)(12, 42)(13, 14)(15, 16)(18, 45)(19, 46)(20, 21)(22, 47)(23, 24)(25, 26)(28, 29)(32, 48)(33, 34)(35, 36)(38, 39)(43, 44)]) \cong C_2 \times C_2$

$P_4 = \text{Group}([(1, 17, 18)(2, 24, 25)(3, 26, 27)(4, 28, 29)(5, 30, 31)(6, 32, 33)(7, 34, 35)(8, 36, 37)(9, 38, 39)(10, 40, 41)(11, 42, 43)(12, 44, 45)(13, 46, 47)(14, 48, 49)(15, 49, 50)(16, 50, 51)(17, 51, 52)(18, 52, 53)(19, 53, 54)(20, 54, 55)(21, 55, 56)(22, 56, 57)(23, 57, 58)(24, 58, 59)(25, 59, 60)(26, 60, 61)(27, 61, 62)(28, 62, 63)(29, 63, 64)(30, 64, 65)(31, 65, 66)(32, 66, 67)(33, 67, 68)(34, 68, 69)(35, 69, 70)(36, 70, 71)(37, 71, 72)(38, 72, 73)(39, 73, 74)(40, 74, 75)(41, 75, 76)(42, 76, 77)(43, 77, 78)(44, 78, 79)(45, 79, 80)(46, 80, 81)(47, 81, 82)(48, 82, 83)(49, 83, 84)(50, 84, 85)(51, 85, 86)(52, 86, 87)(53, 87, 88)(54, 88, 89)(55, 89, 90)(56, 90, 91)(57, 91, 92)(58, 92, 93)(59, 93, 94)(60, 94, 95)(61, 95, 96)(62, 96, 97)(63, 97, 98)(64, 98, 99)(65, 99, 100)(66, 100, 101)(67, 101, 102)(68, 102, 103)(69, 103, 104)(70, 104, 105)(71, 105, 106)(72, 106, 107)(73, 107, 108)(74, 108, 109)(75, 109, 110)(76, 110, 111)(77, 111, 112)(78, 112, 113)(79, 113, 114)(80, 114, 115)(81, 115, 116)(82, 116, 117)(83, 117, 118)(84, 118, 119)(85, 119, 120)(86, 120, 121)(87, 121, 122)(88, 122, 123)(89, 123, 124)(90, 124, 125)(91, 125, 126)(92, 126, 127)(93, 127, 128)(94, 128, 129)(95, 129, 130)(96, 130, 131)(97, 131, 132)(98, 132, 133)(99, 133, 134)(100, 134, 135)(101, 135, 136)(102, 136, 137)(103, 137, 138)(104, 138, 139)(105, 139, 140)(106, 140, 141)(107, 141, 142)(108, 142, 143)(109, 143, 144)(110, 144, 145)(111, 145, 146)(112, 146, 147)(113, 147, 148)(114, 148, 149)(115, 149, 150)(116, 150, 151)(117, 151, 152)(118, 152, 153)(119, 153, 154)(120, 154, 155)(121, 155, 156)(122, 156, 157)(123, 157, 158)(124, 158, 159)(125, 159, 160)(126, 160, 161)(127, 161, 162)(128, 162, 163)(129, 163, 164)(130, 164, 165)(131, 165, 166)(132, 166, 167)(133, 167, 168)(134, 168, 169)(135, 169, 170)(136, 170, 171)(137, 171, 172)(138, 172, 173)(139, 173, 174)(140, 174, 175)(141, 175, 176)(142, 176, 177)(143, 177, 178)(144, 178, 179)(145, 179, 180)(146, 180, 181)(147, 181, 182)(148, 182, 183)(149, 183, 184)(150, 184, 185)(151, 185, 186)(152, 186, 187)(153, 187, 188)(154, 188, 189)(155, 189, 190)(156, 190, 191)(157, 191, 192)(158, 192, 193)(159, 193, 194)(160, 194, 195)(161, 195, 196)(162, 196, 197)(163, 197, 198)(164, 198, 199)(165, 199, 200)(166, 200, 201)(167, 201, 202)(168, 202, 203)(169, 203, 204)(170, 204, 205)(171, 205, 206)(172, 206, 207)(173, 207, 208)(174, 208, 209)(175, 209, 210)(176, 210, 211)(177, 211, 212)(178, 212, 213)(179, 213, 214)(180, 214, 215)(181, 215, 216)(182, 216, 217)(183, 217, 218)(184, 218, 219)(185, 219, 220)(186, 220, 221)(187, 221, 222)(188, 222, 223)(189, 223, 224)(190, 224, 225)(191, 225, 226)(192, 226, 227)(193, 227, 228)(194, 228, 229)(195, 229, 230)(196, 230, 231)(197, 231, 232)(198, 232, 233)(199, 233, 234)(200, 234, 235)(201, 235, 236)(202, 236, 237)(203, 237, 238)(204, 238, 239)(205, 239, 240)(206, 240, 241)(207, 241, 242)(208, 242, 243)(209, 243, 244)(210, 244, 245)(211, 245, 246)(212, 246, 247)(213, 247, 248)(214, 248, 249)(215, 249, 250)(216, 250, 251)(217, 251, 252)(218, 252, 253)(219, 253, 254)(220, 254, 255)(221, 255, 256)(222, 256, 257)(223, 257, 258)(224, 258, 259)(225, 259, 260)(226, 260, 261)(227, 261, 262)(228, 262, 263)(229, 263, 264)(230, 264, 265)(231, 265, 266)(232, 266, 267)(233, 267, 268)(234, 268, 269)(235, 269, 270)(236, 270, 271)(237, 271, 272)(238, 272, 273)(239, 273, 274)(240, 274, 275)(241, 275, 276)(242, 276, 277)(243, 277, 278)(244, 278, 279)(245, 279, 280)(246, 280, 281)(247, 281, 282)(248, 282, 283)(249, 283, 284)(250, 284, 285)(251, 285, 286)(252, 286, 287)(253, 287, 288)(254, 288, 289)(255, 289, 290)(256, 290, 291)(257, 291, 292)(258, 292, 293)(259, 293, 294)(260, 294, 295)(261, 295, 296)(262, 296, 297)(263, 297, 298)(264, 298, 299)(265, 299, 300)(266, 300, 301)(267, 301, 302)(268, 302, 303)(269, 303, 304)(270, 304, 305)(271, 305, 306)(272, 306, 307)(273, 307, 308)(274, 308, 309)(275, 309, 310)(276, 310, 311)(277, 311, 312)(278, 312, 313)(279, 313, 314)(280, 314, 315)(2$