$$\frac{-12\langle2|3+4|2][25]\Delta_{12|34|56}[12]\langle26\rangle}{[34]\langle2|5+6|2]^3\langle2|1+4|3]}+$$

$$\frac{-16[25]\Delta_{12|34|56}[12]\langle2|1+3|4][35]\langle24\rangle}{[34][56]\langle2|5+6|2]^2\langle2|1+4|3]^2}+$$

$$\frac{-2\langle6|1+5|2][12]\Delta_{12|34|56}\langle26\rangle}{[34]\langle56\rangle\langle2|5+6|2]^2\langle2|1+4|3]}+$$

$$\frac{[25][12]\Delta_{12|34|56}(-18\langle35\rangle\langle23\rangle+10\langle24\rangle[45]+4[15]\langle12\rangle)}{[34][56]\langle2|5+6|2]^2\langle2|1+4|3]}+$$

$$\frac{[25][12](-1\langle24\rangle^3[24]^2[45]\ldots\langle\!\langle20\,\text{terms}\rangle\!\rangle\ldots-2[14]\langle12\rangle\langle14\rangle[13]\langle34\rangle[45])}{[34][56]\langle2|5+6|2]^2\langle2|1+4|3]}+$$

$$\frac{[25][12][14](2\langle34\rangle^2[34]\langle12\rangle[45]\ldots\langle\!\langle9\,\text{terms}\rangle\!\rangle\ldots-2[15][13]\langle12\rangle\langle13\rangle^2)}{[34][56]\langle2|5+6|2]^2\langle2|1+3|4]}+$$

$$\frac{\Delta_{12|34|56}(10\langle14\rangle[15]\langle26\rangle+8\langle24\rangle\langle36\rangle[35]+12\langle24\rangle[25]\langle26\rangle-2\langle46\rangle\langle24\rangle[45])}{\langle12\rangle\langle2|5+6|2]\langle2|1+4|3]^2}+$$

$$\frac{[35]\langle26\rangle\Delta_{12|34|56}(-10\langle24\rangle[24]-2\langle14\rangle[14]+2[23]\langle23\rangle)}{[12]\langle34\rangle\langle2|5+6|2]\langle2|1+4|3]^2}+$$

$$\frac{[35]\Delta_{12|34|56}(10\langle24\rangle^2[24][45]+8\langle24\rangle[23]\langle23\rangle[45]-2[35]\langle23\rangle^2+2\langle24\rangle[13]\langle13\rangle[45])}{\langle12\rangle[34][56]\langle2|5+6|2]\langle2|1+4|3]^2}+$$

$$\frac{2\Delta_{12|34|56}\langle14\rangle[13][45]^2\langle24\rangle}{\langle12\rangle[34][56]\langle2|5+6|2]\langle2|1+4|3]^2}+$$

$$\frac{\Delta_{12|34|56}\langle26\rangle(4\langle46\rangle\langle24\rangle[24]-4\langle24\rangle\langle36\rangle[23]+8\langle14\rangle\langle46\rangle[14])}{\langle12\rangle\langle56\rangle\langle2|5+6|2]\langle2|1+4|3]^2}+$$

$$\frac{2[12][35]\Delta_{12|34|56}\langle26\rangle}{[34]\langle2|5+6|2]\langle2|1+4|3]^2}+$$

$$\frac{\Delta_{12|34|56}\langle26\rangle(2\langle36\rangle[23]+7\langle46\rangle[24]-2[12]\langle16\rangle)}{\langle12\rangle[34]\langle56\rangle\langle2|5+6|2]\langle2|1+4|3]}+$$

$$\frac{3/2\langle46\rangle\Delta_{12|34|56}\langle14\rangle\langle16\rangle}{\langle12\rangle[34]\langle56\rangle\langle2|5+6|2]\langle2|1+4|3]}+$$

$$\frac{\langle26\rangle(-99/8\langle46\rangle\langle24\rangle^2[24]^3\ldots\langle\!\langle23\,\text{terms}\rangle\!\rangle\ldots+7/4[34]^2\langle36\rangle\langle14\rangle[12]\langle34\rangle)}{\langle12\rangle[34]\langle56\rangle\langle2|5+6|2]\langle2|1+4|3]}+$$

$$\frac{\langle36\rangle(7/4\langle46\rangle\langle34\rangle^2[34][34]^3\ldots\langle\!\langle9\,\text{terms}\rangle\!\rangle\ldots+21/4[14][24]\langle12\rangle\langle14\rangle[13]\langle46\rangle)}{\langle12\rangle[34]\langle56\rangle\langle2|5+6|2]\langle2|1+4|3]}+$$

$$\frac{\langle46\rangle[14]\langle16\rangle(-7/8\langle24\rangle^2[24]^2\ldots\langle\!\langle4\,\text{terms}\rangle\!\rangle\ldots-7/8[13]^2\langle13\rangle^2)}{\langle12\rangle[34]\langle56\rangle\langle2|5+6|2]\langle2|1+4|3]}+$$

$$\frac{17\langle24\rangle[25]\Delta_{12|34|56}[45]}{\langle12\rangle[34][56]\langle2|5+6|2]\langle2|1+4|3]}+$$

$$\frac{[35](7/4[14][34]\langle14\rangle\langle34\rangle^2[45]\ldots\langle\!\langle4\,\text{terms}\rangle\!\rangle\ldots+8[14][25]\langle12\rangle\langle13\rangle[12]\langle24\rangle)}{\langle12\rangle[34][56]\langle2|5+6|2]\langle2|1+4|3]}+$$

$$\frac{[45](7/4\langle13\rangle\langle14\rangle[13]^2\langle34\rangle[45]\ldots\langle\!\langle3\,\text{terms}\rangle\!\rangle\ldots-1/4\langle24\rangle[12]^2\langle12\rangle^2[25])}{\langle12\rangle[34][56]\langle2|5+6|2]\langle2|1+4|3]}+$$

$$\frac{-3\langle46\rangle\langle36\rangle\Delta_{12|34|56}}{\langle12\rangle\langle56\rangle\langle2|5+6|2]\langle2|1+4|3]}+$$

$$\frac{\langle26\rangle(-39/4\langle36\rangle\langle34\rangle[24][23]\ldots\langle\!\langle3\,\text{terms}\rangle\!\rangle\ldots-27/2[12]^2\langle16\rangle\langle13\rangle)}{\langle12\rangle[34]\langle56\rangle\langle2|5+6|2]}+$$

$$\frac{\langle36\rangle(15/4\langle46\rangle\langle24\rangle[24]^2\ldots\langle\!\langle11\,\text{terms}\rangle\!\rangle\ldots-23/4[12]^2\langle12\rangle\langle16\rangle)}{\langle12\rangle[34]\langle56\rangle\langle2|5+6|2]}+$$

$$\frac{-29/4[14]\langle13\rangle[12]\langle46\rangle\langle16\rangle}{\langle12\rangle[34]\langle56\rangle\langle2|5+6|2]}+$$

$$\frac{[35](-69/8[25]\langle34\rangle[24]\langle23\rangle+15/4\langle34\rangle^2[24][45]-2[25]\langle34\rangle[14]\langle13\rangle+61/4[25][12]\langle23\rangle\langle13\rangle)}{\langle12\rangle[34][56]\langle2|5+6|2]}+$$

$$\frac{[45](133/8\langle24\rangle[25]\langle34\rangle[24]+7/4\langle34\rangle^2[23][45]+137/8[25]\langle34\rangle\langle23\rangle[23]-11/2\langle14\rangle[15]\langle12\rangle[13])}{\langle12\rangle[34][56]\langle2|5+6|2]}+$$

$$\frac{-39/4[25]^2[23]\langle23\rangle^2}{\langle12\rangle[34][56]\langle2|5+6|2]}+$$

$$\frac{24\Delta_{12|34|56}[13]\langle34\rangle[35]\langle26\rangle}{\langle2|1+4|3]^3\langle3|5+6|3]}+$$

$$\frac{2\Delta_{12|34|56}\langle24\rangle[15]^2}{[56]\langle2|3+4|1]\langle2|1+4|3]^2}+$$

$$\frac{8[35]\langle34\rangle\Delta_{12|34|56}\langle16\rangle}{\langle12\rangle\langle1|2+4|3]\langle2|1+4|3]\langle3|5+6|3]}+$$

$$\frac{\langle34\rangle\Delta_{12|34|56}\langle16\rangle(-4[23]\langle26\rangle+8\langle46\rangle[34])}{\langle12\rangle\langle56\rangle\langle1|2+4|3]\langle2|1+4|3]\langle3|5+6|3]}+$$

$$\frac{[35]\langle34\rangle\Delta_{12|34|56}(-8[35][24]+4[23]\langle45\rangle)}{[34][56]\langle1|2+4|3]\langle2|1+4|3]\langle3|5+6|3]}+$$

$$\frac{\langle36\rangle[35]\langle34\rangle(-8\langle14\rangle[13]\langle24\rangle+8\langle14\rangle[12]\langle34\rangle-4[23]^2\langle23\rangle-4\langle24\rangle[23]\langle24\rangle)}{\langle1|2+4|3]\langle2|1+4|3]\langle3|5+6|3]}+$$

$$\frac{[34]\langle36\rangle\langle34\rangle\langle16\rangle(4\langle14\rangle^2[13][14]-2\langle14\rangle[13]^2\langle13\rangle+8\langle14\rangle\langle24\rangle[13][24]+2\langle24\rangle[23]^2\langle23\rangle)}{\langle12\rangle\langle56\rangle\langle1|2+4|3]\langle2|1+4|3]\langle3|5+6|3]}+$$

$$\frac{[34]^2\langle36\rangle\langle14\rangle\langle34\rangle\langle46\rangle(-2[23]\langle23\rangle-4\langle24\rangle[24])}{\langle12\rangle\langle56\rangle\langle1|2+4|3]\langle2|1+4|3]\langle3|5+6|3]}+$$

$$\frac{-5/9[12]^2(s_{234}-s_{134})\langle26\rangle^2}{[34]\langle56\rangle\langle2|3+4|1]\langle2|1+4|3]}+$$

$$\frac{-20/9[15]^2\Delta_{12|34|56}}{[34][56]\langle2|3+4|1]\langle2|1+4|3]}+$$

$$\frac{[15]^2(s_{234}-s_{134})(-19/18\langle34\rangle[35]+5/9[12]\langle12\rangle)}{[34][56]\langle2|3+4|1]\langle2|1+4|3]}+$$

$$\frac{\langle26\rangle(99/8\langle46\rangle\langle24\rangle[24]^2\ldots\langle\!\langle13\,\text{terms}\rangle\!\rangle\ldots+95/36[12]^2\langle12\rangle\langle16\rangle)}{\langle12\rangle[34]\langle56\rangle\langle2|1+4|3]}+$$

$$\frac{391/36[14][24]\langle46\rangle\langle24\rangle\langle16\rangle}{\langle12\rangle[34]\langle56\rangle\langle2|1+4|3]}+$$

$$\frac{\langle36\rangle(-193/36\langle46\rangle\langle34\rangle[34]\ldots\langle\!\langle3\,\text{terms}\rangle\!\rangle\ldots+265/36\langle14\rangle\langle46\rangle[14])}{\langle12\rangle\langle56\rangle\langle2|1+4|3]}+$$

$$\frac{-8\langle34\rangle\Delta_{12|34|56}\langle16\rangle^2[23]}{\langle12\rangle\langle56\rangle\langle1|2+4|3]^2\langle3|5+6|3]}+$$

$$(123456 \to \overline{432165})$$