The goal of the paper under review is an explicit decomposition of tensor products of two finite-dimensional modules over the special linear Lie superalgebra $\mathfrak{sl}(2|1)$ on which its Cartan subalgebra acts diagonalizable into their indecomposable constituents. This generalizes previous results obtained by M. Marcu [J. Math. Phys. 21, No. 6, 1284-1292 (1980; Zbl. 0445.17004)] for irreducible $\mathfrak{sl}(2|1)$-modules. As a main tool the authors use a certain embedding of $\mathfrak{gl}(1|1)$ into $\mathfrak{sl}(2|1)$ and the decompositions of the restrictions of $\mathfrak{sl}(2|1)$-modules into indecomposable $\mathfrak{gl}(1|1)$-modules. In particular, this yields that the stable representation ring of $\mathfrak{sl}(2|1)$ embeds in the stable representation ring of $\mathfrak{gl}(1|1)$. 