Claims

1. An enclosure for electrical installations, the enclosure comprising a bottom part (1) and a cover (2) fastened to the bottom part (1) by fastening means (3) comprising a latch (14) which, supported by a bearing (15), is turnable in relation to the bottom part (1) to open and close the fastening means (3), and an arm (5) which ((at its first end)) is bearing-mounted (13) to the latch (14), whereby the cover (2) has a detent (6) to receive the arm (5) and to fasten the cover to the bottom part (1) by means of the arm (5), c h a r a c t e r i z e d in that the detent (6) is located in a recess (7) formed in an edge of the cover (2), whereby attached to the arm (5) there is a cover piece (8) adapted to attach to the detent (6) in the recess (7) of the cover (2) by means of the arm (5) whereby the cover piece (8) additionally comprises a first outer surface (9) and a second outer surface (10) which at the recess (7) of the cover make the outer surfaces of the cover uniform when the cover (2) is locked to the bottom part (1), so that the first outer surface (9) of the cover piece (8) is in the same plane as the top surface (11) of the cover (2) and the second outer surface (10) of the cover piece (8) is in the same plane as the side surface (12) of the cover, and in addition so that the first outer surface (9) and the second outer surface (10) conceal the discontinuities formed by the recess (7) of the cover on the top surface (11) of the cover and correspondingly on the side surface (12) of the cover.

2. An enclosure as claimed in claim 1, c h a r a c t e r i z e d in that the arm (5) of the fastening means (3) is bearing-mounted (16) to the cover piece (8).

3. An enclosure as claimed in claim 1 or 2, c h a r a c t e r i z e d in that the bottom part (1) features a recess (17) to receive a latch (14) of the fastening means so that the latch (14) is located in the recess (17) of the bottom part (1).

4. An enclosure as claimed in claim 3, c h a r a c t e r i z e d in that the latch (14) has two grooves (18 and 19) and the cover piece (8) has two grooves (20, 21) to make it possible for the arm (5) to turn in relation to the latch (14), and correspondingly the turning of the cover piece (8) in relation to the latch (14) to open the fastening means (3) and to release the cover (2) from the fastening means (3).

5. An enclosure as claimed in claim 4, c h a r a c t e r i z e d in that the fastening means (3) protrude from the outline defined by the bottom part (1) and cover (2) by the arm (5), at most.

6. An enclosure as claimed in claim 5, c h a r a c t e r i z e d in that the fastening means (3) protrude from the outline defined by the bottom part (1) and cover (2) by the thickness of the arm material of the arm (5), at most.

7. An enclosure as claimed in any one of the preceding claims, c h a r a c t e r i z e d in that the cover piece (8) is adapted to attach to the recess (7) in the cover (2) by form locking which comprises said detent (6).

8. An enclosure as claimed in any one of the preceding claims, c h a r a c t e r i z e d in that the fastening means (3) comprise a body frame part (4), and in that the bearing (15) to turn the latch (14) in relation to the bottom part (1) is formed in the body frame part (13).

9. An enclosure as claimed in claim 8, c h a r a c t e r i z e d in that the body frame part (4) of the fastening means (3) is detachably fastened to the recess (17) in the bottom part (1) of the body.

10. An enclosure as claimed in claim 9, c h a r a c t e r i z e d in that the body frame part (4) of the fastening means (3) is fastened by form locking to the recess (17) in the bottom part (1).

11. An enclosure as claimed in claim 9 or 10, c h a r a c t e r i z e d in that the body frame part (4) of the fastening means (3) is fastened by quick-release means to the recess (17) in the bottom part (1).

12. An enclosure as claimed in claim 11, c h a r a c t e r i z e d in that the quick-release means comprise a flexible latch (12) adapted to cooperate with a collar in the recess (17) of the bottom part.

13. An enclosure as claimed in claim 11 or 12, c h a r a c t e r i z e d in that the quick-release means comprise a groove (26) and tongue (27) joint between the body frame part (4) of the fastening means (3) and the recess (17) of the bottom part (1).

14. An enclosure as claimed in any one of the preceding claims, c h a r a c t e r i z e d in that the recess (7) of the cover has a hole (22) to fasten the cover (2) to the bottom part (1) by a screw.

15. An enclosure as claimed in claim 1, c h a r a c t e r i z e d in that the detent (6) of the cover (2) comprises, in the recess (7) of the cover, a protrusion part which is adapted to receive the arm (5) of the fastening means (3).

16. An enclosure as claimed in claim 1 or 15, c h a r a c t e r i z e d in that the detent (6) comprises a recess (23) adapted to receive a protrusion part (24) in the cover piece (8).

17. An enclosure as claimed in any one of the preceding claims, c h a r a c t e r i z e d in that there are walls (32) defining the recess (7) of the cover, which make the recess narrow downwards, and in that the cover piece (8) comprises opposing wall parts (28, 29) which make the cover piece narrow downwards.

18. An enclosure as claimed in any one of the preceding claims, c h a r a c t e r i z e d in that said first outer surface (9) of the cover piece (8) is planar, and said second outer surface (10) of the cover piece (8) is planar.

19. An enclosure as claimed in any one of the preceding claims, c h a r a c t e r i z e d in that said top surface (11) of the cover (2) is planar, and said side surface (12) of the cover (2) is planar.

20. An enclosure as claimed in any one of the preceding claims, c h a r a c t e r i z e d in that said top surface (11) of the cover (2) covers most (i.e. more than 50%) of the projection of the cover (2), when examined from direction orthogonal to the top surface (11), more advantageously more than 80%.

21. An enclosure as claimed in any one of the preceding claims, c h a r a c t e r i z e d in that said side surface (12) of the cover (2) covers most (i.e. more than 50%) of the projection of the cover (2), when examined from direction orthogonal to the side surface (12), more advantageously more than 80%.