

Claims

1. A vertical cable trough unit comprising:

a base trough member having upstanding sidewalls extending from a base defining a generally U-shaped trough mountable to shaft supports extending from a shaft wall;

a cover trough member having upstanding sidewalls extending from a base defining a generally U-shaped trough for removably covering the base trough member for providing an enclosed cable pathway for receiving at least one circuit of electrical power cable; and

at least a pair of resilient means anchored to the shaft supports and coupled to opposed sides of the cover trough to retract the cover trough from a venting position back to a normal, closed position.

2. A vertical cable trough unit of claim 1 wherein the sidewalls of the base trough member has a positioning clip with indented ends to opposingly receive the ends of sidewalls of both base trough member and cover trough member.

3. A vertical cable trough unit of claim 1 or 2 wherein a stop means is provided to the resilient means to limit the extension of the resilient means when the cover trough is in a venting position.

4. A vertical cable trough unit of claim 3 wherein the resilient means is a telescopic arm with recovery spring.

5. A vertical cable trough unit of claim 4 wherein the stop means is a stop pin coupled to the recovery spring and that engages a slot in the fixed end of the telescopic arm.

6. A vertical cable trough unit of claim 5 wherein the cover trough member is secured to the base trough member by a least one substantially rigid band that encircle the base trough member and cover trough member.
7. A vertical cable trough unit of claim 6 wherein guide plates are located between the outer surface of the cable trough unit and the rigid bands to prevent heat or flames escaping from the interior of cable trough unit from damaging the rigid bands.