Elevator Control Switches

Application

Siemens Type (ECS) Elevator Control disconnect switches are designed for single cable or hydraulic elevator application to interrupt the incoming AC power upon receiving a signal from the Fire Alarm Control Panel (FACP).

Description

The Elevator Control switch units come completely assembled for quick installation, eliminating the labor and time needed to assemble individual components. Therefore, the numbering system assures that you get all of the correct components, assembled with the correct ratings, without having to individually order accessories.

It is easy to meet Code requirements for selective coordination in a fully fused system. Siemens Type (ECS) Elevator Control disconnect switches utilize Class J fuses that easily coordinate with any upstream fuse by simply using a 2:1 line-side to load-side fuse ratio.

Standards

- UL 98 Enclosed and Dead Front Switch – Guide 96NK3917, File E182262



Catalog Number System

The following catalog numbering system defines an Elevator Control Switch construction.

ECS	1	T2	R2	G	F1	3	N	B

Elevator Control Switches

Ampere rating

1 = 30 A
2 = 60 A
3 = 100 A
4 = 200 A
5 = 400A

Control Transformer

T2 = 208 V
T3 = 240 V
T1 = 480 V
T4 = 600 V)

Fire Safety Interface Relay (3PDT, 10 A, 120 V)

R2 = 24 Vdc Coil
R1 = 120 Vac Coil

Pilot Light ON

G = Green
R = Red
W = White

Fire Alarm Voltage Monitoring Relay (To Monitor Shunt Trip Voltage)

F1 = Single-Pole
F3 = Three-Pole

Enclosure options (NEMA 1 Standard With No Suffix Designation Required)

3 = NEMA 3R
D = NEMA 12
P = NEMA 4 Painted Steel

Neutral Lug

N = Isolated Full Capacity

Auxiliary Contacts (1NO/1NC)

B = Main Switch

① 100 VA with Primary and Secondary fusing (120 V Secondary)