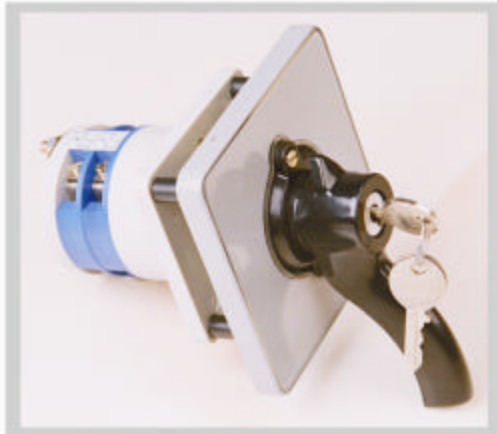




KAYCEE

BRAND THAT SET THE STANDARDS



TESTED AT
ERDA AS PER
IEC 60947-5-1:2003

■ KAYCEE BREAKER CONTROL SWITCHES : (25A & 32A)

■ SPECIFICATION:

1. Utilization Category AC-15, AC-23, AC-21, DC-22 & DC-13 As Per IEC 60947-5-1:2003 I.S.13947 Part V / Sec.1:2004

■ FEATURES :

- Compact Design
- Double Break butt Contact
- Stay Put
- Spring Return
- Lost Motion
- Sequence Locking
- Locking Facility.
- 45°, 60°, 90° angle of throw.
- Common Mounting Plate Suitable for Standard + ODS Mounting



KAYCEE BREAKER CONTROL SWITCHES

ELECTRICAL DATA :

Continuous Current (Ith) 25A / 32A

Operational Voltage - 660 Volt

High Voltage Test - 2.5 KV (R.M.S.)

Ambient Temperature - 55°

Frequency of Operation - 300 cycles / Hour

Mechanical Life - 1 Million Cycles of Operation

Electrical Life - 1 Lac Operations

Short Time Withstand Current - 250 A for 1 Sec.(25 Amp)

300 A for 1 Sec.(32 Amp)

Short Time Making & Breaking Capacity - 250 A (25 Amp)

300 A (32 Amp)

DC BREAKING CAPACITY (25 Amp)

Voltage	Resistive	Inductive 10 m Sec.	Inductive 20 m Sec.	Inductive 40 m Sec.
50	20	20	15	6
110	3	2.5	1.5	1
220	1.5	0.5	0.3	0.2

DC BREAKING CAPACITY (32 Amp)

Voltage	Resistive	Inductive 10 m Sec.	Inductive 20 m Sec.	Inductive 40 m Sec.
50	25	20	7.5	6.5
110	4	4	3	1.5
220	4	2.5	2	0.5

ITEM	DESCRIPTION	WIDTH	MECHANISM				
			'A'	'B'	'C'	'D'	'E'
1	Earthing Plate	15.0	15.0	15.0	15.0	15.0	15.0
2	Base Plate	06.5	06.5	6.5	06.5	06.5	-
3	Pack (L.M.D.)	12.7	-	-	-	-	-
4	Pack	12.7	-	-	-	-	-
5	Spring Return Mech.	20.0	20.0	20.0	20.0	20.0	20.0
6	Seq. Locking Device	06.5	06.5	06.5	06.5	06.5	-
7	Housing Cover No. 3	12.0	-	-	12.0	12.0	-
8	Flush Plate	07.0	07.0	07.0	07.0	07.0	07.0
9	Stay Put Mechanism	16.0	-	-	-	-	16.0
	Total 'X'	-	45.00	55.00	66.00	66.00	38.00

MECHANISM 'A' - Spring Return

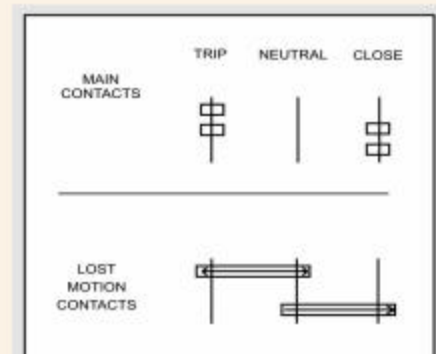
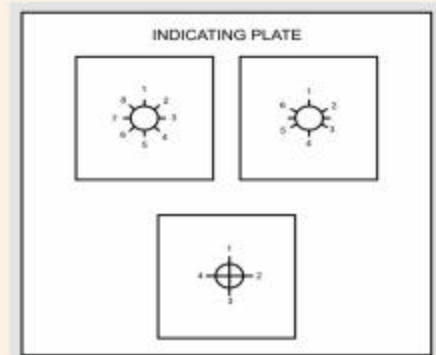
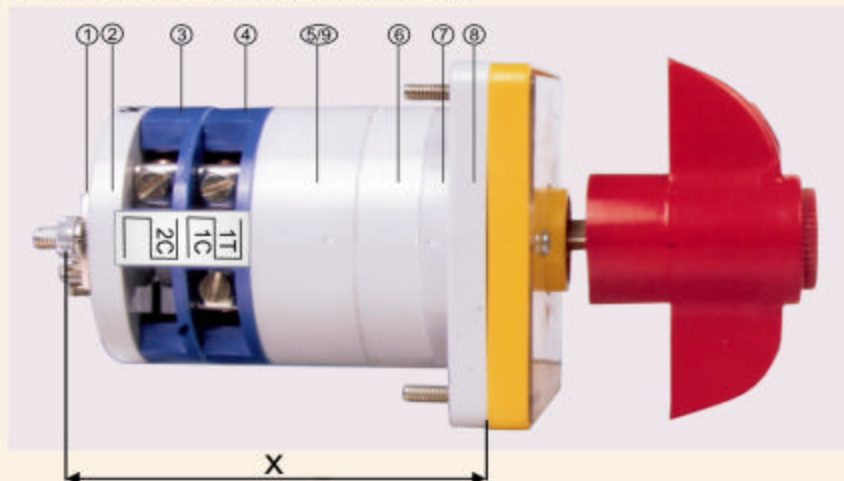
MECHANISM 'B' - Spring Return + Lost Motion Device

MECHANISM 'C' - Spring Return + Seq. Locking

Lost Motion Device

MECHANISM 'D' - Spring Return + Seq. Locking

MECHANISM 'E' - Std stay Put Mechanism



CODING SYSTEM :

The Breaker Control Switches will bear the code number; its details are given below :

1	2	3	4	5	6	7	8	9
B	C							

(3) Mechanism:

- A. Spring Return.
- B. Spring Return with Lost Motion Device
- C. Spring Return with Lost Motion Device plus Sequence Locking.
- D. Spring Return with Sequence Locking.
- E. Stay Put.

(4) & (5) : No. of Standard packets (2 electrical ways per packet).

Example:

01 = 1 Packet = 2 Electrical ways.

02 = 2 Packets = 4 Electrical ways.

(6) Type of Handles

*L = Lever Type Handle

P=Pistol Grip Handle

*T = TEE Type Handle

W=Wing Type Handle

* Available with Barrel Lock

(7) & (8) : No. of packets with Lost Motion Device.

Example:

01 = 1 Packet = 2 Electrical ways.

02 = 2 Packets = 4 Electrical ways.

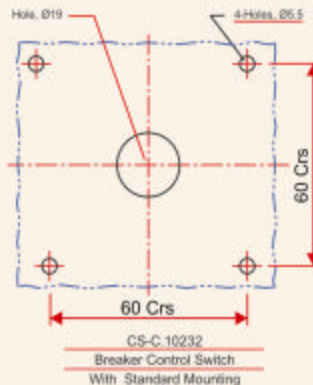
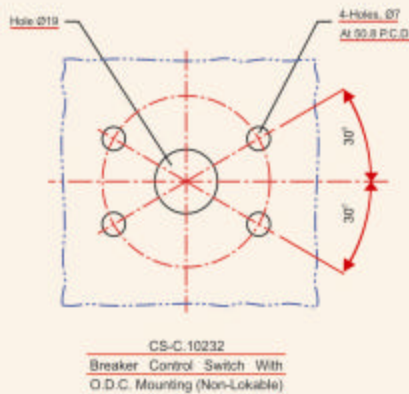
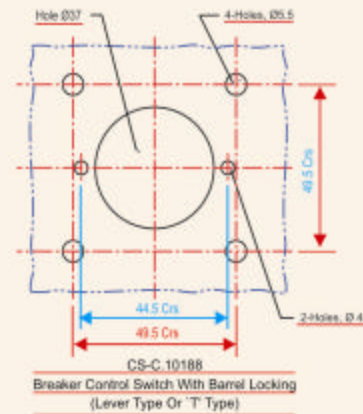
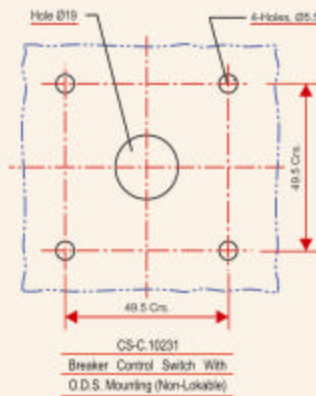
(9) Angle of throw:

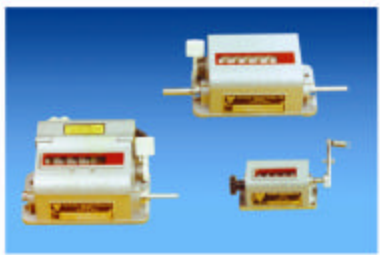
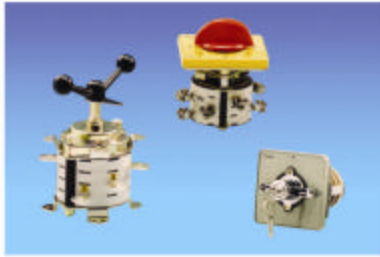
4 = 45°

6 = 60°

9 = 90°

PANEL CUTOUT DETAILS





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