

Kaycee for Commitment...
Kaycee for Quality...



KAYCEE
Brand that set the standards

ROTARY SWITCHES



CE Approved

THE ADVANTAGE IS YOURS

KAYCEE Rotary Switches have been engineered with reliable design especially to meet the requirements of latest concept for switching technology in control engineering and thus offer complete design flexibility to assemble complex switching program.

These are guarantee for optimum performance and meet with latest industrial application.

Also backed by the industries most knowledgeable and responsive engineering and customer service professionals.

Assembled on packet principle with choice of four position and multi pole circuits. The superior engineering materials and manufacturing processes for rotary switch components ensure reliable electrical endurance for safer operation and used for longer life. The high grade engineering plastics for the components ensure greater mechanical strength.

RATING	: 16A/250VAC/10A/440VAC, 25A/250VAC/16A/440VAC, 16A/440VAC/25A/440VAC
SPECIFICATION	: Conforms to IS/IEC 60947 PART I & Part III /2012
FEATURE	: FACTORY ISO 9001: 2015 Certified by UL DQS Inc., USA Tested at ERDA as per IEC 60947 Part I & III 2012 CE marking

ELECTRICAL DATA

Continues Current	: 10A/16A/25A
Operational voltage	: 250V/440V AC
High Voltage Test	: 2.1 KV For 1 Min.
Ambient Temperature	: Up to 50° C
Frequency of operation	: Not Specified
Mechanical Life	: 50,000 Operations.
Electrical Life	: Depends upon the application.
Short Time withstand Current	: 12 times of operationg current for 1 sec.
Short Time Making & Breaking Current.	: 12 times of operationg current for 1 sec.

IP TEST	: IP 55 (Front side only) on demand.
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MECHANICAL DATA

Application :
Making - breaking circuits Isolaion of power circuits Switching
of auxiliary circuits Motor application Ammeter or Voltmeter
Selector Switches

CODING SYSTEM

Rotary Switches consist of index letters & figures grouped in sequence to indicate the salient features of the switches.

SRP1817A/MB/TB3/LG1/GC

A) Prefix Letters	S-indicates AC only - slow break quick make mechanism.
B) The next group of letters	Method of mounting RP - back up panel flush mounting BC - Front of panel base mounting X - Universal mounting M - Indicates switch for three phase - 440V
C) The next group of figures	Indicates current rating 10A / 16A 2 - 25A
D) The next group of figures	Indicates No of Poles
E) The next group of figures	Indicates No of disc 17 - No of discs in switches assembly
F) Suffix letters	Indicates switches sequence Note ON / OFF switches have no suffix letters A - 2 way no off B - 2 way with off

C - 3 way with off
D - 4 way with motor control switches
BX - 34 Star delta starting with off
AB - 65 - Two speeds with off (High or low)
LK - Reversing or polarity change over no of (forward-reverse)
K - Reversing or Polarity change over with off

G) Special codes

VS - Voltmeter selector switch
MA60 - Ammeter selector switch
PC - Speed control switch
MB - Make before break contact
PD - Pad locking

H) Blocking Mechanism

For 4 position switch
TA - indicates switch limited to 3 operating position
TB - indicates switch limited to 2 operating position
TC - indicates switch limited to between normal position

I) Locking attachment

L - Lever type lock
T - Tee type lock
P - Pistol grip type handle
K - Knob type handle

J) Centre key lock assembly

Code ref.
Locking Position & key position

G1	G2	G3	G4	G12	G13	G24	G
1	2	3	4	1 & 2	1 & 3	2 & 4	All

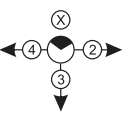
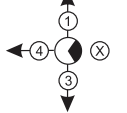
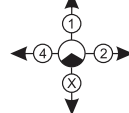
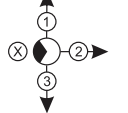
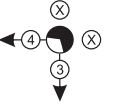
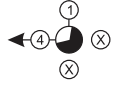
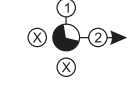
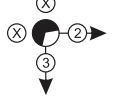
L) Cubicle door interlock

Code ref.
Position in which lock dis-engage

Non lockable type
SH1 SH2 SH3 SH4 SH13 SH24
1 2 3 4 1 & 3 2 & 4

M) Code for indication plate

GB - Grey flush plate with indicating plate & black knob
YR - Yellow flush plate with indicating plate & red knob
G - Grey flush plate with indicating plate
Y - Yellow flush plate with indicating plate

CODING FOR LIMITED POSITION SWITCHES 90° SWITCHING				
3 POSITION SWITCH CODE TA		TA 1		TA 2
		TA 3		TA 4
2 POSITION SWITCH CODE TB		TB 1		TB 2
		TB 3		TB 4

MOUNTING DETAILS

1. Remove knob
2. Remove holder, IP & background plate
3. Remove two screws M4 x 12.
4. Fit Switch on panel (For Mounting holes refer mounting drawing)
5. Fit two screws M4 x 12
6. Fit background plate, IP, And holder
7. Fit Knob

10-16-25 Amperes 4-Position 90°

Rotary switches of 10,16 and 25Amp. 4 position, listed on next page are with standard switching sequences up to 4 poles. Multi - pole switches are offered on request.

Type :

Open execution without any enclosure

Design :

Air break wiping contact (Double break) self aligning.

Rating :

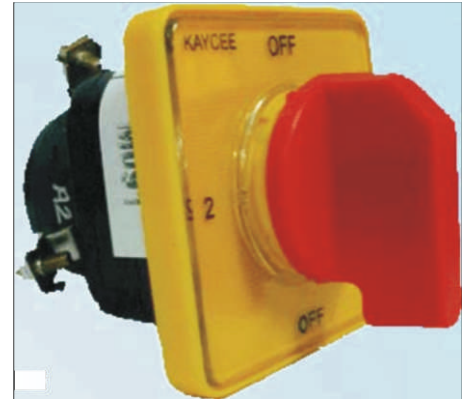
10 - 16 - 25A for working voltage of 250 or 440 for AC switching.

Specifications :

Rotary switches conform to IS 60947 (Part I & III) 2012 JSS defence specification. Mechanism : Slow break principally for AC Switching only. Quick make and break principally for DC switching Also for AC when easy and quick action is necessary. Mounting : For switches flush at the back of panel mounting specify SRP or SRPM for AC and RP. Operating Handle : Knob (Wing type) of black colour/ red colour

Optional Accessories :

A Selection of accessories and attachment from a wide variety is available, viz, handle, Detachable Handles Indication plates, centre key Locks, Cubicle Door Interlocks, Lockable - Non Lockable, Pad Locking et. Details available on request. It is recommended that switches with large built up should have LG lock.








<p>INDICATING PLATE</p>  <p>95 x 95 MM (CKL)</p>	 <p>64 X 64 mm</p>	 <p>LEVER HANDLE NO1</p>	 <p>KNOB (RED/BLACK)</p>
	 <p>88 X 88 mm</p>	 <p>PAD LOCK DISC</p>	 <p>TERMINAL SHROUD</p>

ROTARY SWITCHES

10-16-25 Amperes 4-Position 90°

STANDARD SWITCHING COMBINATIONS

Suitable for Mounting Flush at the Back of Panel
SINGLE PHASE - 250 VOLTS (1 & 2 poles)
THREE PHASE - 440 VOLTS (3 Poles & above)
(working Voltage 250 to earth)

SWITCHING	NO OF POLES	10 AMP.AC		16 AMP.AC		25 AMP.AC	
		TYPE	Dim. Y	TYPE	Dim. Y	TYPE	Dim. Y
ON-OFF 	1	-	-	SRP112	17	SRP213	23
	2	-	-	SRP123	23	SRP225	35
	3	SRP134	29	SRPM134	29	SRPM237	47
	4	SRP145	35	SRPM145	35	SRPM249	59
TWO WAY NO OFF 	1	-	-	SRP113A	23	SRP213A	23
	2	-	-	SRP125A	35	SRP225A	35
	3	SRP137A	47	SRPM137A	47	SRPM237A	47
	4	SRP149A	59	SRPM149A	59	SRPM249A	59
TWO WAY WITH OFF 	1	-	-	SRP113B	23	SRP215B	35
	2	-	-	SRP125B	35	SRP229B	59
	3	SRP137B	47	SRPM137B	47	SRPM2313B	83
	4	SRP149B	59	SRPM149B	59	-	-
THREE WAY WITH OFF 	1	-	-	SRP113C	23	SRP215C	35
	2	-	-	SRP126B	41	SRP229C	59
	3	SRP139C	59	SRPM139C	59	SRPM2313C	83
	4	SRP1412C	77	SRPM1412C	77	-	-
FOUR WAY NO OFF 	1	-	-	SRP113D	23	SRP215D	35
	2	-	-	SRP126D	41	SRP229D	59
	3	SRP139D	59	SRPM139D	59	SRPM2313D	83
	4	SRP1412D	77	SRPM1412D	77	-	-

NOTE : For other dimensions refer separate dimension sheet.

Indicating plates square size 64 x 64 mm for standard switches and 95 x 95 mm for switches with Locks - Interlocks .

Single and double Pole Switches are rated 250V. If required for 440V - in code add 'M' as shown above. Dimension Y shown correspondingly.

Add GB in code for switches required with grey F.P. and black knob. Alternatively add YR for yellow F.P. and red knob. If either codes are not specified, then we shall book order with GB.



INSTRUMENT SELECTOR SWITCHES 10 AMPERES

Rotary Selector Switches are suitable for instruments like Ammeters, Voltmeters, Power factor Meters etc. The design enables to indicate by mean of a single meter, the current or the voltage. Ammeter Selector Switches are provided with make before e break contact to give security against risk to open circuit of the current transformer secondaries. Listed below are standard switches.

Type :

Open execution without any enclosure.

Design :

Air break wiping contacts (Double Break)self aligning

Rating :

10Amp . for working voltage of 250V or 440 V for AC Circuits only .


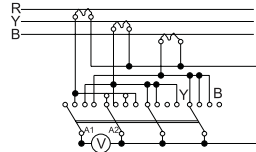

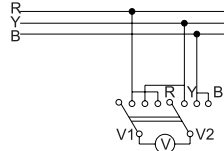

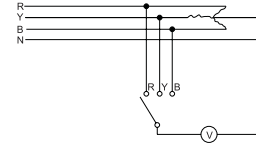

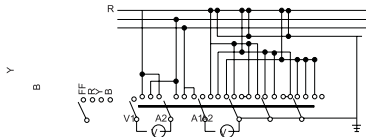

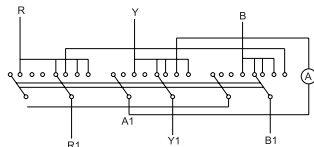
Mechanism :

Slow - Break - principally for AC switching only

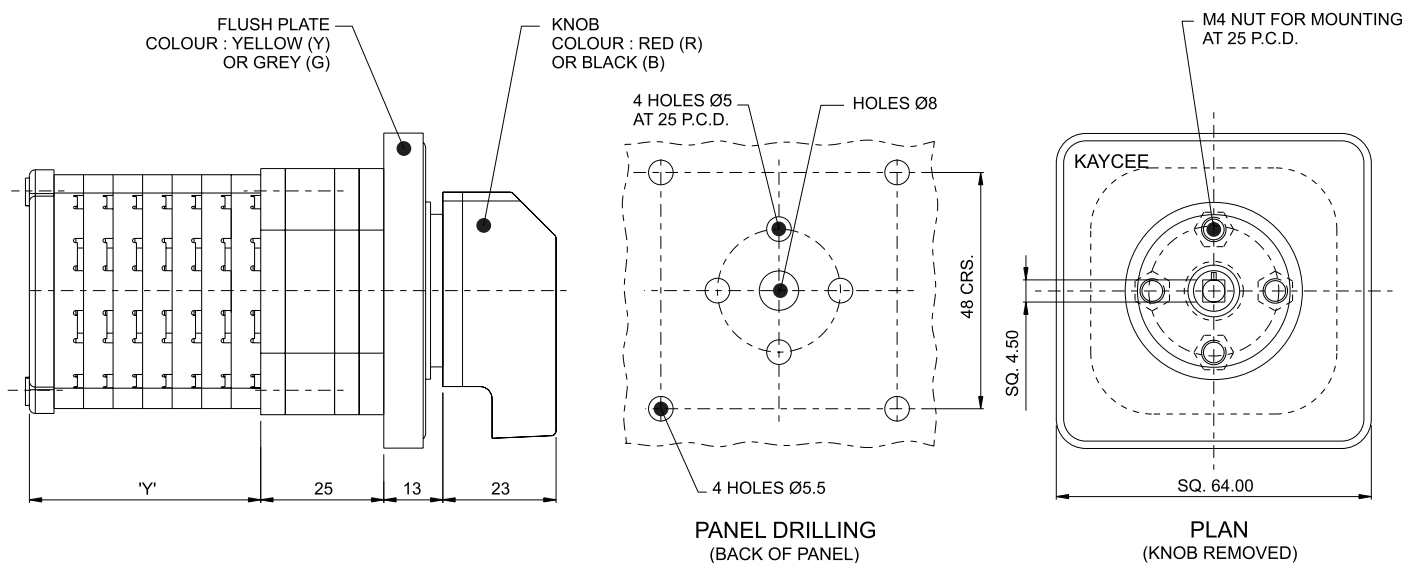
Mounting :

For switches flush at the back of panel mounting specify SRP for Switched at the front of panel base mounting specify SBC.

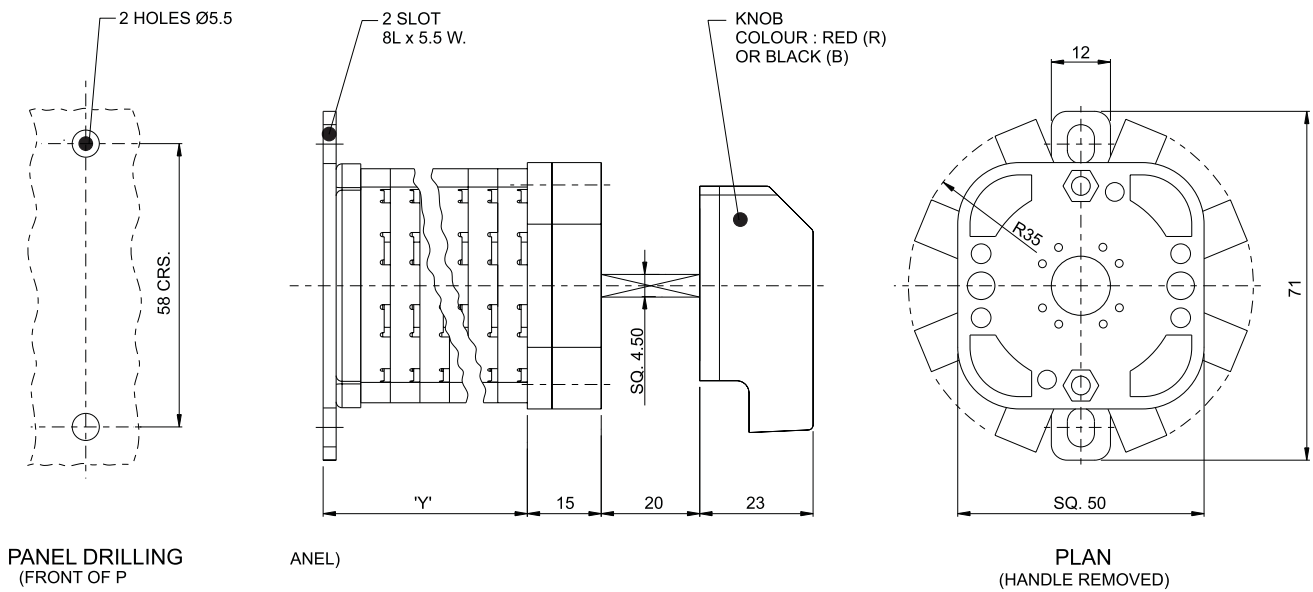


AMMETER SELECTOR				
SWITCHING	TYPE	DIM 'Y'	R DIAGRAM	
 <p>Current in each phase with OFF 4 positions 90° Indicating plate size 65 X 65 mm sq.</p>	SRP136MA60	41		
VOLTMETER SELECTOR				
 <p>Voltage between phase with OFF 4 positions 90° Indicating plate size 65 X 65 mm sq.</p>	SRP135VS	35		
 <p>Voltage between phase and neutral with OFF 4 positions 90° Indicating plate size 65 X 65 mm sq.</p>	SRP115BE18	35		
SPECIAL SELECTOR SWITCHES				
 <p>With one switch to indicate, with one Ammeter & one Voltmeter, Simultaneous Reading of phase current & Voltage between phases, with an OFF position. Indicates plate size 65 X 65 mm sq.</p>	SRP1310MB28	65		
 <p>4 Pos. Ammeter selector switch Direct in line without CT Indicating plate size 65 X 65 mm sq.</p>	SRP1313ZZF12	83		

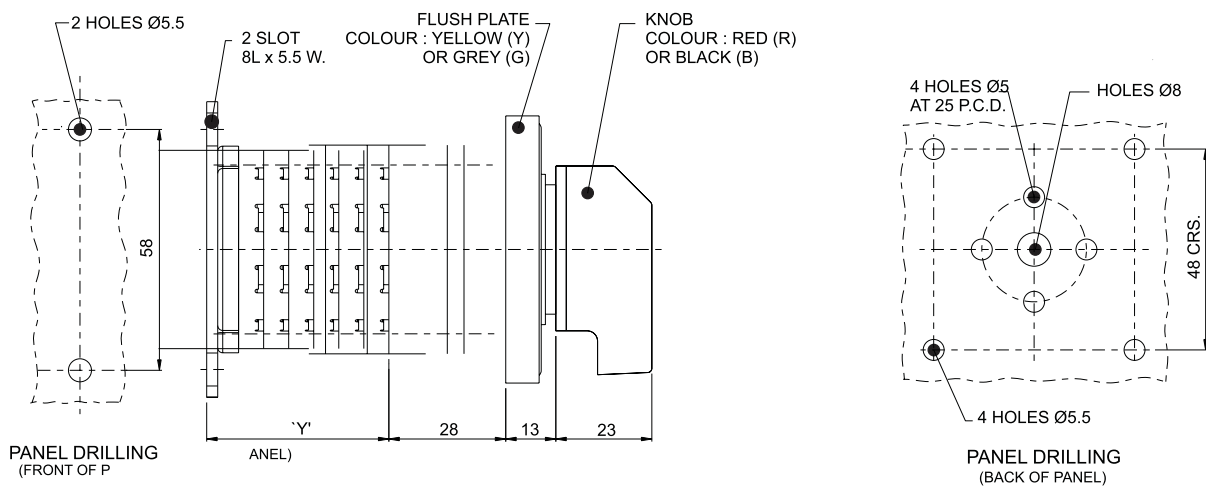
PANEL MOUNTING



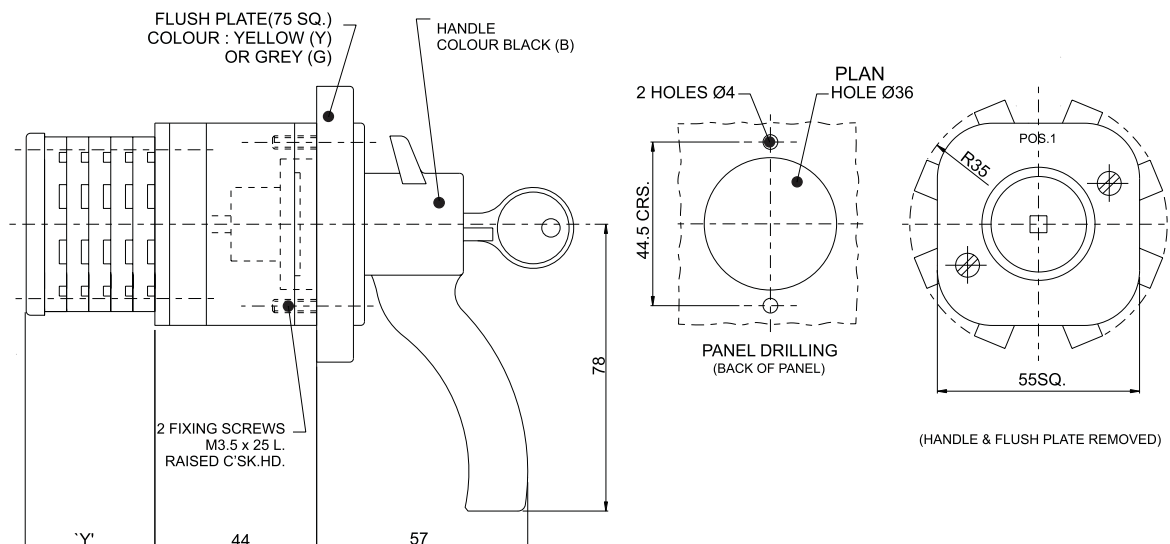
BASE MOUNTING



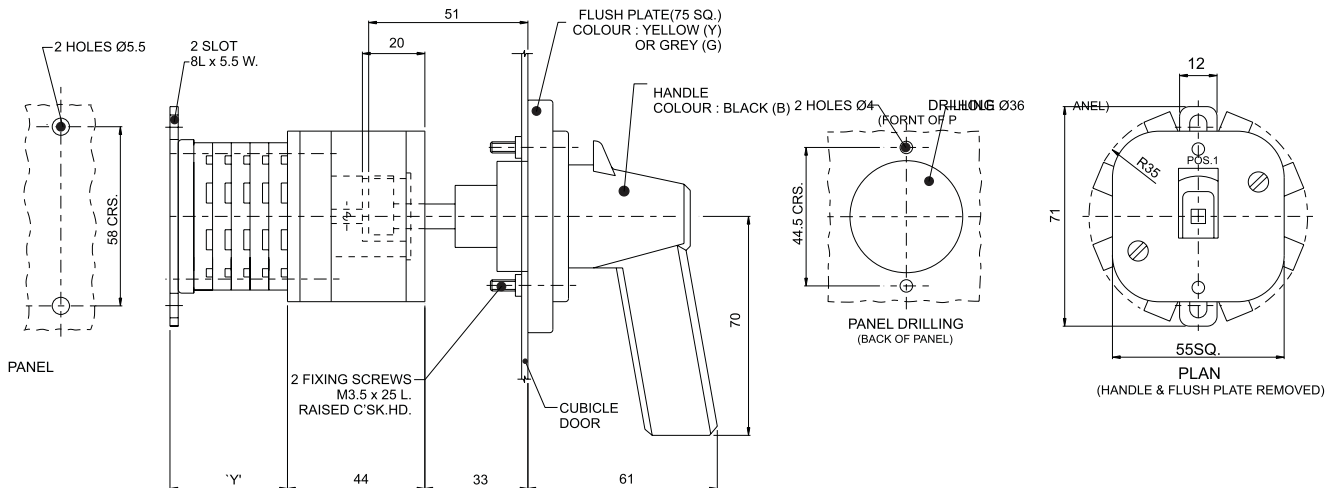
SMALL UNIVERSAL MOUNTING



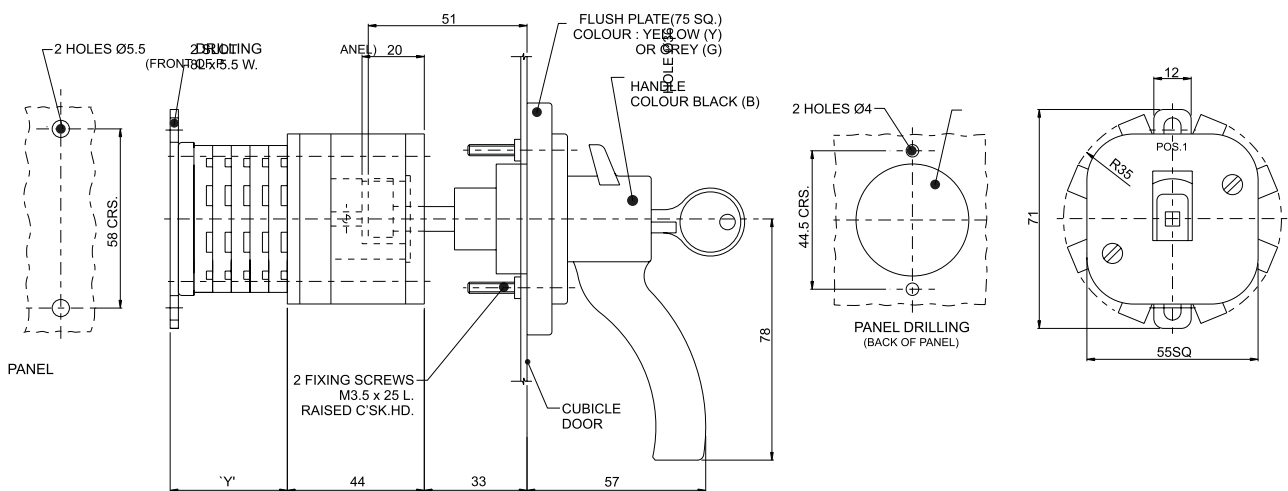
CENTER KEY LOCK



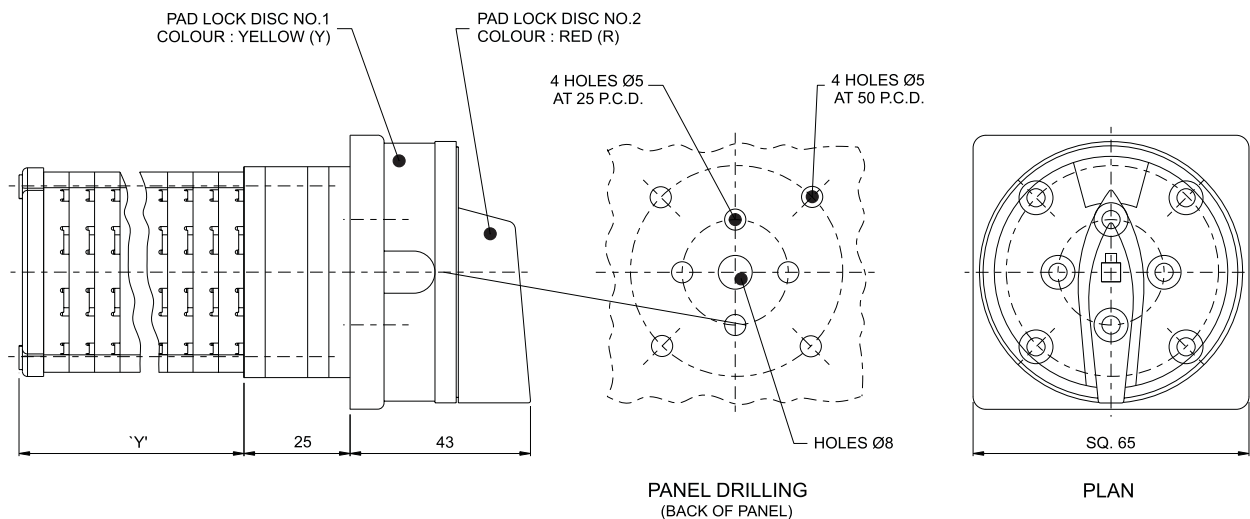
CUBICLE DOOR INTERLOCK(NON LOCKABLE)



CUBICLE DOOR INTERLOCK (LOCKABLE)



PAD LOCK SWITCH



Manufactured by :
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