

## Cam Switches - Door Mount

### Product Details

Part No.	Position	Type	Detail	Label Position
CS22101M	3 Position	Maintained	Changeover (AUTO, OFF, MANUAL)	(60 DEG) (10-0-2)
CS22101S	3 Position	Spring Return	Changeover (RESET, STANDBY, TEST)	(45 DEG) (10:30-0-1:30)
CS2211M	2 Position	Maintained	Changeover (AUTO, MANUAL)	(60 DEG) (10-2)
CS2210M	2 Position	Maintained	With Off (OFF, ON)	(60 DEG) (0-2)
CS2211S	2 Position	Spring Return	Changeover (AUTO, MANUAL)	(45 DEG) (0-1:30)

\* 2 position labels (CS22-ENGPLA-2P) are available as accessories in 5 options:  
 1. OFF/ON 2. ON/OFF 3. AUTO/OFF 4. OFF/AUTO 5. AUTO/MAN

### Product Images



**Technical Specifications**

Protection from front: IP65

Specification		
Rated insulation voltage	U <sub>i</sub> V	660/690
Rated thermal current	I <sub>th</sub> A	20
Rated working voltage	U <sub>e</sub> V	24-110 240 440
Rated working current	I <sub>e</sub>	
AC-21A AC-22A	A	20 20
AC-23A	A	15 15
AC-2	A	15 15
AC-3	A	11 11
AC-4	A	3.5 3.5
AC-15	A	5 4
DC-13	A	120.4 0.4
Power P		
AC-23A	KW	3.7/2.5 7.5/3.7
AC-2	KW	4 7.5
AC-3	KW	3/2.2 5.5/3
AC-4	KW	0.55/0.75 1.5/1.5

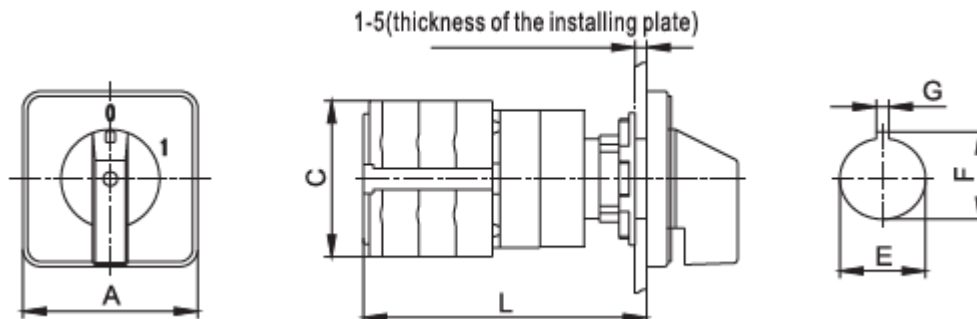
AC Duty Rating	
Category	Typical AC Application
AC-1	Non-Inductive or slightly Inductive Loads, Resistance Furnaces
AC-2	Wound-Rotor Motors: starting switching off motors
AC-3	Squirrel Cage Motors: starting switching off motors during running
AC-4	Squirrel Cage motors: starting, plug braking or reverse motion jog running
AC-15	Control of AC electromagnetic loads
AC-21A	Switching of resistive loads, including moderate overloads (frequent switching)
AC-23-A	Switching of motor loads or other highly inductive loads (frequent switching)

Re2: The power under: AC-23A, AC-3, AC-4 are in three phase three poles, and the denominator represents the power under single phase two poles.

**Mechanical Life**

<b>Without load:</b>	0.1 x 10 <sup>6</sup> times, operation frequency is 120 times/h
<b>With load:</b>	0.03 x 10 <sup>6</sup> times, operation frequency is 120 times/h

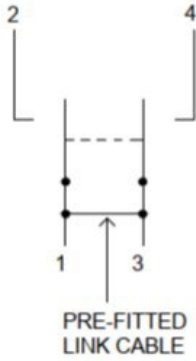
**Product Dimensions**



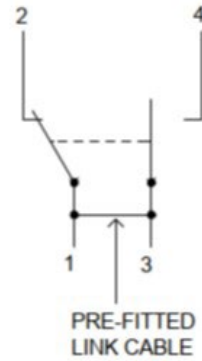
	Dimensions (mm)			Installation (mm)		
	A	C	L	E	F	G
Escutcheon plate						
M1 square	48	43	42+9.6n	∅ 22.3	24.1	3.2

**Connecting Diagrams**

3 POSITION



2 POSITION  
WITHOUT OFF



2 POSITION  
WITH OFF



Subject to change without notice