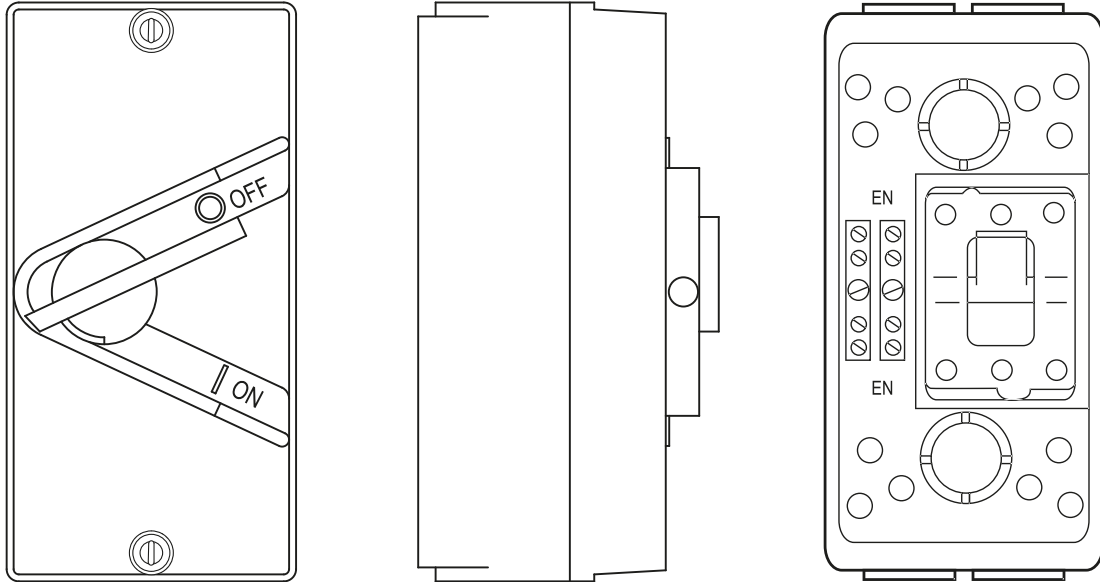


- SS20A-RS
- SS35A-RS
- SS63A-RS

- SS20A-RSY
- SS35A-RSY
- SS45A-RSY
- SS63A-RSY



IP66 Rectangular Isolator Switches



These isolators are supplied as either a 3P + N or 4 pole IP66 surface mount disconnect switch.

	SS20A-RS SS20A-RSY	SS35A-RS SS35A-RSY	SS45A-RSY	SS63A-RS SS63A-RSY
Rated isolation voltage (Ui)	500V			
Rated operational Voltage (Ue) [Ue ≤ Ui]	415V			
Rated impulse withstand voltage (Uimp)	6KV			
Rated operational current (Ie) Amps	20A	35A	45A	63A
Rated operational power Watts AC-22B	10kW	16kW	22kW	30kW
Utilisation category (Note 1)	AC-22B			
Short circuit withstand capacity (Icw) (1sec)	240A	384A	480A	756A
Isolator Type (Note 2)	Standard isolator models suffix – RS (Switch grey) Emergency isolator models suffix – RSY (Switch red/yellow)			
Lockable	Yes – in OFF position only			
IP Rating	IP66			
No. of poles	3P + N, or 4P			
Standard	IEC/EN60947-3 Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units.			
Terminal capacity	2.5-16mm ² cable			
Enclosure Dimensions (excluding handle)				
Depth mm	86			
Height mm	166			
Width mm	83			

Note 1. Utilisation category

The designation of the utilisation category is made up of three parts:

1. The prefix AC or DC, which indicates the nature of the current.
2. The two digit number, which indicates the type of application the unit is suitable for:
 - 3 - Squirrel-cage motors: starting, switching off motors during running
 - 20 - Connecting and disconnecting under no-load conditions.
 - 21 - Switching of resistive loads, including moderate overloads.
 - 22 - Switching of mixed resistive and inductive loads, including moderate overloads.
 - 23 - Switching of motor loads or other highly inductive loads.
3. The suffix A or B, relates to whether or not the disconnecter is specifically intended for selectivity by means of an intentional time delay with respect to other circuit breakers in series on the load side under short-circuits conditions. (i.e. whether or not I_{cw} required)
 - A Protection of circuits with no rated short-time withstand current. (i.e., no delay)
 - B Protection of circuits with a short-time withstand current (For this category of circuit breaker, the value of short-circuit current (I_{cw}) that can be withstood for a specified time is also required)

Examples:

A fuse-combination unit feeding a 400V AC circuit of mixed resistive and inductive loads operated frequently would require a minimum utilisation category of AC-22A.

With highly inductive, i.e. motor loads, then the minimum utilisation category would be AC-23A. (Generally, category AC-23 does not cover the switching of capacitors, which can put a very heavy load on the contacts. Usually this is the subject of agreement between manufacturer and user)

Note 2: Emergency Stop

Supply disconnecting devices are acceptable for use as local EMERGENCY STOP devices as long as:

- They are easily accessible for operating personnel.
- The handle is red and on a yellow background.
- The device has a breaking capacity sufficient to interrupt the current of the largest motor when stalled together with the sum of the normal running currents of all other motors and loads.
- The device is able to conduct the total rated operational current of all connected devices.
- The EMERGENCY STOP switch may not break those circuits that could lead to endangerment of the personnel or the machine.

Disposal Information

Should you want to dispose of this item please do not put it with the household waste. Used electrical and electronic equipment and batteries must be made available for separate collection. Electrical products may contain toxic materials such as lead or cadmium. Separate collection allows materials to be recovered and recycled. Private households may return their used electrical and electronic equipment to designated collection facilities free of charge. Facilities are usually available at the municipal waste site, your electrical retailer, or your local authority may provide separate collection from the household. By disposing of this product correctly you will be providing positive help to the environment.



Get Switched On



Selectric UK Head Office & Distribution Centre

LGA Europe Limited, Cow Lane
Oldfield Road, Salford
Manchester, M5 4NB, England

SAFETY FIRST

- BEFORE STARTING ANY ELECTRICAL WORK ALWAYS SWITCH OFF AT THE MAINS
- IF IN DOUBT CONSULT A QUALIFIED ELECTRICIAN