

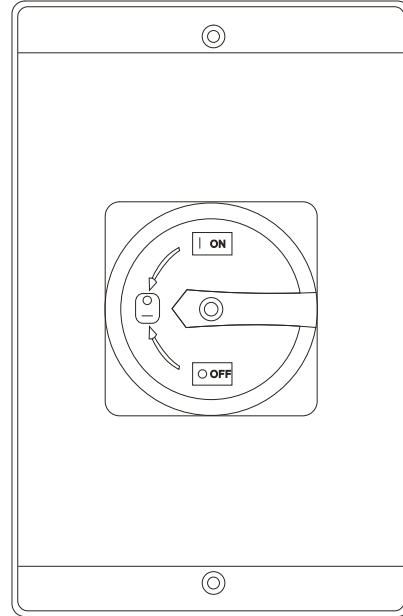
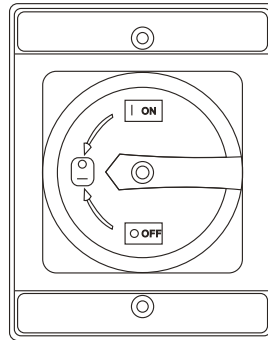
Product Codes:

- SSRI-16A
- SSRI-20A
- SSRI-25A
- SSRI-32A
- SSRI-SPEC32
- SSRI-40A
- SSRI-63A
- SSRI-100A



IP65 Rotary Isolator Switches

- 3P or 3P + N isolator (3P isolator standard. Optional additive Neutral module. Converts to 3P + N (early make/late break N))
- Impact resistant base and cover
- Lockable in OFF position (up to 3 padlocks)
- IP65 Rated enclosure - 415 Volt
- Surface mounting with polycarbonate housing
- Compliant with BS EN 60947-3



	SSRI-16A	SSRI-20A	SSRI-25A	SSRI-32A	SSRI-SPEC32	SSRI-40A	SSRI-63A	SSRI-100A
Rated isolation voltage (Ui)	690V							
Rated operational Voltage (Ue) Ue<Ui]	440V							
Rated impulse withstand voltage (Uimp)	6KV							
Rated operational current (Ie) Amps	16A	20A	25A	32A		40A	63A	100A
Rated operational power Watts AC-23A	4kW	5.5kW	7.5kW	11kW		15kW	22kW	37kW
Rated operational power Watts AC-3	3kW	4kW	5kW	7.5kW		11kW	18.5kW	30kW
Utilisation category (Note1)	AC-3 AC-23A							
Short circuit withstand capacity (Icw)	320A			500A		800A		2000A
Lockable	Yes – in OFF position only							
IP rating	IP65							
No of poles	3P or 4P							
Standard	IEC/EN60947-3, Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units.							
Terminal capacity	1.5-2.5mm ² cable			6-10mm ² cable		6-16mm ² cable		25-35mm ² cable
Enclosure Dimensions (excluding handle)								
Depth mm	86				101			122
Height mm	126				176			240
Width mm	101				116			160

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 disconnector 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 Icw 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 (Icw) 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:

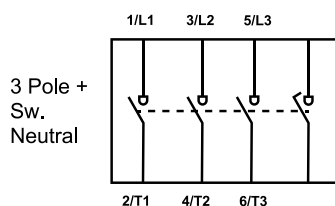
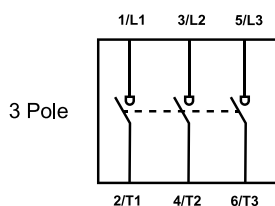
- They are easily accessible for operating personnel.
- The handle is red and on a yellow background.
- The device has a breaking capacity sufficient to interrupt the current of the largest motor when stalled together with the sum of the normal running currents of all other motors and loads.
- The device 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.

Note 3: N Terminal

- **N module** – The neutral contact is early make/late break
Addition of this module converts the isolator from 3P to 3P+N



Terminal Configuration



Note: Neutral contact is early make / late break

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