



Isoline Enclosed switches

Safe, durable, space saver
and easy to install



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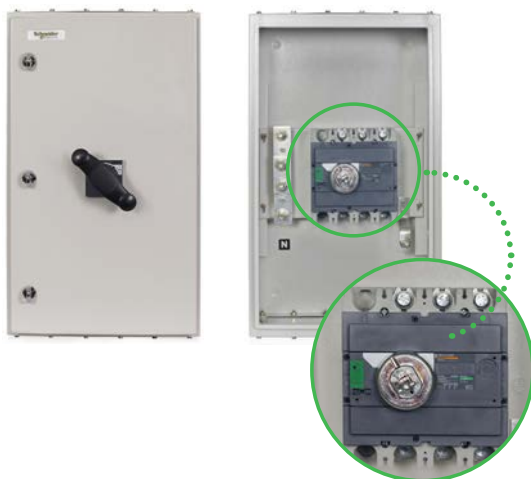
switches for **quick-operation convenience** to end-users in the residential and industrial applications. A new innovative **solution** to meet customer's requirements.

Type-tested, **heavy duty** metal switches designed and manufactured by Schneider Electric.



Technical features

- Enclosed load break switches: 25 to 630A rating
- Conforms to IEC60947-3 for Switch-Disconnectors
- Rated operational voltage: up to 690V
- Rated Insulation voltage : up to 750V
- Degree of protection: KEMA certified IP65 up to 80A and IP55 for 100-630A enclosures as per IEC60529
- Epoxy powder RAL9002 texture finish
- 1.2mm / 1.5mm thick EG sheet steel
- Ambient temperature suitable for 50° operation



Salient features

- Large cabling space allowing easy and quick installation even for smaller ratings
- The door cannot be opened when the handle is in ON position
- The door handle can be pad-locked in OFF position thus preventing the door opening and closing of the circuit in maintenance situations
- Removable top and bottom gland plates
- Door locking system standard metallic type (key-lock option available)
- Extension box available to meet additional cable needs as optional. This option is available for size – 3 and size – 4 boxes only

Ordering information

ES S1 V 3P 63

- Current rating: **25A to 630A**
- No of poles: **3P or 4P**
- Type of switch: **V - Vario / I - INS Switch**
- Box size:
 - S1 - Vario up to 80A**
 - S1A - Vario up to 80A, Compact design**
 - S2 - INS100 - 160A**
 - S3 - INS200, 250A and**
 - S4 - INS320 - 630A**
- **ES:** Enclosed Switch "Isoline"



Isoline 3 pole references

Reference	Description
ESS1V3P25	Enclosed switch 25A/ 3Pole + Neutral Link
ESS1V3P32	Enclosed switch 32A/ 3Pole + Neutral Link
ESS1V3P40	Enclosed switch 40A/ 3Pole + Neutral Link
ESS1V3P63	Enclosed switch 63A/ 3Pole + Neutral Link
ESS1V3P80	Enclosed switch 80A/ 3Pole + Neutral Link
ESS1AV3P25	Enclosed switch 25A/ 3Pole + Neutral Link
ESS1AV3P32	Enclosed switch 32A/ 3Pole + Neutral Link
ESS1AV3P40	Enclosed switch 40A/ 3Pole + Neutral Link
ESS1AV3P63	Enclosed switch 63A/ 3Pole + Neutral Link
ESS1AV3P80	Enclosed switch 80A/ 3Pole + Neutral Link
ESS2I3P100	Enclosed switch 100A/ 3Pole + Neutral Link
ESS2I3P125	Enclosed switch 125A/ 3Pole + Neutral Link
ESS2I3P160	Enclosed switch 160A/ 3Pole + Neutral Link
ESS3I3P200	Enclosed switch 200A/ 3Pole + Neutral Link
ESS3I3P250	Enclosed switch 250A/ 3Pole + Neutral Link
ESS4I3P320	Enclosed switch 320A/ 3Pole + Neutral Link
ESS4I3P400	Enclosed switch 400A/ 3Pole + Neutral Link
ESS4I3P500	Enclosed switch 500A/ 3Pole + Neutral Link
ESS4I3P630	Enclosed switch 630A/ 3Pole + Neutral Link

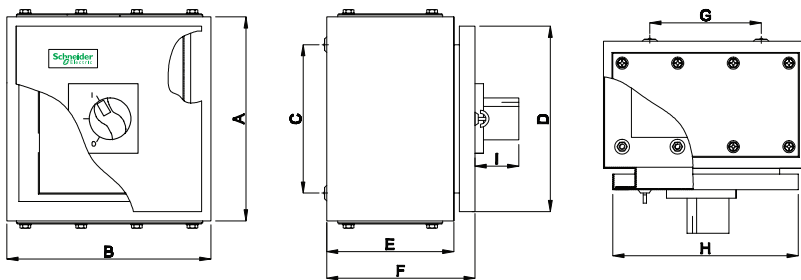
Isoline 4 pole references

Reference	Description
ESS1V4P25	Enclosed switch 25A/ 4Pole
ESS1V4P32	Enclosed switch 32A/ 4Pole
ESS1V4P40	Enclosed switch 40A/ 4Pole
ESS1V4P63	Enclosed switch 63A/ 4Pole
ESS1V4P80	Enclosed switch 80A/ 4Pole
ESS1AV4P25	Enclosed switch 25A/ 4Pole
ESS1AV4P32	Enclosed switch 32A/ 4Pole
ESS1AV4P40	Enclosed switch 40A/ 4Pole
ESS1AV4P63	Enclosed switch 63A/ 4Pole
ESS1AV4P80	Enclosed switch 80A/ 4Pole
ESS2I4P100	Enclosed switch 100A/ 4Pole
ESS2I4P125	Enclosed switch 125A/ 4Pole
ESS2I4P160	Enclosed switch 160A/ 4Pole
ESS3I4P200	Enclosed switch 200A/ 4Pole
ESS3I4P250	Enclosed switch 250A/ 4Pole
ESS4I4P320	Enclosed switch 320A/ 4Pole
ESS4I4P400	Enclosed switch 400A/ 4Pole
ESS4I4P500	Enclosed switch 500A/ 4Pole
ESS4I4P630	Enclosed switch 630A/ 4Pole

Rating table

Reference 3P and 4P	Rated Operational Current – Ie (A)	
	AC22A (Ue-400/690V)	AC23A (Ue-400/690V)
ESS1V3P25 / ESS1V4P25	25 / 25	14.5 / 17.5
ESS1V3P32 / ESS1V4P32	32 / 32	21.8 / 17.5
ESS1V3P40 / ESS1V4P40	40 / 40	29 / 17.5
ESS1V3P63 / ESS1V4P63	63 / 63	41.5 / 25
ESS1V3P80 / ESS1V4P80	80 / 80	57 / 33
ESS1AV3P25 / ESS1V4P25	25 / 25	14.5 / 17.5
ESS1AV3P32 / ESS1V4P32	32 / 32	21.8 / 17.5
ESS1AV3P40 / ESS1V4P40	40 / 40	29 / 17.5
ESS1AV3P63 / ESS1V4P63	63 / 63	41.5 / 25
ESS1AV3P80 / ESS1V4P80	80 / 80	57 / 33
ESS2I3P100 / ESS2I4P100	100 / 100	100 / 63
ESS2I3P125 / ESS2I4P125	125 / 125	125 / 80
ESS2I3P160 / ESS2I4P160	160 / 160	160 / 100
ESS3I3P200 / ESS3I4P200	200 / 200	200 / 200
ESS3I3P250 / ESS3I4P250	250 / 250	250 / 250
ESS4I3P320 / ESS4I4P320	320 / 320	320 / 320
ESS4I3P400 / ESS4I4P400	400 / 400	400 / 400
ESS4I3P500 / ESS4I4P500	500 / 500	500 / 500
ESS4I3P630 / ESS4I4P630	630 / 630	630 / 630

Dimension details

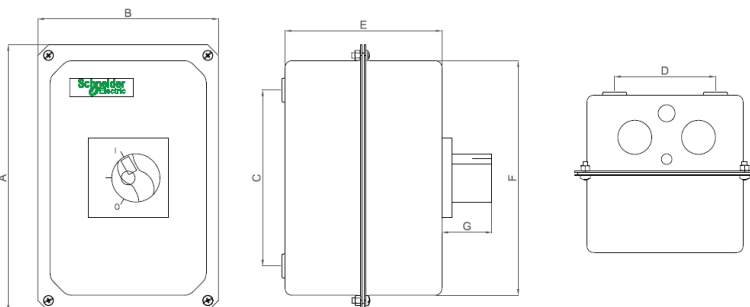


Switch ratings

in AMPS	A	B	C	D	E	F	G	H	I
up to 80A	220	220	160	200	137	160	120	200	47
100 – 160A	340	320	280	320	157	185	220	300	47
200 – 250A	420	400	320	400	227	250	300	380	47
320 – 630A	680	400	620	660	227	250	300	280	64

Note: All dimensions are in mm.

Isoline up to 80A–S1A box dimension details



Switch ratings

in AMPS	A	B	C	D	E	F	G
up to 80A	250	170	165	95	147	220	47

Note: All dimensions are in mm.



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