

TECHNICAL SPECIFICATION

Switch disconnectors ISS2 125...800A



Description:

The series three- and four-pole load switch disconnectors ISS2 xxx are produced for mounting in main electrical boards for disconnection of the circuits, switching on of generators because of the fact they are not affected by the frequency variations. High mechanical strength and resistance to circulation. Simple and secure management. There is a possibility for the products to be produced with an window for visible disconnection.

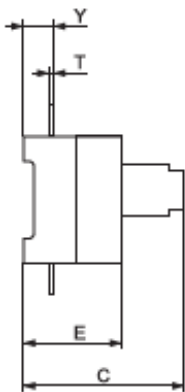
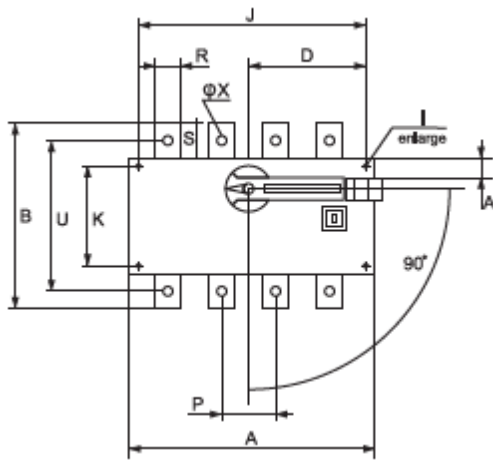
Functions:

- switching on and off of electrical circuits under load
- disconnection of electrical circuits
- used as main circuit-breaker
- resistant to high voltages, to short circuits in the protected circuit
- it has no protective function

Technical data:

- Rated voltage: not higher than 660V; 50/60Hz
- Double connector: screw connection
- Connection: solid or flexible conductors
- Insulation voltage: $\geq 1000V$
- Resistance to impulse voltage: 8000V
- Electrical endurance (number of cycles): $\geq 5\ 000$
- Mechanical endurance (number of cycles): $\geq 10\ 000$
- IP code: IP>20
- Mounting method: to a surface by means of bolts
- Plastic resistant to UV rays
- Ambient temperature: $-20^{\circ} \div 65^{\circ}C$

Dimensions:



Type	A	B	C	D	E	J	J1	K	R	S	T	Y
ISS2-125/3	140	135	125	27	73	120	120	65	20	25	3.5	25
ISS2-125/4	170	135	125	27	73	150	150	65	20	25	3.5	25
ISS2-160/3	140	135	125	27	73	120	120	65	20	25	3.5	25
ISS2-160/4	170	135	125	27	73	150	150	65	20	25	3.5	25
ISS2-250/3	180	170	138	35	86	160	160	90	25	30	3.5	25
ISS2-250/4	230	170	138	35	86	210	210	90	25	30	3.5	25
ISS2-400/3	230	240	165	50	110	210	210	140	32	40	5	37
ISS2-400/4	295	240	165	50	110	275	275	140	32	40	5	37
ISS2-630/3	230	260	165	50	110	210	210	140	40	50	6	37
ISS2-630/4	295	260	165	50	110	275	275	140	40	50	6	37
ISS2-800/3	378	312	240	50	140	353	353	175	60	56	8	48
ISS2-800/4	498	312	240	50	140	473	473	175	60	56	8	48

Type	Rated current In(A)	Maximum breaking capacity Icu (A)	Tightening moment (Nm)	Packing / Box (pcs)	Catalogue number three-pole	Catalogue number four-pole
ISS2-125in	125	1250	6.5	1 / 12	41951	41961
ISS2-125out	125	1250	6.5	1 / 12	41952	41962
ISS2-160in	160	1250	6.5	1 / 12	41953	41963
ISS2-160out	160	1250	6.5	1 / 12	41954	41964
ISS2-250in	250	2000	10	1 / 6	41955	41965
ISS2-250out	250	2000	10	1 / 6	41956	41966
ISS2-400in	400	3200	14.5	1 / 2	41957	41967
ISS2-630in	630	4000	14.5	1 / 2	41958	41968
ISS2-800in	800	1000	27	1 / 2	41959	41969

Standards:

EN 60947-1

EN60947-3

EN60947-6-1

