

OM/OMB

Indoor switch-disconnector



CHARACTERISTICS

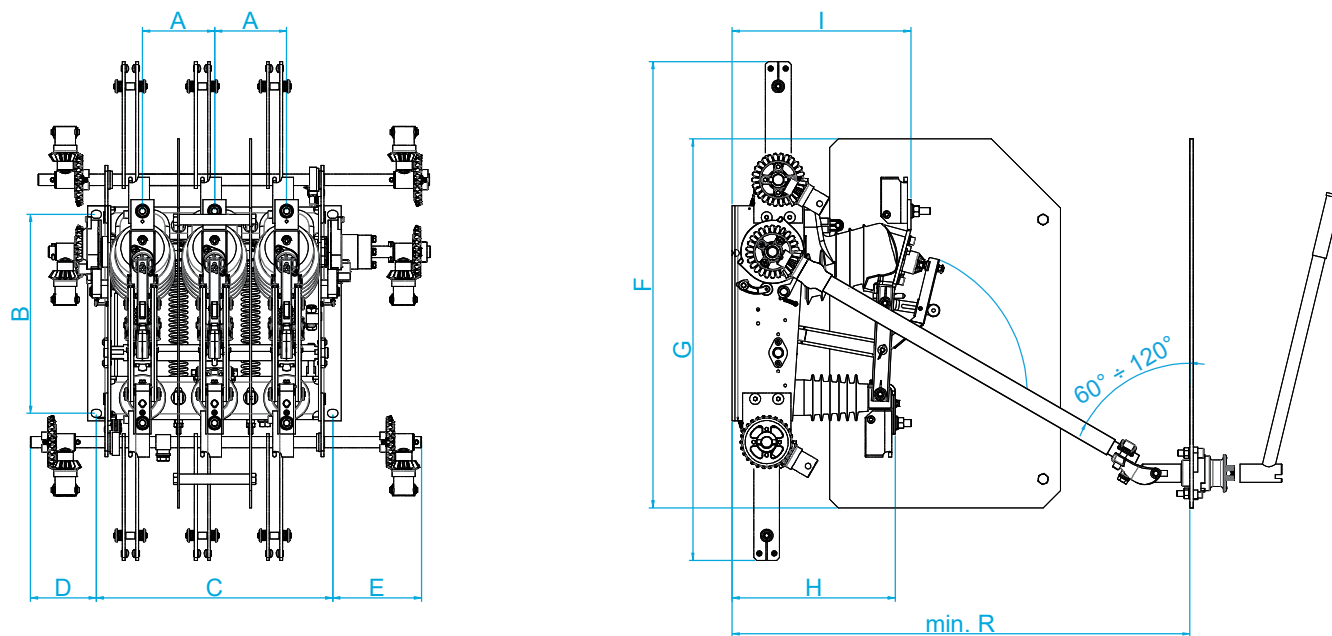
- High switching parameters
- Construction solutions guaranteeing inflexible work – extinguishing system, arcing contact
- Module design which allows to adapt apparatus to clients' requirements
- Version with fast moving earthing switch UDS – short-circuit making current ability
- Possibility to use motor operating mechanism with remote control
- Many dimensions of distance between poles available
- A few versions of assembling in switchgears – front, rear
- Possibility to use additional equipment: voltage indicator, electromagnetic shunt trip, auxiliary contact switch, insulators with voltage detector

SPECIFICATION

Item	Parameter	Value	
1.	Rated operating voltage	12 [kV]	24 [kV]
2.	Rated frequency	50 [HZ]	50 [HZ]
3.	Rated continuous current	630 [A]	630 [A]
4.	Rated transitive current	700 [A]	1000 [A]
5.	Work switching capabilities: - low inductance circuit - ring network circuits - cable and overhead line loading	630 [A] 630 [A] 50 [A]	630 [A] 630 [A] 25 [A]
6.	Maximum fuse cartridge size	100 [A] ¹	100 [A] ¹
7.	Rated short-circuit making current	50 [kA]	40 [kA]
8.	Peak withstand current	50 [kA]	50 [kA]
9.	Short-circuit withstand current, 1 sec.	20 [kA]	20 [kA]
10.	Test voltage (50 Hz): - earth and pole to pole insulation - terminal to terminal insulation	28 [kV] 32 [kV]	50 [kV] 60 [kV]
11.	Surge test voltage: - earth and pole to pole insulation - terminal to terminal insulation	75 [kV] 85 [kV]	125 [kV] 145 [kV]
12.	Mechanical strength	2000 cycles	2000 cycles

¹Compatible with HH type 120 A fuse cartridge by SIBA

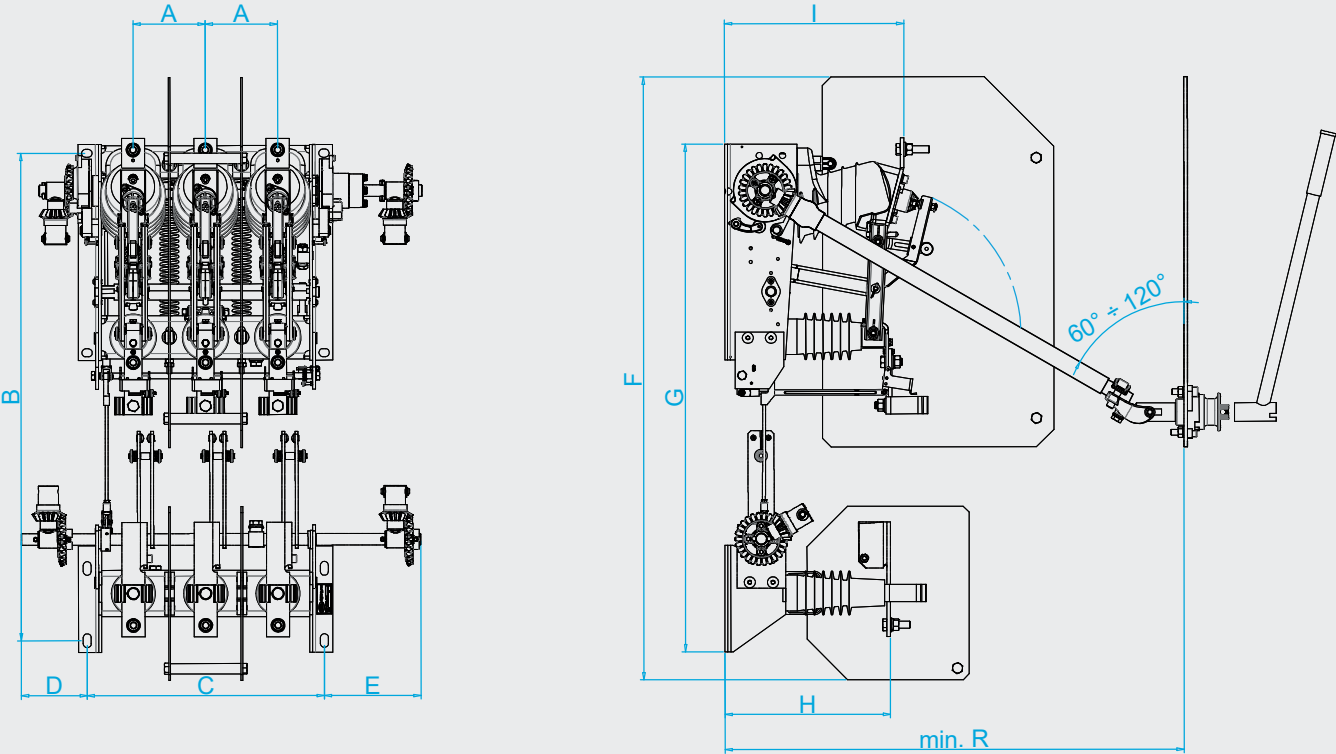
DRAWING



Switch disconnector type	Dimensions [mm]									
	A	B	C	D	E	F	G	H	I	R
OM-12/UD/UG/125/ LO PO	125	345	410	114*	170*	775	732	283	310	800
OM-12/UD/UG/185/ LO PO	185		530			646	626			
OM-24/UD/UG/160/ LO PO	160	395	480	170	170	982	890	365	387	1000
OM-24/UD/UG/275/ LO PO	275		710			790	802			

*Possibility of reducing the dimensions

DRAWING



Switch disconnecter type	Dimensions [mm]									
	A	B	C	D	E	F	G	H	I	R
OMB-12/BD/UD/125/ LO PO	125	843	410	114*	170*	1042	877	286	310	800
OMB-12/BD/UD/185/ LO PO	185		530			-				
OMB-24/BD/UD/160/ LO PO	160	1043	480	170	170	1354	1078	371	387	1000
OMB-24/BD/UD/275/ LO PO	275		710			-				

*Possibility of reducing the dimensions

Dimensions for fuse cartridge 12 kV e=292, 24 kV e=442. For different dimensions – drawings according to an inquiry