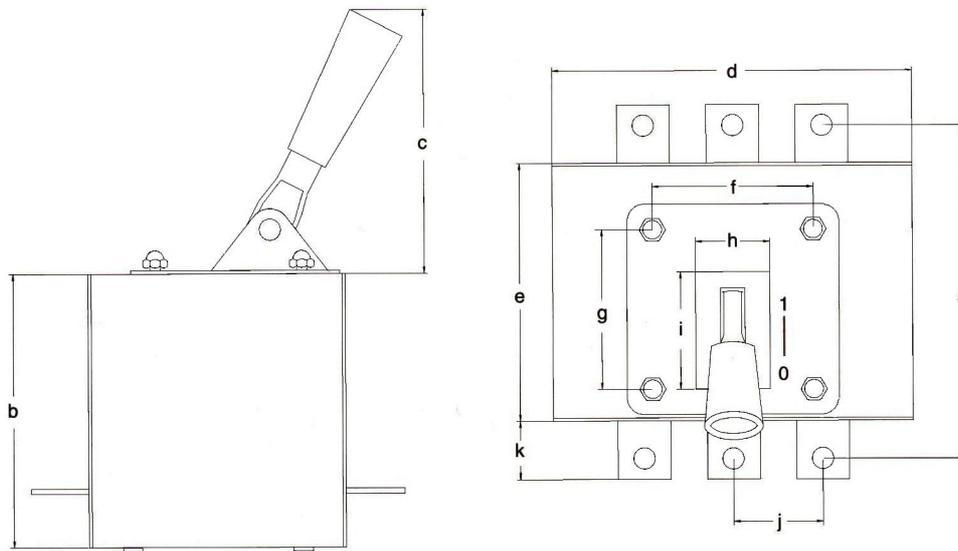


# Low Voltage Load Disconnecting Switches



Type	Rated Operational Voltage	Rated Insulation Voltage	Rated Operational Current	Front Fuse Current	Short – Circuit Current "Eff" 0.3 Second	Short – Circuit Current "Peak" 0.3 Second	Cutting Time	a	b	c	d	e	f	g	h	i	j	k	Bonnection Busbar	Connection Bolt	Weight (kg)
YKS 160	380V	500V	160A	300A	10 kA	25 kA	12 ms.	164	135	125	170	120	70	70	36	56	43	32	25x2,5	M8x20	3,4
YKS 250	380V	500V	250A	400A	12 kA	30 kA	12 ms.	164	135	125	170	120	70	70	36	56	43	32	25x5	M8x20	3,6
YKS 400	380V	500V	400A	630A	12 kA	40 kA	12 ms.	164	140	125	210	120	70	70	36	56	66	36	33x5	M8x20	4,6

## Technical Features

EMi low voltage load disconnecting switches are produced according to TS 565 EN 60129, IP 30 protection, ISO 9001:2008 Quality Assurance System and AC-22 class. Products are manufactured by using high quality and from durable materials. Products are suitable for electric companies' specifications.

The distribution board can be easily disassembled thanks to cap nuts inserted through the switches on the board. The bodies of the switches are made from cadmium plated metal sheet for durability.

Components of the switches are made from electrolytic copper and electro silver plated to provide the best transition resistance. Due to the fact that on/off speed of the switch is not depending on the users, the switches should be switched on/off cautiously under electric load.

As moving contacts are designed as two parallel blades, they clean themselves when they work.

By using the special coil springs the resistance of contact transitions could be decreased to prevent heating of the switches for long lasting. The switching on-off capacity of is expanded safely with addition of new technologies