

RCO50

Center-Off Change-Over Switch



Types

16 A, 25 A, 40 A	single pole
25 A, 32 A, 40 A	two pole
20 A, 40 A	three pole
32 A, 40 A	four pole

Applications

MCB Changeover switch finds wide & varied applications in industries and domestic area for use in low voltage distribution circuits, wherever continuity of supply is necessary, for switching to an alternate source of supply from main supply and vice - versa. They are switch disconnectors with independent manual operation, capable of making, carrying and breaking currents under normal circuit conditions, which may include operating overload condition and carry currents under specified abnormal circuit conditions such as those of short circuit for a specified time.

Features

- ▶ Compact design
- ▶ Clear indication of Line 1, Line 2 and OFF position.
- ▶ DIN mounted with high capability contacts for weld free operations.
- ▶ IP 20 protections: Finger-touch proof.
- ▶ Flame retardant plastic housing.
- ▶ Higher short circuit withstands capacity
- ▶ Utilization Category: AC-22A: Mixed resistive and moderate inductive loads

Standards

- ▶ IEC 60947-3

RCO50 characteristics

Technical data	Symbol	Unit	RCO50
Standards			IEC 60947-3
Number of poles			1, 2, 3, 4
Rated current	I_n	A	16, 20, 25, 32, 40
Rated voltage	U_n	V	240/415
Rated frequency	f	Hz	50/60
Rated impulse withstand voltage	U_{imp}	kV	4
Rated short-time withstand current	I_{cw}	A	480/1s
Rated short-circuit making capacity	I_{cm}	A	800
Utilization category			AC-22A
Electrical durability		op. c.	10.000
Mechanical durability		op. c.	2.000
Mounting			DIN rail
IP degree			IP20
Cable termination		mm ²	16
Torque		Nm	1.2

RCO50 ordering data

Type	Rated Current I_n (A)	Number of Poles	Ordering No.
RCO51 16A Iskra	16	1	300.100.32
RCO51 25A 1-0-2 1P	25	1	786.101.201
RCO51 40A 1-0-2 1P	40	1	786.101.202
RCO52 25A 1-0-2 2P	25	2	786.101.205
RCO52 32A 1-0-2 2P	32	2	786.101.206
RCO52 40A 1-0-2 2P	40	2	786.101.207
RCO53 20A 1-0-2 3P	20	3	786.101.208
RCO53 40A 1-0-2 3P	40	3	786.101.209
RCO54 32A 1-0-2 4P	32	4	786.101.210
RCO54 40A 1-0-2 4P	40	4	786.101.211

Dimensions (mm)

