

# Group Change-Over Switches Ex9BT3G



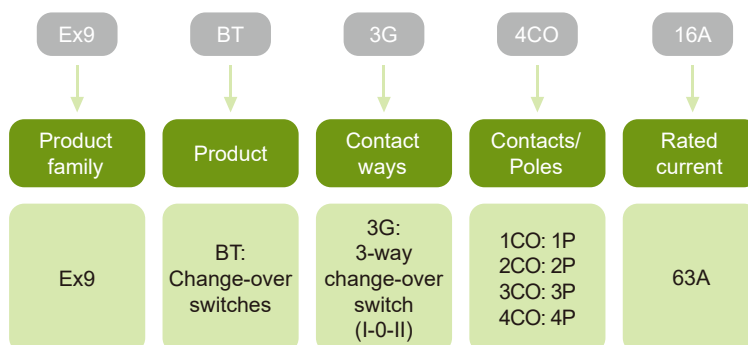
- Group Change-Over Switches
- Meet requirements of IEC EN 60947-3
- Rated current from 63 A
- Rated operating voltage 240/415 V AC
- Utilization category AC-22A
- Contact form ( I-O-II )
- 1 up to 4-pole versions
- Rated frequency 50/60 Hz

Group Change-Over Switches Ex9BT3G are designed and intended for switching of auxiliary, control, measuring and switching networks. Testing according to 60947-3 standard ensures functions and reliability for a wide variety of applications. Utilization category AC-22A allows switching under load.

They are available in variants with change-over contacts (CO) from 1 CO up to 4 CO.

Contact form ( I-O-II ) allows a load to be manually changed from one electrical source to another, without risk of short-circuit.

## Type Key

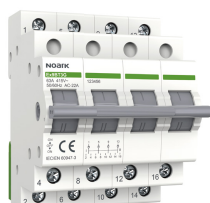


## Certification marks



# Group Change-Over Switches Ex9BT3G

## 1~4 Pole, Change-over contact (I-O-II)



Rated current	Contacts	Contacts way	Article No.	Type	Packing
63 A	1 CO	(I-O-II)	850188	Ex9BT3G 1CO 63A	1/12/240
63 A	2 CO	(I-O-II)	850189	Ex9BT3G 2CO 63A	1/6/120
63 A	3 CO	(I-O-II)	850190	Ex9BT3G 3CO 63A	1/4/80
63 A	4 CO	(I-O-II)	850191	Ex9BT3G 4CO 63A	1/3/60

# Technical Data Ex9BT3G

## Group Change-Over Switches

### General parameters

Modular change-over switches for switching of auxiliary, control, measuring and other circuits

Utilization category AC-22A

Contact form ( I-O-II ) allows a load to be manually changed from one electrical source to another and vice – versa

Suitable for household as well as industrial applications

### Electrical parameters

Tested according to	IEC EN 60947-3
Rated op. voltage	240 / 415 V AC
Rated frequency	50/60 Hz
Rated current I <sub>e</sub>	63 A
Number of contacts	1, 2, 3, 4
Utilization category	AC-22A
Rated insulation voltage U <sub>i</sub>	690 V
Maximum back-up fuse	125 A gG
Mechanical service life	8 500 operation cycles
Electrical service life	1 500 operation cycles

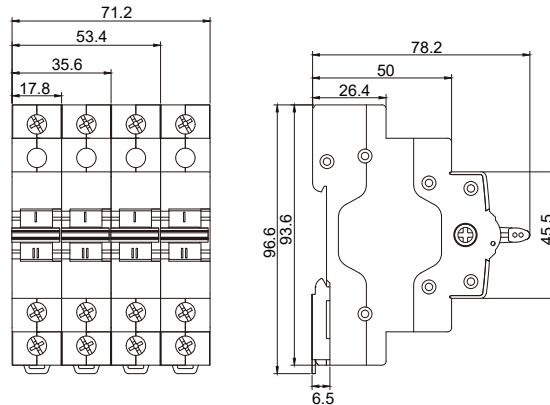
### Mechanical parameters

Device width	17.8 mm per pole
Device height	94 mm (97 mm including rail clip)
Frame size	45 mm
Mounting	easy fastening onto 35 mm device rail (DIN)
Degree of protection	IP20
Contact form	I-O-II
Terminals	lift
Terminal capacity	16 mm <sup>2</sup>
Fastening torque of terminals	2.5 Nm
Ambient temperature	-5 — +40 °C
Altitude	≤ 2000 m
Relative humidity	≤ 95 %
Resistance to humidity and heat	class 2
Pollution degree	2
Installation class	III
Weight	0.073 kg ( 1 pole ), 0.145 kg ( 2 pole ), 0.218 kg ( 3 pole ), 0.289 kg ( 4 pole )

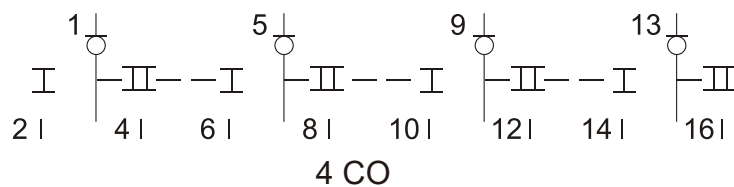
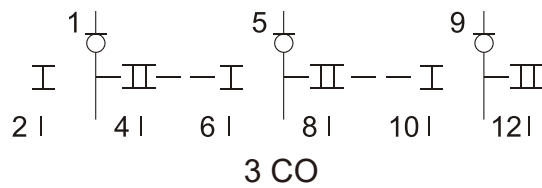
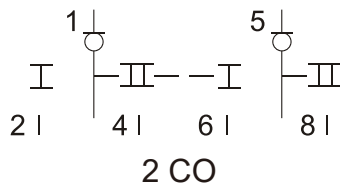
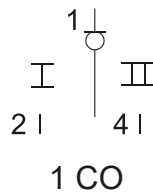
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## Group Change-Over Switches

### Dimensions



### Wiring diagrams



### Power loss per pole

$I_{cn}$ [A]	63 A
L / N [W]	4.6