

ISOLATING SWITCHES SWITCH DISCONNECTORS

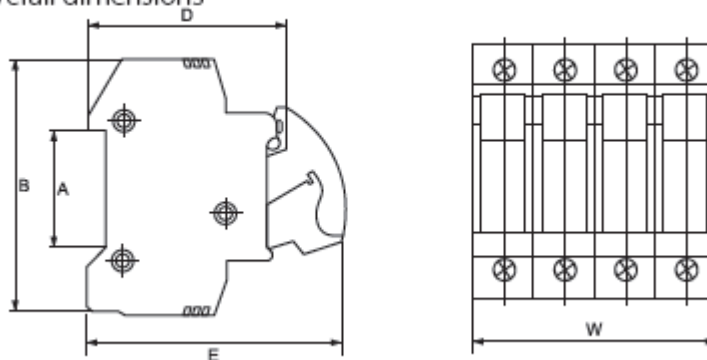


The series of [switch disconnectors](#) are developed for short-circuit protection. They have a high speed of start and high reliability. They have a plastic body of non-flammable plastics adapted for mounting on a DIN rail, where a porcelain round plug, which is filled with fine quartz sand for extinguishing the electric arc. LED indicator is mounted on the front panel to show fuse link condition. In this ceramic body is mounted melting, specifically profiled plate, which connects the input power terminals. These terminals are produced from copper alloy with especially laid nickel layer and contact with the projecting bolts from the plastic body. There are offered two types of insertions according to the degree of quick operation: normally quickly operating ones – class “gG”. Suitable for DC system.

Technical data:	
Rated voltage:	500V
Insulation voltage	>2500V
Rated current on short-circuit:	100 kA
IP code:	IP 44
Cross-section of the supply conductors:	up to 35mm ²
Environmental temperature:	-5° to +65°C
Utilization category:	AC - 20B; DC - 20B
Altitude:	up to 2000m
Direct mounting to the load	
Two insulated points to the load	

Dimensions:

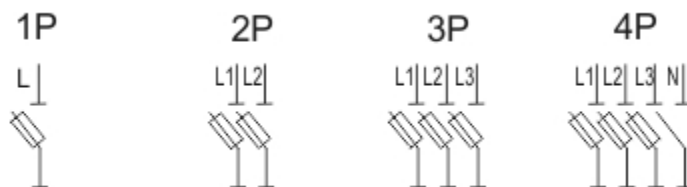
Overall dimensions



Dimensions
(mm)

Type	A	B	W	D	E
1PRT18 - 32x	37	82	18	60	78
1NRT18 - 32x	37	82	36	60	78
2PRT18 - 32x	37	82	36	60	78
3PRT18 - 32x	37	82	54	60	78
3NRT18 - 32x	37	82	72	60	78
1PRT18 - 63x	37	105	27	80	110
1NRT18 - 63x	37	105	54	80	110
2PRT18 - 63x	37	105	54	80	110
3PRT18 - 63x	37	105	81	80	110
3NRT18 - 63x	37	105	180	80	110

Wiring diagram switch RT18 Isolating Switches:



Basic data:

Base type	Number of poles	Rated current (A)	Type of the fuse	Packing/ Box (pcs)	Catalogue number
1PRT18 - 32x	1P	32	xxG1038	12/240	10RT1831
1NRT18 - 32x	1P+N	32	xxG1038	12/240	10RT18311
2PRT18 - 32x	2P	32	xxG1038	12/240	10RT1832
3PRT18 - 32x	3P	32	xxG1038	12/240	10RT1833
3NRT18 - 32x	3P+N	32	xxG1038	12/240	10RT18331
1PRT18 - 63x	1P	63	xxG1451	6/108	10RT1861
1NRT18 - 63x	1P+N	63	xxG1451	6/108	10RT18611
2PRT18 - 63x	2P	63	xxG1451	6/108	10RT1862
3PRT18 - 63x	3P	63	xxG1451	6/108	10RT1863
3NRT18 - 63x	3P+N	63	xxG1451	6/108	10RT18631

Standards:

- EN 60947-3
- EN 60947-1



CYLINDRICAL FUSE LINKS



Technical data:

Rated voltage:	500V
Rated short circuit current:	from 1A to 63A
Ambient temperature:	-5° до +55°C
Dimensions:	10x38 / 14x51
Class:	gG
IP code:	IP44

Basic data:

Type of the fuse class gG	Voltage (V)	Rated current (A)	Size (mm)			Packing/ Box (pcs)	Catalogue number
			A	B	C		
01G1038	500	1	38	10.3	10	10/2000	10G10381
02G1038	500	2	38	10.3	10	10/2000	10G10382
04G1038	500	4	38	10.3	10	10/2000	10G10384
06G1038	500	6	38	10.3	10	10/2000	10G10386
10G1038	500	10	38	10.3	10	10/2000	10G103810
16G1038	500	16	38	10.3	10	10/2000	10G103816
20G1038	500	20	38	10.3	10	10/2000	10G103820
25G1038	500	25	38	10.3	10	10/2000	10G103825
32G1038	500	32	38	10.3	10	10/2000	10G103832
40G1451	500	40	51	14.3	12	10/1000	10G145140
50G1451	500	50	51	14.3	12	10/1000	10G145150
63G1451	500	63	51	14.3	12	10/1000	10G145163

Standards:

- EN 60269-2
- IEC269-2

