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Load switches FSD2

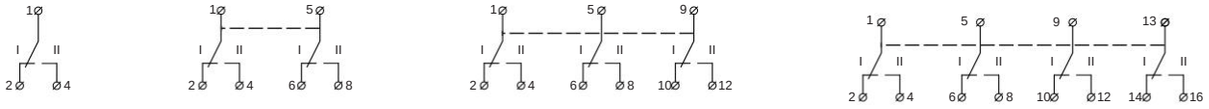
max 63A



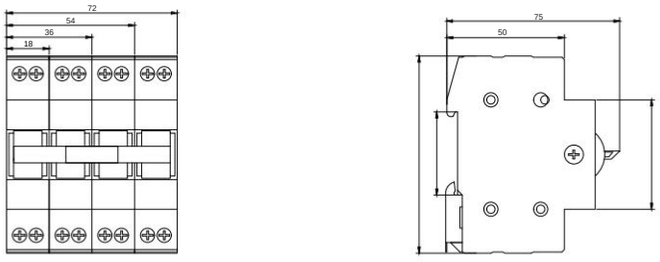
Specifications

Type	FSD2
Compliance with the standard	IEC 60947-3, EN 60947-3
Number of poles	1, 2, 3, 4
Nominal current In, A	10, 16, 20, 25, 32, 40, 50, 63
Nominal voltage Un, V	~230/400
Nominal frequency f, Hz	50/60
Nominal conditional short-circuit current, kA	2.5
Nominal insulation voltage Ui, V	500
Nominal impulse voltage Uimp, V	6000
Cross-section of connecting conductors, mm²	1.5-16 mm2 - single-core 1.5-10mm2 - stranded (PZ1, max. 1.2Nm)
Switching wear resistance (number of on/off cycles)	4,000/20,000 (electrical/mechanical)
Degree of protection	IP20
Application category	AS-22
Mounting on a DIN rail	35x7.5
Connecting additional devices	No
Working position	any
Width of 1 module, mm	18

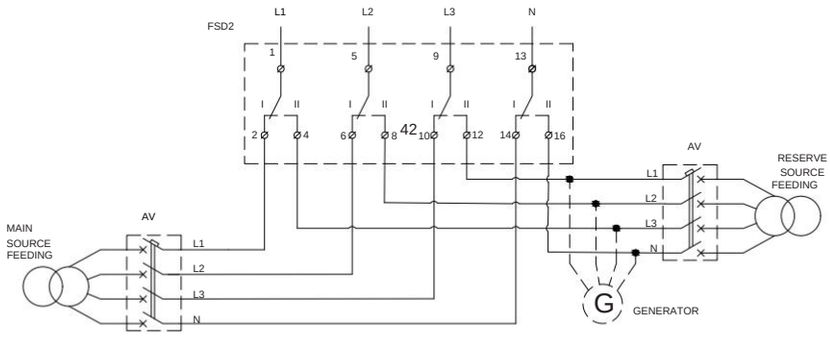
Schematic diagrams



Overall dimensions



Connection diagram



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Load switches FSD2

1R



Code order	Full name	Nominal current In, A	Packaging, pcs: Packaging Box		Gross weight, kg: Unit	Packaging Box	
FSD21010	Load switch FSD2 1P 10A 1-0-2	10	12	240	0.100	1,200	24,000
FSD21016	Load switch FSD2 1P 16A 1-0-2	16	12	240	0.100	1,200	24,000
FSD21020	Load switch FSD2 1P 20A 1-0-2	20	12	240	0.100	1,200	24,000
FSD21025	Load switch FSD2 1P 25A 1-0-2	25	12	240	0.100	1,200	24,000
FSD21032	Load switch FSD2 1P 32A 1-0-2	32	12	240	0.100	1,200	24,000
FSD21040	Load switch FSD2 1P 40A 1-0-2	40	12	240	0.100	1,200	24,000
FSD21050	Load switch FSD2 1P 50A 1-0-2	50	12	240	0.100	1,200	24,000
FSD21063	Load switch FSD2 1P 63A 1-0-2	63	12	240	0.100	1,200	24,000

2P



FSD22010	Load switch FSD2 2P 10A 1-0-2	10	6	120	0.200	1,200	24,000
FSD22016	Load switch FSD2 2P 16A 1-0-2	16	6	120	0.200	1,200	24,000
FSD22020	Load switch FSD2 2P 20A 1-0-2	20	6	120	0.200	1,200	24,000
FSD22025	Load switch FSD2 2P 25A 1-0-2	25	6	120	0.200	1,200	24,000
FSD22032	Load switch FSD2 2P 32A 1-0-2	32	6	120	0.200	1,200	24,000
FSD22040	Load switch FSD2 2P 40A 1-0-2	40	6	120	0.200	1,200	24,000
FSD22050	Load switch FSD2 2P 50A 1-0-2	50	6	120	0.200	1,200	24,000
FSD22063	Load switch FSD2 2P 63A 1-0-2	63	6	120	0.200	1,200	24,000

3R



FSD23010	Load switch FSD2 3P 10A 1-0-2	10	4	80	0.300	1,200	24,000
FSD23016	Load switch FSD2 3P 16A 1-0-2	16	4	80	0.300	1,200	24,000
FSD23020	Load switch FSD2 3P 20A 1-0-2	20	4	80	0.300	1,200	24,000
FSD23025	Load switch FSD2 3P 25A 1-0-2	25	4	80	0.300	1,200	24,000
FSD23032	Load switch FSD2 3P 32A 1-0-2	32	4	80	0.300	1,200	24,000
FSD23040	Load switch FSD2 3P 40A 1-0-2	40	4	80	0.300	1,200	24,000
FSD23050	Load switch FSD2 3P 50A 1-0-2	50	4	80	0.300	1,200	24,000
FSD23063	Load switch FSD2 3P 63A 1-0-2	63	4	80	0.300	1,200	24,000

4R



FSD24010	Load switch FSD2 4P 10A 1-0-2	10	3	60	0.400	1,200	24,000
FSD24016	Load switch FSD2 4P 16A 1-0-2	16	3	60	0.400	1,200	24,000
FSD24020	Load switch FSD2 4P 20A 1-0-2	20	3	60	0.400	1,200	24,000
FSD24025	Load switch FSD2 4P 25A 1-0-2	25	3	60	0.400	1,200	24,000
FSD24032	Load switch FSD2 4P 32A 1-0-2	32	3	60	0.400	1,200	24,000
FSD24040	Load switch FSD2 4P 40A 1-0-2	40	3	60	0.400	1,200	24,000
FSD24050	Load switch FSD2 4P 50A 1-0-2	50	3	60	0.400	1,200	24,000
FSD24063	Load switch FSD2 4P 63A 1-0-2	63	3	60	0.400	1,200	24,000