Datasheet: MAIN LOAD SWITCH - DISCONNECTOR



SCHRACK-INFO

- fullfill the requrements of the isolating function in open position
- Terminal cross-section: 1-50mm²
- snap-on mounting for DIN rail EN 50 022
- VDE-certificate

Technical datas

Standards:	IEC/EN 60947-3
Rated voltage (AC):	230/400-240/415V
Rated frequency (AC):	50/60Hz
Rated voltage (DC):	50V
Rated current I_e:	32 A, 64 A, 100 A, 125 A
Rated short-time withstand current I_{cw}:	12 I_e, 1s
Rated making and breaking capicity:	3 I_e, 1,05U_e, cos ϕ
Rated short circuit making capacity:	20 I_e, t=0,1s
Uilization category	AC-22A
Rated impulse withstand voltage (1,2/50) U_{imp}	4kV
Dieelectric test voltage at ind. Freq. for 5 s.	2kV
Insulation voltage U_i:	500V
Polution degree	2
Electrical endurance:	> 1.500 operating cycles
Mechanical endurance:	> 8.500 operating cycles
Protection degree	IP 20

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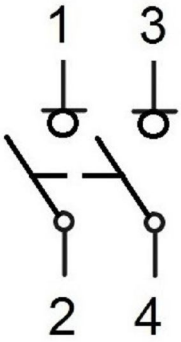
Ambient temperature:	-25 °C to +55 °C AA7 according EN 60364-5-51
Storage temperature:	-25 °C to +70 °C
Terminal connection type	Cable/U-type busbar / Pin-type busbar
Connection	From top and bottom
Terminal cross-section:	2,5 - 50mm²
Terminal tightening torque:	2.5 Nm
Terminal size for busbar	35mm²
Mounting:	on DIN rail EN 60715 (35mm) by means of fast clip device

Wiring diagram:

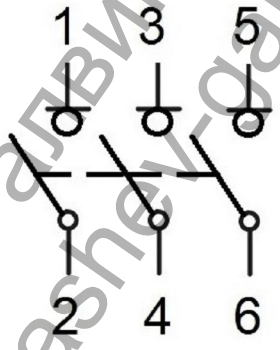
1-pole



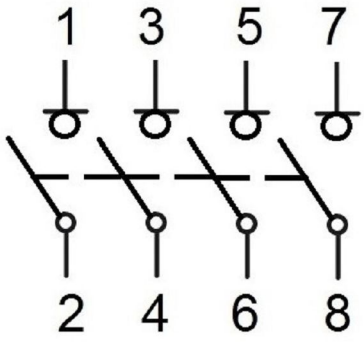
2-pole



3-pole

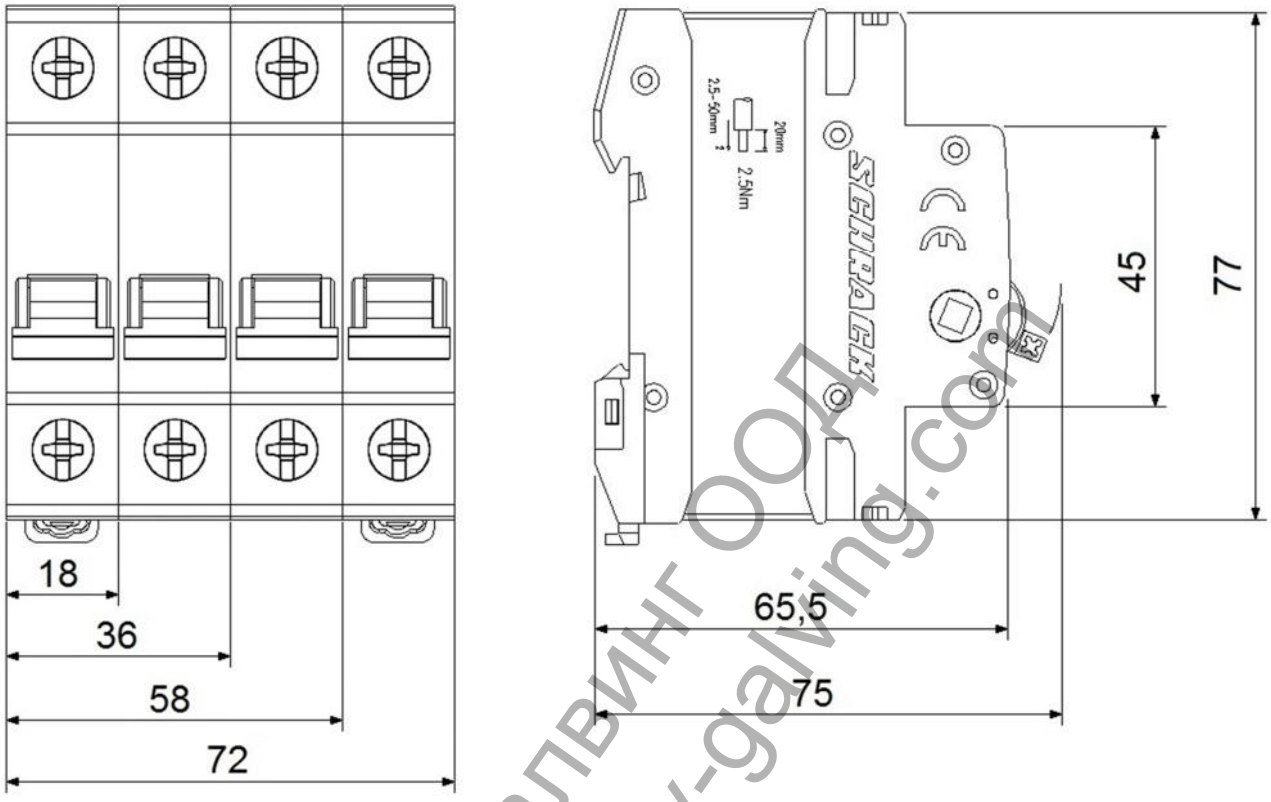


4-pole



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Dimensions



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