



Electrical data - Power contactor		
Rated insulation voltage	$U_i$	690 V AC
Rated operational current	$I_e$	16 A at 400 V at AC-1 9 A at 380 - 400 V at AC-2 and AC-3
Rated operational voltage of coil	$U_e$	220 - 230 V AC at 50 Hz
Rated operational power		AC2, AC3 380 - 415 V: 4 kW
Ambient air temperature		-25 °C ... +40 °C (in operation)
Contact type		3 N.O, 1 N.C
Connection		screw terminals (M3,5)
Conductor cross-sections		Solid: 2 x 0,5-2,5 mm <sup>2</sup> Litz wire with ferrules: 2 x 0,5-1,5mm <sup>2</sup>
Mechanical life at AC-actuation		5 x 10 <sup>6</sup> switching cycles

Mechanical Data	
Enclosure	AL, die-cast
Protective guard (Accident protection cover UN)	AL, die-cast
Actuator	Foot lever (PA)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 N.C. / 1 N.O. (Zb)
Operating force	≈ 10 N (pedal centre)
Mechanical life - Built-in switch	10 x 10 <sup>6</sup> switching cycles
Switching frequency	≤ 50/min
Assembly	2 x M8
Connection	Screw connections (M3,5)
Number of connections	4
Protection ground	2 x M4
Conductor cross-sections	Solid: 0,5 ... 1,5 mm <sup>2</sup> Litz wire with ferrules: 0,5 ... 1,5 mm <sup>2</sup>
Cable entry size	1 x M20 x 1,5
Weight including protective guard	≈ 1,5 kg
Protection type	IP 65 acc. to IEC/EN 60529

ID for safety engineering - Built-in switch	
B10d	20 x 10 <sup>6</sup> cycles

Standards	
	DIN EN 60947-5-1
	DIN EN ISO 13849-1

EU Conformity	
	acc. to directive 2014/35/EU (Low-Voltage-Directive)

Notes	
The degree of protection (IP code) specified applies only to a properly closed protective guard and in connection with the appropriate cable glands or blind plugs.	