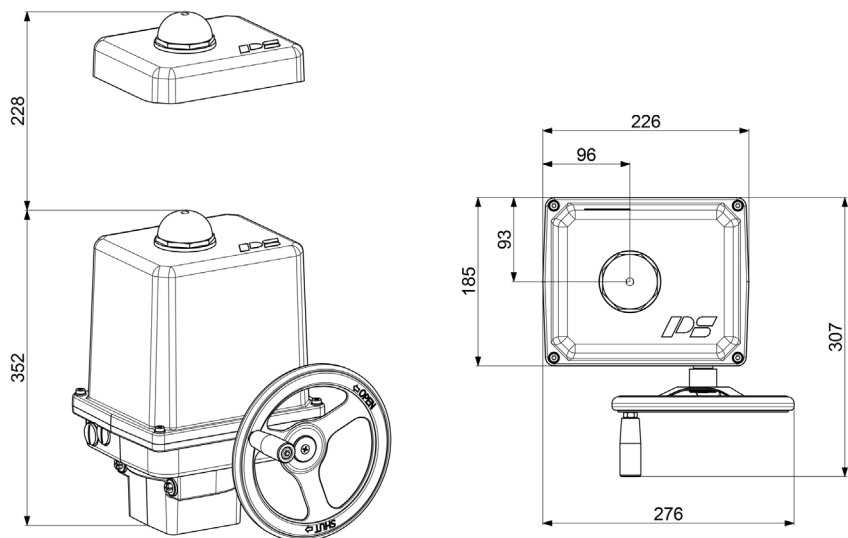


# Electric Quarter Turn Actuator

**PSQ203 -40°C**  
Low Temperature Version



250 Nm  
**Switching torque)<sup>1</sup>**

**69 s**  
Operating Time/90°

**Flange**  
**F07 + F10**  
Modulating Actuator

**Class C**  
acc. DIN EN ISO 22153

**Enclosure IP67**  
acc. EN 60529

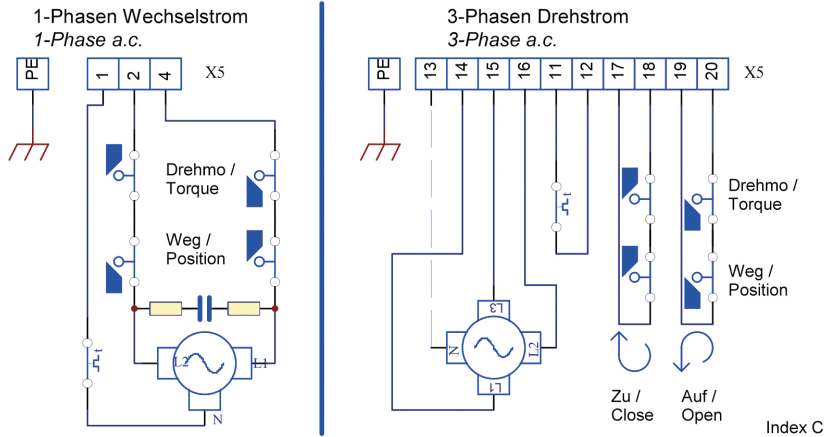
**Approx. weight: 11.1 kg without accessories**

Operating Time/90°		69 s [50 Hz] / 57 s [60 Hz]	<b>PSQ203</b> <b>250 Nm</b>
Power Supply	[V]	<b>230 VAC 1~</b>	
Frequency	[Hz]	50 / 60	
Normal Current	[A]	0.27	
Maximum Current	[A]	0.33	
Power Consumption ) <sup>2</sup>	[W]	62	
Duty Cycle	IEC 60034-1,8	S2 30 min / S4 50% dc @ 25°C - 1200 c/h	
Ambient Temperature	[°C]	<b>-40°C to +60°C (S2) / -40°C to +60°C (S4)</b>	
Overvoltage Category		II	
Motor Protection		Thermo Switch ) <sup>3</sup>	

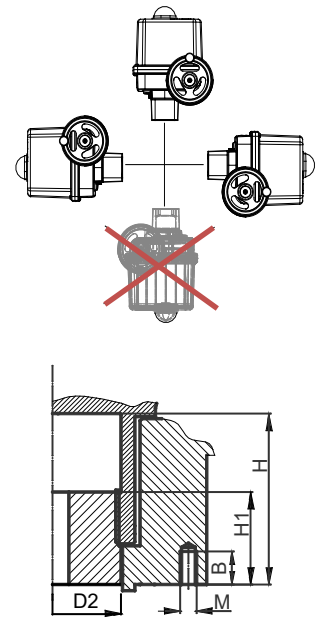
)<sup>1</sup> = Permissible average thrust over the entire travel is 90° is 50% of the max. thrust  
)<sup>3</sup> = Thermo switch must be wired externally at 400 VAC 3~

)<sup>2</sup> = at switching torque and 50 Hz

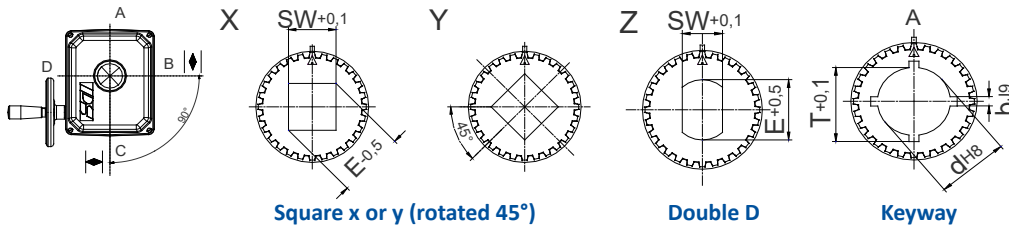
Electrical Connection Plan



Mounting Position



Available Drive Bushes



	F07	F10
D2	47	47
H	60	60
H1	35	35
M	M8	M10
B	16	20

Please check the drive bushes datasheet for the available sizes!  
Other customized drive bushes on request!

Accessories / Options	Power Supply	230 VAC 1~	
	Add'l Position Switches	2WE	•
	Add'l Position Switches Gold	2WE Gold	•
	Additional torque switch	2DE	•
	Add'l Torque Switches Gold	2DE Gold	•
	Positioner	PSAP	•
	Position Transmitter	PSPT	•
	Heating Resistor	HR	•
	Potentiometer	PD	•
	Reversing Starter Contactor	WSM01	
	Corrosion Protection	K2	Corrosion Protection K2 incl. Heating Resistor
	Increased Enclosure	IP	IP68 ) <sup>4</sup> incl. heating and corrosion protection K2

•• available, for further information see respective datasheet  
)<sup>4</sup> = IP68, no ingress of dust and suitable for continuous immersion in water up to 6 m and 96 h

For more information and accessories, please visit our website [www.ps-automation.com](http://www.ps-automation.com)!

Subject to changes!