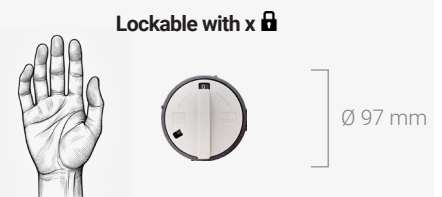


Motor switches

switch positions: 2 | contacts: 3 + NO, NC, PE, D1, D2 | overload trigger: 0,1-25A



Certified motor switch with a large 97 mm diameter knob that allows the motor to be operated even with work gloves


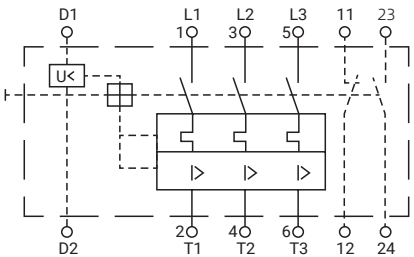


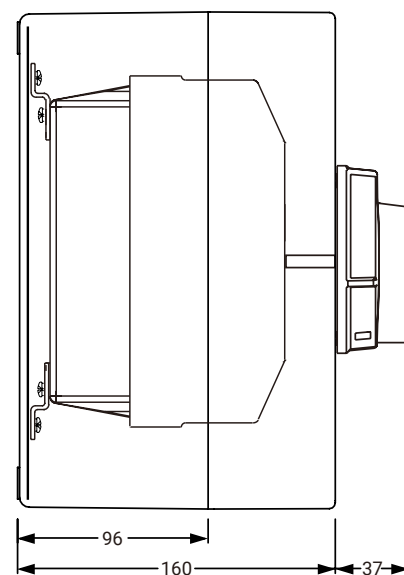
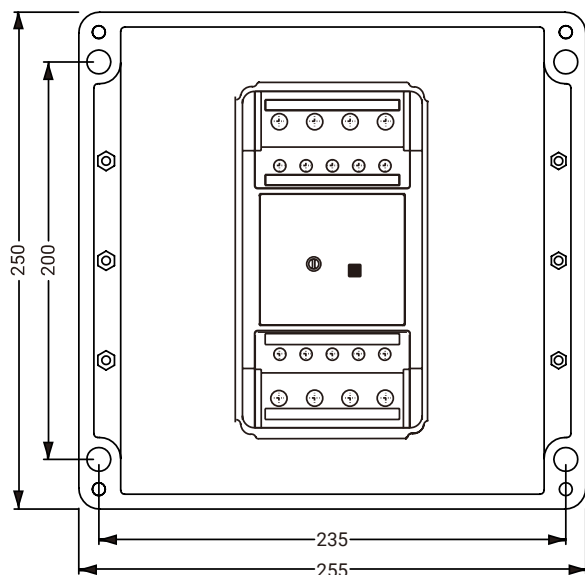
The HARDO motor circuit breaker provides comprehensive protection for electric motors against overload, short circuit, overheating, phase loss and optional voltage drop. Its robust design and wide range of current

settings allow it to be used in a variety of industrial applications. The device effectively protects motors from damage resulting from adverse operating conditions.

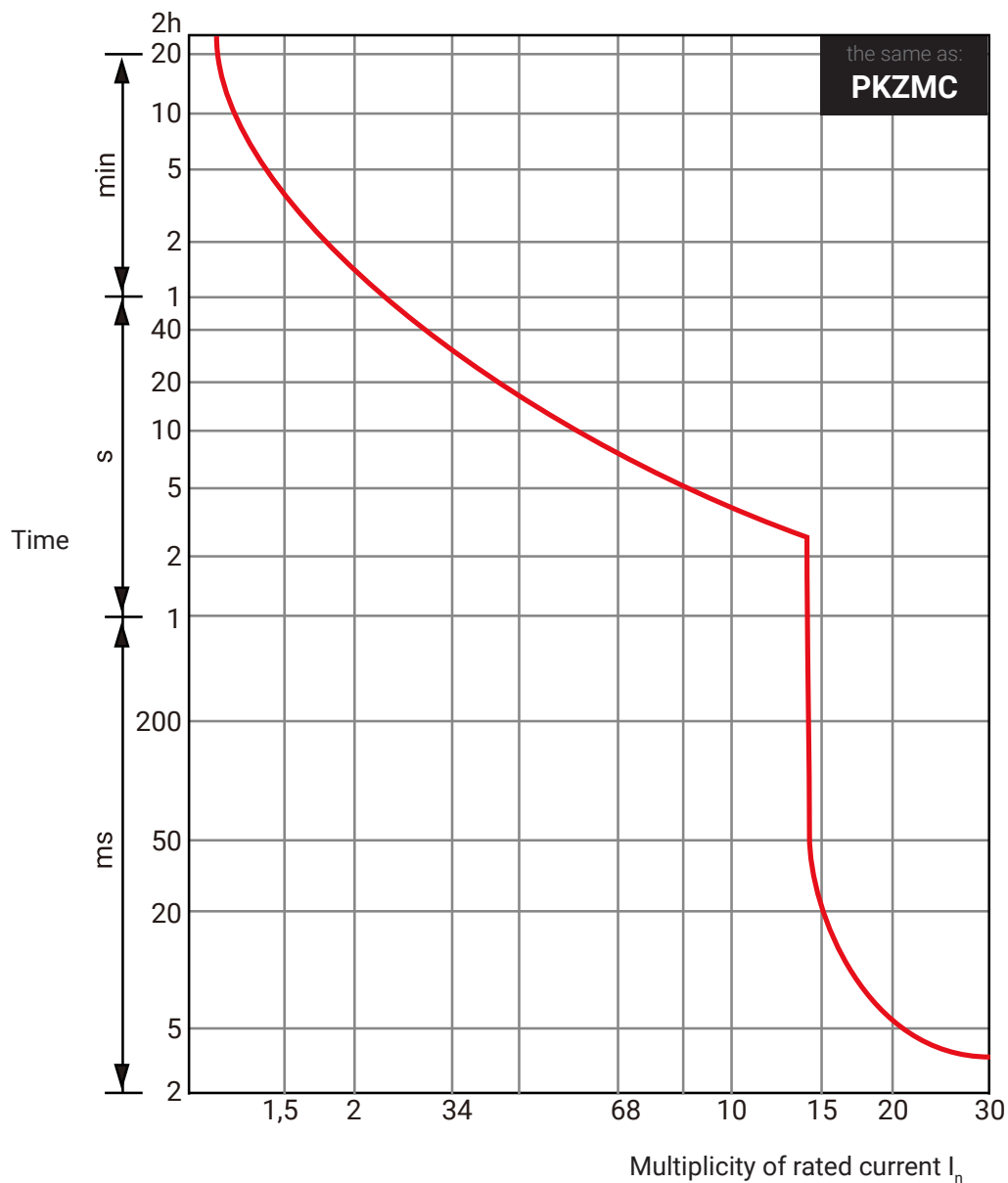
Parameters

Designed for Ex zones	Gases: 1 and 2 Dusts: 21 and 22
Marking according to ATEX	⊕ II 2 G Ex db eb IIB/IIC T5/T6 Gb ⊕ II 2 D Ex tb IIIC T85°C Db
Marking according to IECEx	Ex db eb IIC T5/T6 Gb Ex tb IIIC T85°C Db
Knob size	Ø 97 mm
Permissible ambient temperature	-20°C to +55°C [IIC] -40°C to +55°C [IIB] (optional)
Degree of protection	IP66
Rated voltage	440V
Applied protections:	<ul style="list-style-type: none"> ▶ overload protection ▶ undervoltage protection (optional) ▶ phase failure protection ▶ short-circuit protection ▶ thermal protection
Overload trip range	0.1 to 25A
Motor switching capacity	AC-3: up to 440V / 25A
Main contacts	from 1 to 10 mm ² (from 6 to 10 mm ² using collets)
Auxiliary contacts	1 to 2.5 mm ²
Auxiliary contact capacity	AC-15: 1A / 230V
Rated switching capacity	high - up to 65 kA

Photo	Overload trip range	Rated switching capacity (making and breaking)	Cable glands	Order No
 <p>~6,25 kg 250 x 260 x 160 mm</p>	0.1 - 0.16A	65kA	2 x M25	HCS1P 252616 S01211
	0.16 - 0.25A	65kA	2 x M25	HCS1P 252616 S01221
	0.25 - 0.4A	65kA	2 x M25	HCS1P 252616 S01231
	0.4 - 0.63A	65kA	2 x M25	HCS1P 252616 S01241
	0.63 - 1A	65kA	2 x M25	HCS1P 252616 S01251
	1 - 1.6A	65kA	2 x M25	HCS1P 252616 S01261
	1.6 - 2.5A	65kA	2 x M25	HCS1P 252616 S01271
	2.5 - 4A	16kA	2 x M25	HCS1P 252616 S01281
	4 - 6.3A	16kA	2 x M25	HCS1P 252616 S01291
	6.3 - 10A	16kA	2 x M25	HCS1P 252616 S01301
	10 - 16A	16kA	2 x M25	HCS1P 252616 S01311
	16 - 20A	12kA	2 x M32	HCS1P 252616 S01321
	20 - 25A	12kA	2 x M32	HCS1P 252616 S01331
Electrical diagram			Options	
			<ul style="list-style-type: none"> 1 - basic version without trigger undervoltage and auxiliary contacts 2 - with undervoltage trigger 3 - with auxiliary contacts 1NO + 1NC 4 - with undervoltage trigger and auxiliary contacts 1NO + 1NC 	



Trigger characteristics (ambient temp. 30°C)



Motor switch knob

Lockable with x



8003/2DA

