

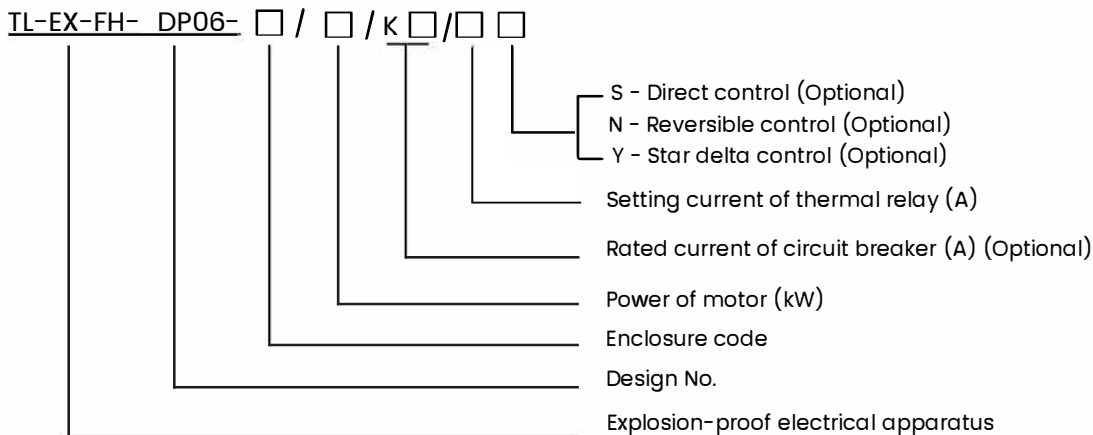
TL-EX-FH-DP06-Series Explosion-proof Electrical Apparatus (Magnetic Starter)

1 Application and Features

- Explosion protection ATEX
- Application in hazardous area Zone 1 & 2, Zone 21 & 22
- Three types of explosion protection: Ex db IIB, Ex db IIB+H2, Ex tb IIIC
- The enclosure can be equipped with miniature circuit breakers (MCB) or molded case circuit breakers (MCCB), leakage circuit breakers, contactors, thermal relays, control buttons, indicator lights, push switches, potentiometers, Voltmeter, ammeter, tachometer, terminal block, etc.
- It's able to control the start, stop, forward and reverse rotation of the motor, and the comprehensive protection of the motor, able to multi-places control.
- The enclosure with hinges and handle, convenient for installation and maintenance. Protect the flame-proof surface when operating.
- The circuit breaker using metal handle with frozen-resistant and can be equipped with a padlock,
- The enclosures can be combined and installed to meet the various requirements of power distribution systems.
- Can be customized according to user requirements, meet the certificate use restrictions.
- The number of elements and the maximum number of holes size needs to meet the requirements of power dissipation and mechanical strength of the housing. Please specify the special requirements when ordering.

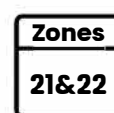
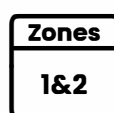
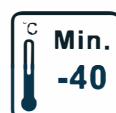


2 Nomenclature



Note:

1. Please select the model according to the "Nomenclature" above, and specify all the technical parameters;
2. Please provide the electrical schematic diagram;
3. Please specify the number, specification and position of the cable entry holes, and ex-proof cable glands provided by user;
4. The rain shade is customizable by requirements.



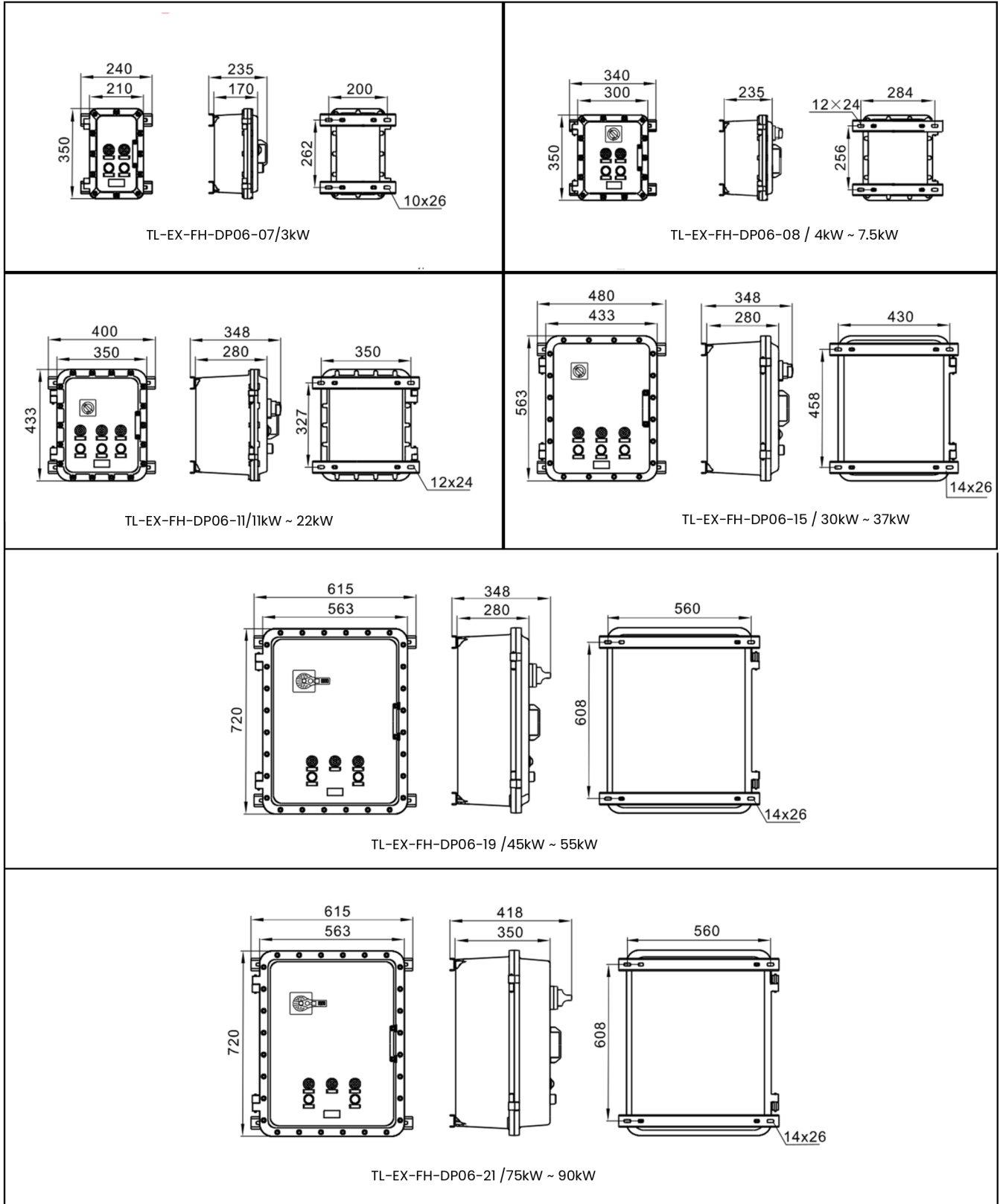
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3 Technical Parameter

Ex marking	Gas	Ex II2 G Ex db IIB T6/T5/T4 Gb	Ex db IIB T6/T5/T4 Gb											
		Ex II2 G Ex db IIB+H2 T6/T5/T4 Gb	Ex db IIB+H2 T6/T5/T4 Gb											
	Dust	Ex II2 D Ex tb IIIC T80/T95/T130°C Db	Ex tb IIIC T80/T95/T130°C Db											
Conformity to standards		IEC 60079-0, IEC 60079-1, IEC 60079-31 EN 60079-0, EN 60079-1, EN 60079-31												
Enclosure material	Enclosure	Aluminum alloy enclosure, powder coated, Industrial grey with dark lines texture (RAL7035)												
	Transparent part	Tempered glass, resistant to 4J impact												
	Rain shade	Bended steel plate surface powder coated, industrial grey with dark lines texture (RAL7035) or stainless steel 304/316, please note when needed												
Exposed fasteners		Stainless steel												
Components	Power circuit breaker	Miniature circuit breaker (MCB) or molded case circuit breaker (MCCB) and leakage circuit breaker												
	Branch switch	Miniature circuit breaker (MCB) or molded case circuit breaker (MCCB) and leakage circuit breaker												
	Terminal block	World famous brand												
	Indicator	Red, green, yellow, blue, white												
	Button	Red, green, yellow, blue, white												
	Control switch													
	AC contactor	World famous brand												
	Thermal relay	World famous brand												
Rated voltage		Maximum 690V AC												
Rated current		Maximum 200A												
Frequency		50Hz/60Hz												
Degree of protection		IP66												
Ambient temperature		-20°C~+40/60°, -40°C~+40/60°C												
Cable entry		M□X1.5(default, exact size according to requirement) , NPT thread (optional)												
Inlet direction		Bottom in and bottom out, upon request												
Installation method		Wall type (default)												
		Stand type (optional)												
Maximum dissipation power	Enclosure Size	Ta:+40°C						Ta:+60°C				The weight of Empty enclosure		
		Type	T6/T80°C		T5/T95°C		T4/T130°C		T6/T80°C		T5/T95°C			
	Power		Current	Power	Current	Power	Current	Power	Current	Power	Current			
	282X210X170	03	45W	--	110W	--	110W	--	45W	--	72 W		--	9.0kg
	350X210X170	07	45W	≤40A	80W	≤50A	139W	--	45W	≤40A	80W		≤50A	11.5kg
	350X300X235	08	45W	≤40A	80W	≤50A	139W	--	45W	≤50A	80W		≤50A	16.6kg
	433X350X280	11	100W	≤95A	288W	≤120A	288W	--	100W	≤95A	162W		≤120A	26kg
	563X433X280	15	130W	≤150A	365W	≤200A	365W	--	130W	≤150A	225W		≤200A	48kg
720X563X280	19	200W	≤200A	448W	≤300A	448W	≤300A	200W	≤200A	380W	≤300A	85kg		
720X563X350	21	210W	≤200A	690W	≤300A	690W	≤300A	210W	≤200A	400W	≤300A	95kg		

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4 Outline and Installation Dimension (Dimensions in mm)



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