Form

Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

Product Service

Applicant / Auftraggeber:	LEO GROUP PUMP (ZHEJIANG) CO., LTD. No.1,3rd Street, East Industry Center 317500 Wenling City, Zhejiang, P.R. CHINA
Manufacturer / Hersteller:	Same as applicant
Authorized person / Bevollmächtigter	Ms. Ye
Factory / Fertigungsstätte:	Same as applicant
Type of equipment / Geräteart:Swimming Pool pump	
Type/model / Typenbezeichnung:	XKP200E, XKP200E-2, XKP200T, XKP200-2T XKP250E, XKP250E-2, XKP250T, XKP250-2T XKP202E, XKP202T XKP201E, XKP201T XKP251E, XKP251T XKP202E-1, XKP202-1T XKP300E, XKP300E-2, XKP300T, XKP300-2T XKP350E, XKP350E-2, XKP350T, XKP350-2T XKP450E, XKP450E-2, XKP450T, XKP450-2T XKP301E, XKP301T, XKP300-E, XKP300-T XKP351E, XKP351T, XKP350-E, XKP350-T XKP451E, XKP451T, XKP450-E, XKP450-T XKP551E, XKP551T XKP554E, XKP554T XKP804E, XKP804T XKP904E, XKP904T XKP1104E, XKP1104T XKP1604E, XKP1604T XKP2204E, XKP2204T
Serial no. / Seriennr.:	n. a
Rated voltage/frequency / Nennspannung/Frequenz:	220-240V AC, 50Hz

Form ID: 37933-Rev 0-Form Effective: 04 Jan 2018

Test Report No. / Prüfbericht Nr.:70.401.10.300.39-04

Name of Project manager /
Name Projektleiter:

Place / Ort: Zhejiang

Date / Datum:2020-04-16

Name, seal and signatureof Certificate Holder/
Name, Stempel und Unterschrift des Zertifikatinhabers:

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Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

Product Service

Rated input power/current /Nennaufnahme/Nennstrom:	200W, 200W, 200W, 200W 250W, 250W, 250W, 250W 200W, 200W 300W, 300W 350W, 350W 200W, 200W 300W, 300W, 300W, 300W 350W, 350W, 350W, 350W 450W, 450W, 450W, 450W 400W, 400W, 400W, 400W 450W, 450W, 450W, 450W 550W, 550W, 550W, 550W 600W, 600W 600W, 600W 800W, 800W 900W, 900W 1100W, 1100W 1600W, 1600W 2200W, 2200W
Connection to waterinstallation / Anschlussdaten-Wasser:	n. a
Dimensions / Abmessungen [HxWxD / HxBxT]:	n.a
Weight / Gewicht:	<18 kg
Noise emission / Lärmemission:	n.a

Operation / Einsatz:		< 2,000 m above sea level/< 2.000 m üNN		☒
		up to m / biszu m		☐
Classification of installation and use /: Installation und Nutzung		Stationary	Ortsfest	☒
		Portable	Ortsveränderlich	☐
		Hand-held	Handgerät	☐
		Open-frame	Einbaugerät	☐
Protection class / Schutzklasse:	I:	PE-connection	Schutzleiteranschluss	☒
	II:	Double insulation	Schutzisoliert	☐
	III:	SELV/internally powered	Schutzkleinspannung / interne Stromversorgung	☐
Degree of protection / Schutzart/:		IP X5		☒
Degree of pollution / Verschmutzungsgrad:		1 ☐	2 ☐	3 ☒ 4 ☐
Overvoltage category / Überspannungskategorie:		I ☐	II ☒	III ☐ IV ☐

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Product Service

Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

Supply connection / Anschlussart:	Nondetachable cord	Feste Anschlussleitung	☒
	Permanent connection	Fester Anschluss	☐
	Appliance inlet	Gerätesteckvorrichtung	☐
Rated operation / Netzbetriebsart:	Continuous operation	Dauerbetrieb	☒
	Intermittent operation	Aussetzbetrieb	☐
	Short time operation	Kurzzeitbetrieb	☐

Additional information for Laser equipment, classification according to IEC/EN 60825

Zusätzliche Angaben für Laser, Klassifizierung nach IEC/EN 60825

Class / Klasse:	n. a
Wavelength / Wellenlänge:	n. a
Pulse duration / Pulsdauer:	n. a

Safety relevant components: (switches, temperature regulators, heating elements, plugs, sockets, wiring, capacitors, motors and other components with windings e.g. transformers, coils, emergency off devices, 2-hand-control-devices, interlock switches, safety light barriers, safety valves, programmable electronic controllers -PLC, hydraulic controllers, pneumatic controllers, Software (Revision), housing parts, materials with contact to food etc.

Components for Functional Safety shall be listed in appropriate table.

The entry of safety relevant components into this table documents and confirms review of suitability and acceptance by the product specialist.

Sicherheitsrelevante Bauteile: (Schalter, Temperaturregler, Heizkörper, Stecker, Fassungen, Leitungen, Kondensatoren, Motoren und sonstige Wicklungen z.B. Transformatoren, Magnetspulen, Not-Aus Geräte, 2-Handsteuerungen, Verriegelungsschalter, Sicherheits-Lichtschranken, Sicherheitsventile, Programmierbare Steuerungen-SPS, hydraulische Steuerungen, pneumatische Steuerungen , Software (Revisionsstand), Gehäuseteile, Materialien mit Kontakt zu Lebensmitteln usw.

Komponenten für Funktionale Sicherheit müssen in die entsprechende Tabelle eingetragen werden.

Der Eintrag sicherheitsrelevanter Komponenten in die Übersicht dokumentiert und bestätigt die Überprüfung der Eignung und Freigabe durch den „Product Specialist".

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Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

Product Service

Kind of component / Bauteil	**Manufacturer** / Hersteller	**Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/** Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			**Test report and/or mark from** / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity
1. Plug	Hangzhou YongQiang Cable Co., Ltd.	YK003-F	AC250V; 16A; IP44	DIN VDE 0620	VDE 40008463
	Wenling Antong Electric Appliance Co., Ltd.	ATS-03-05	AC250V; 16A; IP44	DIN VDE 0620	VDE 40025704
	Wuxi Zhonghui Wire & Cable Co., Ltd.	ZH-3	AC250V; 16A; IP44	DIN VDE 0620	VDE 40021657
	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-105	AC250V; 16A; IP44	DIN VDE 0620	VDE 40020090
	Shanghai Chuangqi Cable Co., Ltd.	CQ-03	AC250V; 16A; IP44	DIN VDE 0620	VDE 40026583
	Guangdong Rifeng Electrical Cable Co., Ltd.	RF-03	AC250V; 16A; IP44	DIN VDE 0620	VDE 40027496
	Shanghai Shujie Cable & Wire Co., Ltd.	SJ-10	AC250V; 16A; IP44	DIN VDE 0620	VDE 40043465
	Chau's Electrical Co.,Ltd.	CE-513G	AC250V; 16A; IP44	DIN VDE 0620	VDE 40032352
	Changzhou Hong Chang Electronics Co., Ltd	FD-01	AC250V; 16A; IP44	DIN VDE 0620	VDE40041284
Only for UK market	Scolmore International Ltd(Hangzhou Hongshi Electrical Ltd.)	SW 368 II SW 368 SW 268	AC 250V; 6A or 10A or 13A	BS 1363-1	BSI KM10807
	Wenling Antong Electric Appliance Co., Ltd.	AT-49	AC250V, 6A or 10A or 13A	BS 1363-1	BSI KM521765
	Wuxi Zhonghui Wire & Cable Co., Ltd.	ZH-61A	AC250V; 6A or 10A or 13A	BS 1363-1	ASTA 17896
	Chau's Electrical Co., Ltd.	BS-01/BS-01B	AC250V; 6A or 10A or 13A	BS 1363-1	BSI KM 41436
	Guangdong Rifeng Electrical Cable Co., Ltd.	RF-81	AC250V; 6A or10A or 13A	BS 1363-1	ASTA 1374
	Guangdong Huasheng Electrical Appliances Co., Ltd.	CT-307	AC250V; 13A	BS 1363-1	ASTA 885
	Changzhou Hongchang Electronics Co.,Limited	DTII-3P-14	AC250V; 10A	BS 1363-1	BSI KM 69647
Only for SWISS market	Wuxi Zhonghui Wire & Cable Co., Ltd.	ZH-32 ZH-33	AC 250V; 10A; AC 250V; 16A	IEC 60884-1 SEV 1011:09	SEV IK-1227
Fuse for BS plug	Dongguan Cooper Electronics Co., Ltd.	TDC 180 (Bussmann)	5A, 7A, 10A	BS 1362	ASTA 658
	Hangzhou Hongshi Electrical Ltd./ Hangzhou Fuxing Electrical Ltd.	Richstar	5A, 13A	BS 1362	BSI KM34254
	Hangzhou Hongshi Electrical	Richstar&SWE	10A.13A	BS 1362	ASTA 1101

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Date / Datum: 2020-04-16

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Kind of component / Bauteil	**Manufacturer** / Hersteller	**Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class**/ Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			**Test report and/or mark from** / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity
	Ltd				
2. Power cord XKP1104E, XKP1104T, XKP1604E, XKP1604T, XKP2204E and XKP2204T can only incorpoated with power cord H07RN-F	Wenling Antong Electric Appliance Co., Ltd.	H05RN-F H07RN-F	3G 0,75mm² or 3G 1,0mm² 3G 1,0mm²	EN 50525-2-21	VDE 40017864
	Hangzhou Yongqiang Cable Co., Ltd.	H05RN-F H07RN-F	3G 0,75mm² or 3G 1,0mm² 3G 1,0mm²	EN 50525-2-21	VDE 40016862
	Wuxi Zhonghui Wire & Cable	H05RN-F H07RN-F	3G 0,75mm² or 3G 1,0mm² 3G 1,0mm²	EN 50525-2-21	VDE 40020334
	Guangdong Huasheng Electrical Industrial Co., Ltd.	H05RN-F H07RN-F	3G 0,75mm² or 3G 1,0mm² 3G 1,0mm²	EN 50525-2-21	VDE 40016788
	Shanghai Chuangqi Cable Co., Ltd.	H05RN-F H07RN-F	3G 0,75mm² or 3G 1,0mm² 3G 1,0mm²	EN 50525-2-21	VDE 40025408
	Shanghai Shujie Cable & Wire Co., Ltd	H05RN-F H07RN-F	3G 0,75mm² or 3G 1,0mm² 3G 1,0mm²	EN 50525-2-21	VDE 40016506
	Chau's Electrical Co.,Ltd.	H05RN-F H07RN-F	3G 0,75mm² or 3G 1,0mm² 3G 1,0mm²	EN 50525-2-21	VDE 40020089
	Guangdong Rifeng Electrical Cable Co.,Ltd.	H05RN-F H07RN-F	3G 0,75mm2 or 3G 1,0mm2 3G 1,0mm2	EN 50525-2-21	VDE 40015999
	Changzhou City Xuexiang Telecomm.Componen Co.,Ltd	H05RN-F H07RN-F	3G 0,75mm2 or 3G 1,0mm2 3G 1,0mm2	EN 50525-2-21	VDE 40039030
3. Motor protector	Jiangsu Fuda Electrical Co., Ltd.	JK6A	AC250V; switching temp.:145°C	EN 60730-1 EN 60730-2-2	VDE 124264
	Jiangsu Changsheng Electric Appliance Co., Ltd.	BR-A2D	AC250V; switching temp.:145°C	EN 60730-1 EN 60730-2-2	VDE 40015893
	Sensata Technologies Holland, B.V.	8CM	AC250V; switching temp.:145°C	EN 60730-1 EN 60730-2-2	KEMA 2014531.02
	Sensata Technologies Holland, B.V.	17AM	AC250V; switching temp.:150°C	EN 60730-1 EN 60730-2-2	KEMA 2014531.05
	Sensata Technologies Holland, B.V.	2AM	AC250V; switching temp.:150°C	EN 60730-1 EN 60730-2-2	KEMA 2014531.19
Remark: Motor protector KSD series, JK6A, BR-A2D can be incorporated with models below: XKP200E, XKP200E-2, XKP250E, XKP250E-2, XKP202E, XKP202E-1, XKP300E, XKP300-E, XKP300E-2, XKP350E, XKP350-E, XKP350E-2, XKP450E, XKP450-E, XKP450E-2, XKP201E, XKP251E, XKP301E, XKP351E, XKP451E, XKP551E, XKP200T, XKP200-2T, XKP250T, XKP250-2T, XKP202T, XKP201T, XKP251T, XKP202-1T, XKP300T, XKP300-T, XKP300-2T, XKP350T, XKP350-T, XKP350-2T, XKP450T, XKP450-T, XKP450-2T, XKP301T, XKP351T, XKP451T, XKP551T, XKP554E,XKP554T,XKP804E,XKP804T Motor protector 8CM can be incorporated with all models except XKP1604E, XKP1604T, XKP2204E and XKP2204T. Motor protector 17AM can be incorporated with all models except XKP2204E and XKP2204T. Motor protector 2AM can be incorporated with XKP2204E and XKP2204T only					
4. Motor capacitor	Taizhou Aojing Electrical Appliance Co., Ltd.	CBB60 Series(KAILU)	AC450V; 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40μF;	EN 60252-1	TÜV Rheinland R 50270753

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Kind of component / Bauteil	Manufacturer / Hersteller	Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/ Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			Test report and/or mark from / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity
			40/85/21; P2 or S3		
	Taizhou Aojing Electrical Appliance Co., Ltd.	CBB65 Series	AC450V; 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40μF; 40/85/21; P2 or S2	EN 60252-1	TÜV Rheinland R 50276756
	Wenling Xunda Electronic Co., Ltd.	CBB60 (Xun Da)	AC450V; 40/70/21 or 40/85/21; P2 or S3; 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40μF	EN 60252-1	TÜV Rheinland R50316724
	Zhejiang Shuangfeng Electric Co., Ltd.	CBB65(Two Peak)	AC450V; 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40μF; 40/85/21 P2 or S3	EN 60252-1	TÜV Rheinland R 50235277
	Zhejiang Shuangfeng Electric Co., Ltd	CBB60A Series	AC450V; 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40μF; 50/60Hz; 40/70/21 or 40/85/21; S3;	EN 60252-1	TÜV R50286307
	Taizhou Sok Capacitor Co., Ltd.	CBB65	AC450V; 4μF; 6μF;10μF; 12μF; 30μF; 40μF; 25/085/21 P2 or S2;	EN 60252-1	TUVPS B 16 08 76269 011
	Cixi Riyi Capacitor Factory	CBB65A-2	AC450V; 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40μF; 40/85/21; P2	EN 60252-1	TÜV R 50180673
	Cixi Riyi Capacitor Factory	CBB65A-1	AC450V; 8μF, 10μF, 40/85/21; P2	EN 60252-1	TÜV R 50279776
	ANHUI SUREPHON CAPACITOR CO., LTD	CBB65 Series	AC450V; 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40μF; 40/85/21; 40/70/21; P2 or S2	EN 60252-1	TÜV R 50268557
	Cixi Riyi Capacitor Factory	CBB65A-4 CBB65A-4A(RIYI).	AC450V; 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40μF50/60Hz; 40/85/21; S3	EN 60252-1	TÜVRh. 50277992
	Wenling Star & Fire Capacitors Factory	CBB60-2 (XINGHUO)(XIANG)	AC450V, 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40μF; 40/70/21 or 40/85/21 or 25/70/21 or 25/85/21, S3	EN 60252-1	TÜVRh. 50285819
	Leo Group Pump (Zhejiang) Co.,Ltd.	CBB65	AC450V, 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40μF;25/70/21 or 25/85/21, S2	EN 60252-1	TÜV SUD B.16.08.57725.738
	Leo Group Pump (Zhejiang) Co.,Ltd.	CBB60 Series or CBB60A Series (LEO)	AC450V 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40μF; 40/70/21 or 40/85/21, S3	EN 60252-1	TÜVRh. 50358188
	Guangdong Fenming Electronic Tech.Co.,Ltd	CBB60	AC450V 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40/70/21 or 40/85/21 or 25/85/21, 25/70/21,	EN 60252-1	TÜVRh. 50313149

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Kind of component / Bauteil	Manufacturer / Hersteller	Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/ Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			Test report and/or mark from / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity
			S3		
	Sheng Ye Electrical Co.,Ltd	CBB60B/ C61-P2-42	AC450V; 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40μF; 40/70/21 or 40/85/21; S3	EN 60252-1	TUV B 073204 0045
	Sheng Ye Electrical Co.,Ltd	CBB60A/ C61-P2-41	AC450V; 4μF; 6μF; 8μF; 10μF; 12μF; 16μF; 30μF; 40μF; 40/70/21 or 40/85/21; S3	EN 60252-1	TUV B 073204 0045
Remark: 4F motor capacitor for models with copper winding: XKP200E,XKP250E, XKP200E-2, XKP250E-2, XKP200T, XKP250T, XKP200-2T and XKP250-2T; 6F motor capacitor for models with copper winding: XKP202E, XKP202E-1, XKP202T and XKP202-1T; 8F motor capacitor for models with aluminum winding: XKP202E,XKP202E-1,XKP202T and XKP202-1T;XKP250E, XKP250E-2, XKP250T, and XKP250-2T; 8F motor capacitor for models with copper winding: XKP201E, XKP251E, XKP301E, XKP351E, XKP451E, XKP201T, XKP251T, XKP301T, XKP351T,XKP451T, 8F motor capacitor for models with copper and aluminum winding: XKP300E, XKP300-E, XKP350E, XKP350-E,XKP450E, XKP450-E,XKP300E-2, XKP350E-2, XKP450E-2, XKP300T, XKP300-T, XKP350T, XKP350-T,XKP450T, XKP450-T, XKP300-2T,XKP350-2T and XKP450-2T. 10F motor capacitor for models with aluminum winding: XKP250E , XKP250E-2, XKP250T, XKP250-2T, XKP300E, XKP300-E, XKP350E, XKP350-E,XKP450E, XKP450-E,XKP300E-2, XKP350E-2, XKP450E-2, XKP300T, XKP300-T, XKP350T, XKP350-T,XKP450T, XKP450-T, XKP300-2T,XKP350-2T and XKP450-2T 10F motor capacitor for models with copper winding:XKP551E and XKP551T; 12F motor capacitor for models with copper and aluminum winding:XKP554E, XKP554T, XKP804E and XKP804T; 16F motor capacitor for models with copper and aluminum winding:XKP904E, XKP904T, XKP1104E and XKP1104T; 30F motor capacitor for model with copper and aluminum winding: XKP1604E and XKP1604T only. 40F motor capacitor for model with copper and aluminum winding: XKP2204E and XKP2204T only.					
5. Internal wire	Wenling An Tong Electric Co., Ltd.	JBF500	0, 5 or 0,75mm² or 1.0mm²; T105	EN 60335-1 EN 60335-2-41	Test with appliance
	Shanghai Runbang Cable Co., Ltd.	JYJ150	500V, 0, 5 or 0,75mm² or 1.0mm²	EN 60335-1 EN 60335-2-41	Test with appliance
	Shanghai Die Ye Electrical Wire & Cable Co., Ltd.	JYJ150	500V, 0, 5 or 0,75mm² or 1.0mm²	EN 60335-1 EN 60335-2-41	Test with appliance
	Jiangyin Weicheng Special Cable Co., Ltd.	JYJ150	500V, 0, 5 or 0,75mm² or 1.0mm²	EN 60335-1 EN 60335-2-41	Test with appliance
	Jiangyin Jiangzhou Copper Co., Ltd.	JYJ150	500V , ,0,5 or 0,75mm² or 1.0mm²	EN 60335-1 EN 60335-2-41	Test with appliance
	Wuxi Huahao Electric appliance Co., Ltd.	JYJ150	500V, 0, 5 or 0,75mm² or 1.0mm²	EN 60335-1 EN 60335-2-41	Test with appliance
	Wuxi Vigorous Electric Co., Ltd.	JYJ150	500V, 0, 5 or 0,75mm² or 1.0mm²	EN 60335-1 EN 60335-2-41	Test with appliance

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Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity
	Wuxi Swell Electric Co.,LTD	JYJ150	0, 5 or 0,75mm² or 1.0mm²	EN 60335-2-41	Test with appliance
	Wuxi Swell Electric Co.,LTD	UL3321	18AWG or 16AWG,150°C	UL758 EN 60335-2-41	Test with appliance + UL E484530
	Shenzhen WOER HEAT-SHRINKABLE MATERIAL Co.,Ltd	3321	18AWG or 16AWG,150°C	EN 60335-1 EN 60335-2-41	Test with appliance+ UL E227566
	CHANGZHOU CHANGSHENG CABLE CO LTD	3321	18AWG or 16AWG,150°C	EN 60335-1 EN 60335-2-41	Test with appliance+UL E497701
	CHANGZHOU CHANGSHENG CABLE CO LTD	1330	18AWG or 16AWG,200°C	EN 60335-1 EN 60335-2-41	Test with appliance+UL E497701
	SHEYANG GUANGMING PLASTIC WIRE FACTORY	3135	18AWG or 20AWG,200°C	EN 60335-1 EN 60335-2-41	Test with appliance+UL E190412
	CHANGZHOU CHANGSHENG CABLE CO LTD	3135	18AWG or 20AWG,200°C	EN 60335-1 EN 60335-2-41	Test with appliance+UL E497701
	DANYANG WINPOWER WIRE & CABLE MFG CO LTD	3321	18AWG or 16AWG,150°C	EN 60335-1 EN 60335-2-41	Test with appliance+UL E330446
	WUXI ELPONT RADIATION TECHNOLOGY CO LTD	3321	18AWG or 16AWG,150°C	EN 60335-1 EN 60335-2-41	Test with appliance+UL E186848
	QIFURUI ELECTRONICS CO	1330	18AWG or 16AWG,200°C	EN 60335-1 EN 60335-2-41	Test with appliance+UL E211048
	JIANGSU HAOSI ELECTRICAL TECHNOLOGY CO LTD	1330	18AWG or 16AWG,200°C	EN 60335-1 EN 60335-2-41	Test with appliance+UL E357991
6. Terminal block	LEO GROUP PUMP (ZHEJIANG) CO., LTD	PA6+GF30	--	EN 60335-1 EN 60335-2-41	Test with appliance
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	PBT+GF30	--	EN 60335-1 EN 60335-2-41	Test with appliance
Remark: Terminal block incorporated in all models except XKP202E and XKP202T					
Wire connector (Optional)	Heavy Power Co., Ltd.	CE2	---	EN 60335-1 EN 60335-2-41	Test with appliance + UL E113650
	JIANGXI GAOCHAO INDUSTRIAL CO LTD	CE2	---	EN 60335-1 EN 60335-2-41	Test with appliance + UL E494015
Flame-proof block	LEO GROUP PUMP(ZHEJIANG) CO.,	PP-GF30	---	EN 60335-1 EN60335-2-41	Tested with appliance

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Kind of component / Bauteil	Manufacturer / Hersteller	Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/ Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			Test report and/or mark from / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity
(optional)	LTD.				
	LEO GROUP PUMP(ZHEJIANG) CO., LTD.	PC+ABS	---	EN 60335-1 EN60335-2-41	Tested with appliance
7. PCB 1	Taizhou Yaoda Industry & Trade Co., Ltd.	TC-1	94V-0; 1.6mm	EN 60335-1 EN 60335-2-41	Test with appliance
8. X2 capacitor 1 (C1)	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	AC280V; 1,0uF; 40/100/21	EN 60384-14	VDE 40008924
9. Relay 1(T1)	Ningbo Songle Relay Co., Ltd.	SMIH-24VDC-SL-A	250VAC; 16(3)A; 10E4; T105	EN 61810-1	TÜV Rheinland R 50056114
10. Varistor 1 (VR2)	Nanjing Jocol Electronics Technology Co., Ltd.	07D471K	AC 50-420V; 10A; DC 65-560V	CECC 42000/01 CECC 42200/01 CECC 42201/01	TÜV Rheinland R 50056768
Remark : PCB 1, X2 capacitor 1, Relay 1 and Varistor 1 or PCB 2 only incorporated in models below: XKP200T, XKP200-2T, XKP250T, XKP250-2T, XKP202T, XKP201T, XKP251T, XKP202-1T, XKP300T, XKP300-T,XKP300-2T, XKP350T, XKP350-T, XKP350-2T, XKP450T, XKP450-T, XKP450-2T, XKP301T, XKP351T, XKP451T, XKP551T					
11. PCB 2	Taizhou Leli Electronic Technology Co., Ltd.	TC-1	94V-0; 1.6mm	EN 60335-1 EN 60335-2-41	Test with appliance
12. X2 capacitor 2(C1)	Shanghai Xiangriya Electronic Co., Ltd.	MPX/MKP	AC275V; 1μF 40/100/56	EN 60384-14	VDE 40001876
	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	AC280V; 1μF; 40/100/21	EN 60384-14	VDE 40008924
	Foshan Shunde Chuang Ge Electronic Industrial Co., Ltd.	MKP	AC275V; 1μF; 40/105/21	EN 60384-14	VDE 40008922
13. Relay 2 (K1)	Ningbo Forward Relay Corporation Ltd.	NT90NAE24CB	40A/240VAC	EN 61810-1	TÜV Rheinland R 50126373
	Xiamen Hongfa Electroacoustic Co., Ltd.	HF105F-1	30A/250V	EN 61810-1	VDE 40025518
Relay 3 (K1)	Xiamen Hongfa Electroacoustic Co., Ltd.	JQX-115F-I 012-1HS3; HF115F-I-012-1HS3	AC250V; 16A	EN 61810-1	VDE 116934
	Xiamen Hongfa Electroacoustic Co., Ltd.	JQX-115F 012-1HS3A; HF115F-012-	AC250V; 16A	EN 61810-1	VDE 116934

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Kind of component / Bauteil	Manufacturer / Hersteller	Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/ Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			Test report and/or mark from / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity
		1HS3A			
	Zhejiang HKE Relay Co., Ltd.	HCP3-S-DC12V-A	AC250V; 16A	EN 61810-1	TÜV Rheinland R 50097843
14. Varistor 2 (VR2)	Centra Science Corp.	CNR-07D471K; CNR-14D471K	AC 50-510V; 10A; DC 65-670V AC 50-680V; 50A; DC 65-895V	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 40008220
	Thinking Electronic Industrial Co., Ltd.	TVR07561K TVR07471K	AC 50-510V; 10A; DC 65-670V AC 50-510V; 10A; DC 65-670V	EN 61051-1 EN 61051-2 EN 61051-2-2	VDE 005944
	Nanjing Jocol Electronics Technology Co., Ltd.	07D471K	AC 50-420V; 10A; DC 65-560V	CECC 42000/01 CECC 42200/01 CECC 42201/01	TÜV Rheinland R 50056768
Remark : PCB 2, X2 capacitor 2, Relay 2 and Varistor 2 only incorporated in models below: XKP554T, XKP804T, XKP904T, XKP1104T,XKP1604T,XKP2204T PCB 2, X2 capacitor 2, Relay 3 and Varistor 2 only incorporated in models below: XKP200T, XKP200-2T, XKP250T, XKP250-2T, XKP202T, XKP201T, XKP251T, XKP202-1T, XKP300T, XKP300-T,XKP300-2T, XKP350T, XKP350-T, XKP350-2T, XKP450T, XKP450-T, XKP450-2T, XKP301T, XKP351T, XKP451T, XKP551T					
15. Motor	For XKP200E, XKP200E-2, XKP200T and XKP200-2T				
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	56# B30	Main:43.066Ω±10% (16.5°C) Sub.:73.366Ω±10% (16.5°C); Class 155, copper winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP250E, XKP250E-2, XKP250T and XKP250-2T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	56# B36	Main:33.060Ω±10% (18.9°C) Sub.:71.280Ω±10% (18.9°C) ; Class 155, copper winding	EN 60335-1 EN 60335-2-41	Test with appliance
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	56#L 44	Main: 36.84Ω±10% (17.5°C) Sub.: 47.21Ω±10% (17.5°C); Class155, Aluminium winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP202E, XKP202E-1, XKP202T and XKP202-1T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	56# B25	Main:48.545Ω±10% (20.9°C) Sub.:56.480Ω±10% (20.9°C); Class 155, copper winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP202E, XKP202E-1, XKP202T and XKP202-1T; XKP250E, XKP250E-2, XKP250T and XKP250-2T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	56#L 36	Main:43.25Ω±10% (19.5°C) Sub.:52.97Ω±10% (19.5°C); Class 155, Aluminium winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP201E, XKP251E, XKP301E, XKP300E, XKP300-E, XKP300E-2, XKP201T, XKP251T, XKP301T, XKP300T, XKP300-T and XKP300-2T					

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Kind of component / Bauteil	Manufacturer / Hersteller	Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/ Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			Test report and/or mark from / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	YY300(56#44)	Main:20.70Ω±10% (22°C) Sub.:32.76Ω±10% (22°C); Class 155, copper winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP300E, XKP300-E, XKP300E-2, XKP300T, XKP300-T and XKP300-2T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	56#L 44	Main: 36.84Ω±10% (17.5°C) Sub.: 47.21Ω±10% (17.5°C); Class 155, Aluminium winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP351E, XKP350E, XKP350-E, XKP350E-2, XKP351T, XKP350T, XKP350-T and XKP350-2T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	YY350(56#50),	Main:16.55Ω±10% (22°C) Sub.:27.20Ω±10% (22°C); Class 155, copper winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP350E, XKP350-E, XKP350E-2, XKP350T, XKP350-T and XKP350-2T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	56#L 50	Main:28.36Ω±10% (16.7°C) Sub.:45.62Ω±10% (16.7°C); Class 155, Aluminium winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP451E, XKP450E, XKP450-E, XKP450E-2, XKP451T, XKP450T, XKP450-T and XKP450-2T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	YY450(56#54)	Main:16.30Ω±10% (22°C) Sub.: 31.54Ω±10% (22°C); Class 155, copper winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP450E, XKP450-E, XKP450E-2, XKP450T, XKP450-T and XKP450-2T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	56#L 54	Main:21.72Ω±10% (20.5°C) Sub.:39.13Ω±10% (20.5°C); Class 155, Aluminium winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP551E, and XKP551T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	YY550(56#75)	Main:9.21Ω±10% (22°C) Sub.: 23.30Ω±10% (22°C); Class 155, copper winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP554E, and XKP554T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	71#B44	Main: 9.194Ω±10% (18°C) Sub.: 14.161 Ω±10% (18°C); Class 155, copper winding	EN 60335-1 EN 60335-2-41	Test with appliance
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	71#L50	Main: 10.881Ω±10% (23°C) Sub.: 14.49 Ω±10% (23°C);Class 155, Aluminium winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP804E, and XKP804T					

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Test Report No. / Prüfbericht Nr.:70.401.10.300.39-04

Name of Project manager / Name Projektleiter:

Place / Ort: Zhejiang

Date / Datum:2020-04-16

Name, seal and signatureof Certificate Holder/ Name, Stempel und Unterschrift des Zertifikatinhabers:

Kind of component / Bauteil	Manufacturer / Hersteller	Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/ Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			Test report and/or mark from / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	71#B58	Main: 5.852Ω±10% (19.4°C) Sub.: 14.556 Ω±10% (19.4°C); Class 155, copper winding	EN 60335-1 EN 60335-2-41	Test with appliance
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	71#L62	Main: 8.342Ω±10% (20.2°C) Sub.: 14.175 Ω±10% (20.2°C);Class 155, Aluminium winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP904E and XKP904T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	71# B68	Main:5.038Ω±10% (16.5°C) Sub.: 11.24Ω±10% (16.5°C); Class 155, copper winding	EN 60335-1 EN 60335-2-41	Test with appliance
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	71#L72	Main: 7.542Ω±10% (23.6°C) Sub.: 12.649 Ω±10% (23.6°C);Class 155, Aluminium winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP1104E and XKP1104T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	71# B80	Main:4.368Ω±10% (18.8°C) Sub.: 9.796Ω±10% (18.8°C); Class 155, copper winding	EN 60335-1 EN 60335-2-41	Test with appliance
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	71# L85	Main:4.983Ω±10% (24.4°C) Sub.: 12.225Ω±10% (24.4°C);Class 155, Aluminium winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP1604E and XKP1604T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	80# B85	Main:2.056Ω±10% (21.0°C) Sub.: 3.842Ω±10% (21.0°C); Class 155, copper winding	EN 60335-1 EN 60335-2-41	Test with appliance
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	80#L95,	Main:2.725Ω±10% (24.9°C) Sub.: 5.378Ω±10% (24.9°C);Class 155, Aluminium winding	EN 60335-1 EN 60335-2-41	Test with appliance
For XKP2204E and XKP2204T					
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	80#B105	Main: 1.3335 Ω±10% (20.7°C) Sub.: 2.444Ω±10% (20.7°C); Class 155, copper winding	EN 60335-1 EN 60335-2-41	Test with appliance

Test Report No. / Prüfbericht Nr.: 70.401.10.300.39-04

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Kind of component / Bauteil	**Manufacturer** / Hersteller	**Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/** Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			**Test report and/or mark from** / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity
	LEO GROUP PUMP (ZHEJIANG) CO., LTD	80#L110	Main: 2.051Ω±10% (24.4°C) Sub.: 3.807Ω±10% (24.4°C); Class 155, Aluminium winding	EN 60335-1 EN 60335-2-41	Test with appliance
*PAHs requirements of AfPS GS 2014:01 PAK have been evaluated and found to be met.					

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Form

Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

Product Service

Kind of component / Bauteil	**Manufacturer** / Hersteller	**Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/** Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			**Test report and/or mark from** / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity

Label / Typenschild

Remark:

1. The height of "**CE**" shall be at least 5mm. The height of "**WEEE**" mark shall be at least 7mm.
2. Name and address of EU-based manufacturer, or authorized representative or importer must be affixed to the product when the product place on the EU market.

XKP200E		n.	
Qmax 110 l/min		Hmax 6 m	
1~Mot	220-240 V~	50 Hz	S1
0.2 kW	HP 0.27	In 1A	IP X5
I CL F	Max.35℃	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED

XKP200E-2		n.	
Qmax 110 l/min		Hmax 6 m	
1~Mot	220-240 V~	50 Hz	S1
0.2 kW	HP 0.27	In 1A	IP X5
I CL F	Max.35℃	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY
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XKP250E		n.	
Qmax 115 l/min		Hmax 7.5 m	
1~Mot	220-240 V~	50 Hz	S1
0.25 kW	HP 0.33	In 1.3A	IP X5
I CL F	Max.35℃	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED

XKP250E-2		n.	
Qmax 115 l/min		Hmax 7.5 m	
1~Mot	220-240 V~	50 Hz	S1
0.25 kW	HP 0.33	In 1.3A	IP X5
I CL F	Max.35℃	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY
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XKP202E		n.	
Qmax 75 l/min		Hmax 6.5m	
1~Mot	220-240 V~	50 Hz	S1
0.2 kW	HP 0.27	In 1A	IP X5
I CL F	Max.35℃	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED

XKP201E		n.	
Qmax 110 l/min		Hmax 7.5 m	
1~Mot	220-240 V~	50 Hz	S1
0.3 kW	HP 0.4	In 1.3A	IP X5
I CL F	Max.35℃	Schutzklsse:I	

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Form ID: 37593-Rev 0- Form Effective: 04 Jan 2013

Test Report No. / Prüfbericht Nr.:70.401.10.300.39-04

Name of Project manager / Name Projektleiter:

Place / Ort: Zhejiang

Date / Datum:2020-04-16

Name, seal and signatureof Certificate Holder/ Name, Stempel und Unterschrift des Zertifikatinhabers:

Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

Kind of component / Bauteil	**Manufacturer** / Hersteller	**Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/** Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			**Test report and/or mark from** / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity

XKP202E-1		n.	
Qmax 75 l/min		Hmax 6.5m	
1~Mot	220-240 V~	50 Hz	S1
0.2 kW	HP 0.27	In 1A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
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XKP300E		n.	
Qmax 115 l/min		Hmax 8.5 m	
1~Mot	220-240 V~	50 Hz	S1
0.30 kW	HP 0.4	In 1.4A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED.

XKP300-E		n.	
Qmax 115 l/min		Hmax 8.5 m	
1~Mot	220-240 V~	50 Hz	S1
0.4 kW	HP 0.53	In 1.4A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED.

XKP300E-2		n.	
Qmax 115 l/min		Hmax 8.5 m	
1~Mot	220-240 V~	50 Hz	S1
0.3 kW	HP 0.4	In 1.4A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED.

XKP350-E		n.	
Qmax 140 l/min		Hmax 9 m	
1~Mot	220-240 V~	50 Hz	S1
0.45 kW	HP 0.6	In 1.6A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED.

XKP450-E		n.	
Qmax 160 l/min		Hmax 10 m	
1~Mot	220-240 V~	50 Hz	S1
0.55 kW	HP 0.73	In 1.9A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
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Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

Kind of component / Bauteil	Manufacturer / Hersteller	Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/ Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			Test report and/or mark from / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity

XKP350E		n.	
Qmax 140 l/min		Hmax 9 m	
1~Mot	220-240 V~	50 Hz	S1
0.35 kW	HP 0.47	In 1.6A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED.

XKP350E-2		n.	
Qmax 140 l/min		Hmax 9 m	
1~Mot	220-240 V~	50 Hz	S1
0.35 kW	HP 0.47	In 1.6A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED.

XKP450E		n.	
Qmax 160 l/min		Hmax 10 m	
1~Mot	220-240 V~	50 Hz	S1
0.45 kW	HP 0.6	In 1.9A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED.

XKP450E-2		n.	
Qmax 160 l/min		Hmax 10 m	
1~Mot	220-240 V~	50 Hz	S1
0.45 kW	HP 0.6	In 1.9A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED.

XKP301E		n.	
Qmax 130 l/min		Hmax 9 m	
1~Mot	220-240 V~	50 Hz	S1
0.4 kW	HP 0.53	In 1.5A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED.

XKP251E		n.	
Qmax 125 l/min		Hmax 8 m	
1~Mot	220-240 V~	50 Hz	S1
0.35 kW	HP 0.47	In 1.4A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED.

Form ID: 37983-Rev. 0- Form Effective: 04. Jan 2018

Kind of component / Bauteil	**Manufacturer** / Hersteller	**Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/** Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			**Test report and/or mark from** / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity

XKP351E		n.	
Qmax 165 l/min		Hmax 9 m	
1~Mot	220-240 V~	50 Hz	S1
0.45 kW	HP 0.6	In 1.8A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED.

XKP451E		n.	
Qmax 175 l/min		Hmax 10 m	
1~Mot	220-240 V~	50 Hz	S1
0.55 kW	HP 0.73	In 2.3A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

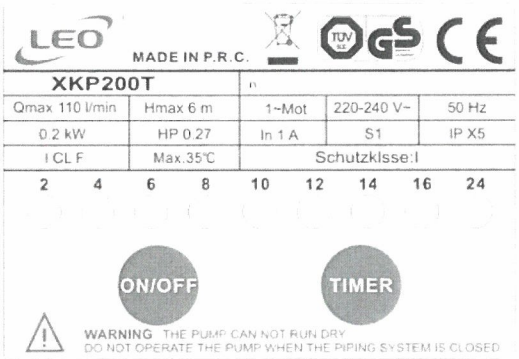
WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED.

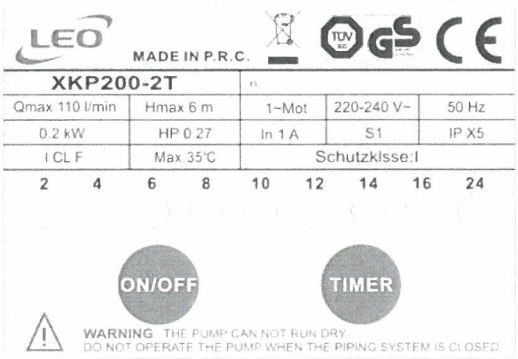
XKP551E		n.	
Qmax 200 l/min		Hmax 12 m	
1~Mot	220-240 V~	50 Hz	S1
0.6 kW	HP 0.8	In 3A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

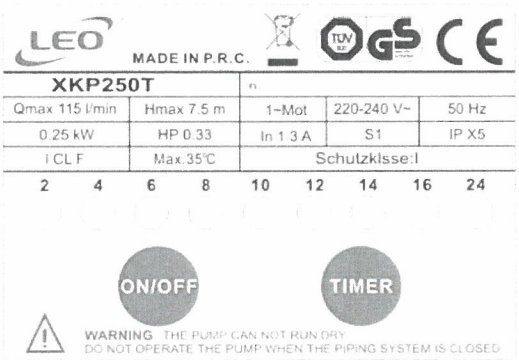
WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED.

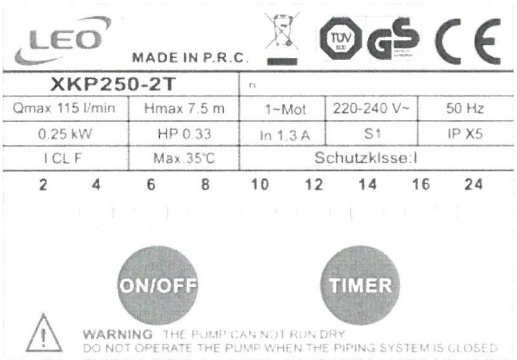
Form ID: 37593+Rev 0+Form Effective: 04 Jan 2018

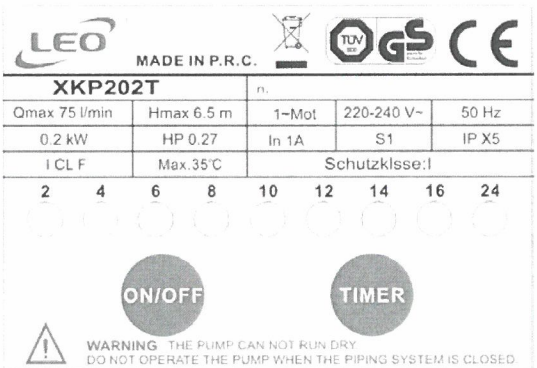
Kind of component / Bauteil	**Manufacturer** / Hersteller	**Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/** Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			**Test report and/or mark from** / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity







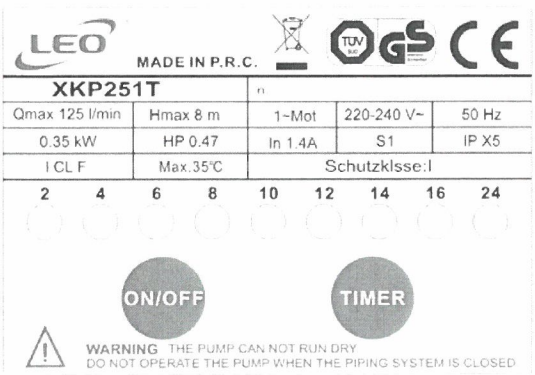


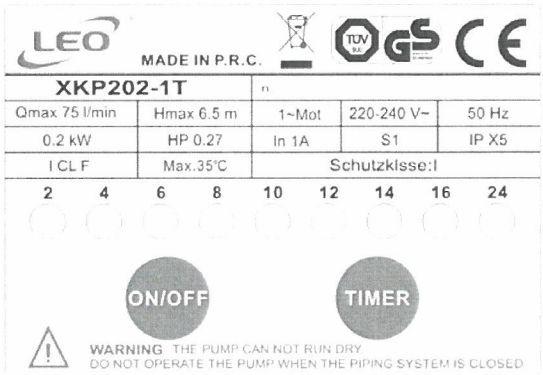


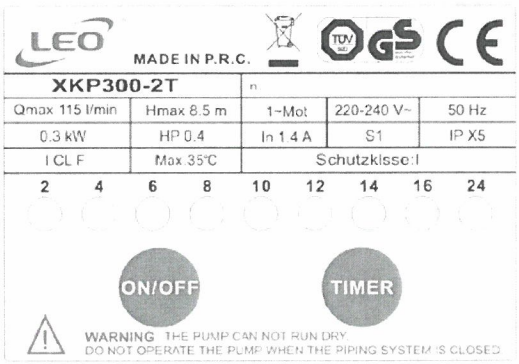


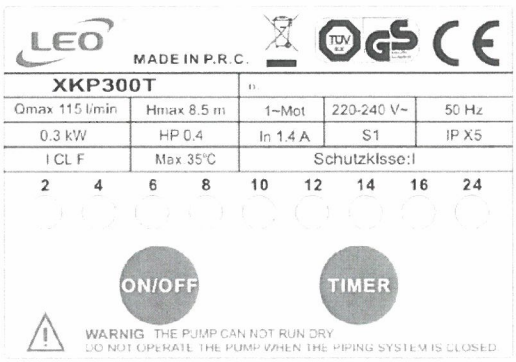
Form ID: 37583 Rev 0 - Form Effective: 04 Jan 2018

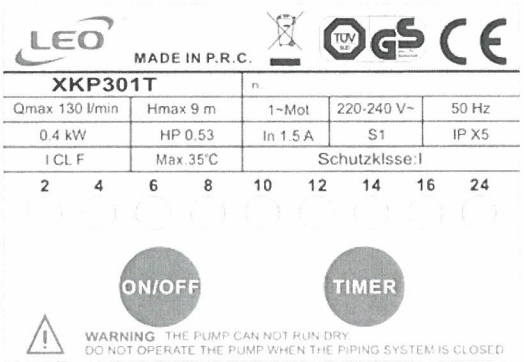
Kind of component / Bauteil	Manufacturer / Hersteller	Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/ Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			Test report and/or mark from / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity

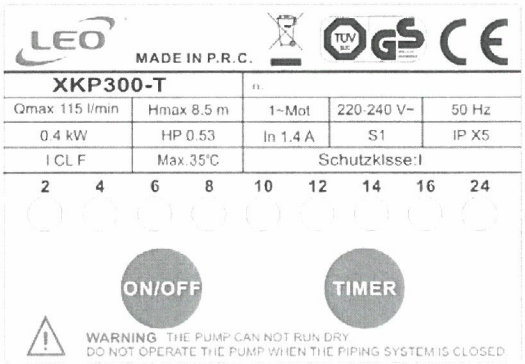










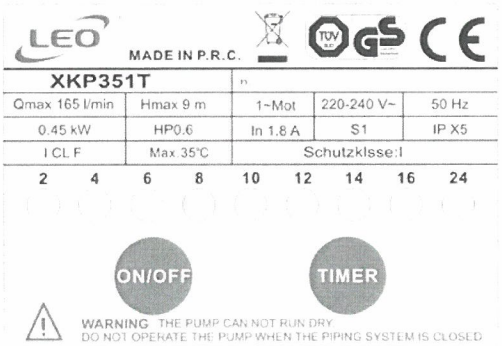


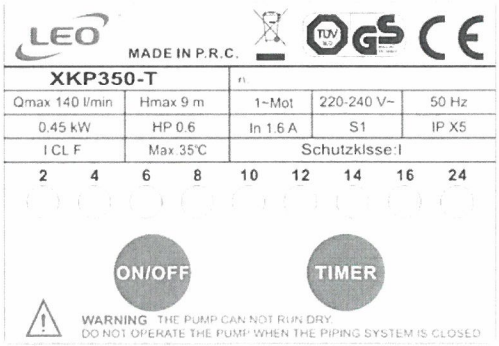
Form ID: 97983-Rev 0- Form Effective: 04 Jan 2018

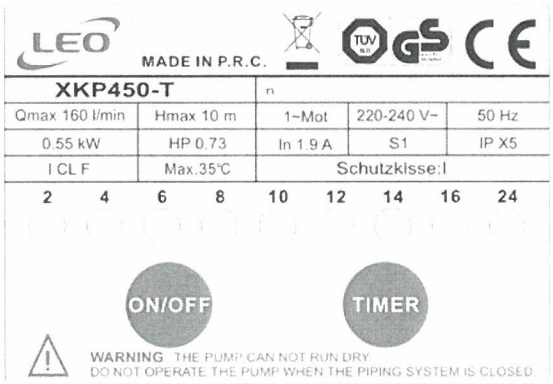
Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

Kind of component / Bauteil	**Manufacturer** / Hersteller	**Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/** Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			**Test report and/or mark from** / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity







Form ID: 37983-Rev. 0-Form Effective: 04 Jan 2018

Test Report No. / Prüfbericht Nr.:70.401.10.300.39-04

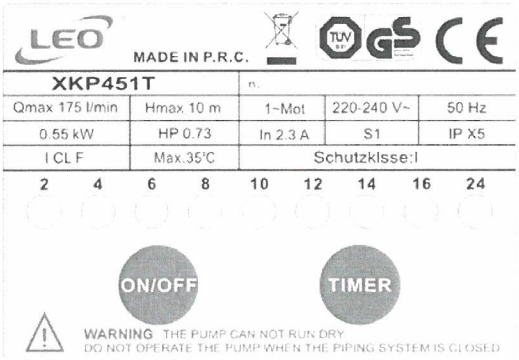
Name of Project manager / Name Projektleiter:

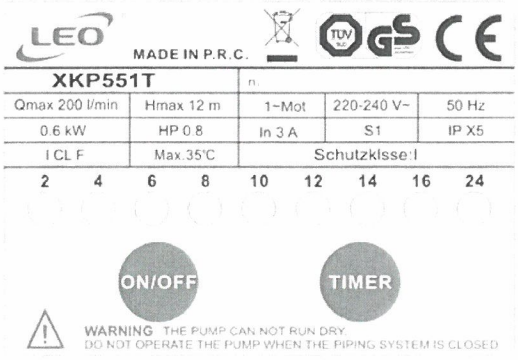
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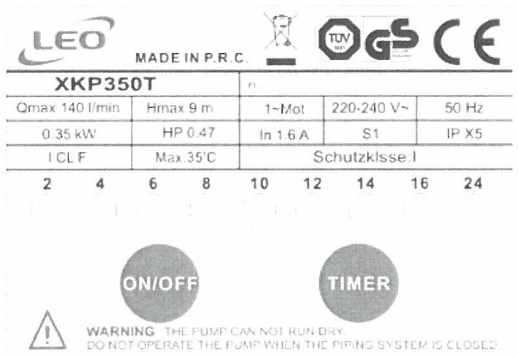
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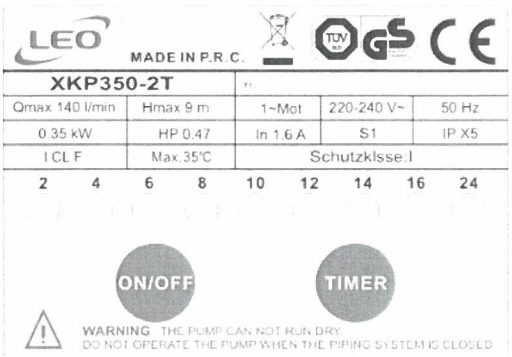
Name, seal and signatureof Certificate Holder/ Name, Stempel und Unterschrift des Zertifikatinhabers:

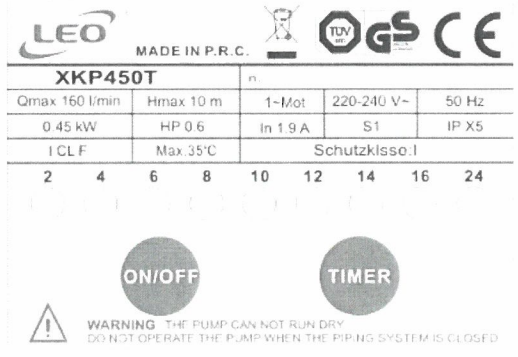
Kind of component / Bauteil	Manufacturer / Hersteller	Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/ Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			Test report and/or mark from / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity

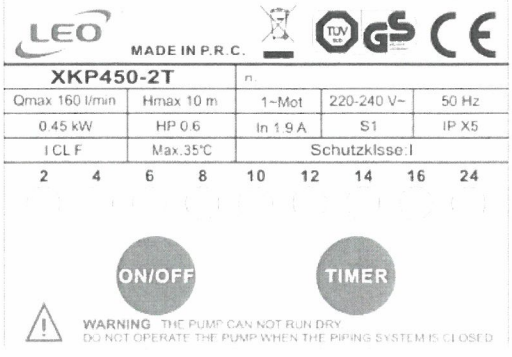












Form ID: 97993-Rev 0-Form Effective: 04 Jan 2018

Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

Kind of component / Bauteil	**Manufacturer** / Hersteller	**Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/** Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			**Test report and/or mark from** / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity

XKP554E		n.	
Qmax 285 l/min		Hmax 10 m	
1~Mot	220-240 V~	50 Hz	S1
0.6 kW	HP 0.8	In 3A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED

XKP804E		n.	
Qmax 315 l/min		Hmax 11 m	
1~Mot	220-240 V~	50 Hz	S1
0.8 kW	HP 1.1	In 3.7A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED

XKP904E		n.	
Qmax 335 l/min		Hmax 14 m	
1~Mot	220-240 V~	50 Hz	S1
0.9 kW	HP 1.2	In 4.2A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED

XKP1104E		n.	
Qmax 365 l/min		Hmax 15 m	
1~Mot	220-240 V~	50 Hz	S1
1.1 kW	HP 1.5	In 5A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED

XKP1604E		n.	
Qmax 450 l/min		Hmax 17 m	
1~Mot	220-240 V~	50 Hz	S1
1.6 kW	HP 2.1	In 7.5A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED

XKP2204E		n.	
Qmax 515 l/min		Hmax 18 m	
1~Mot	220-240 V~	50 Hz	S1
2.2 kW	HP 2.9	In 9A	IP X5
I CL F	Max.35°C	Schutzklsse:I	

WARNING THE PUMP CAN NOT RUN DRY.
DO NOT OPERATE THE PUMP WHEN THE PIPING SYSTEM IS CLOSED

Form ID: 37983-Rev 0-Form Effective: 04 Jan 2018

Test Report No. / Prüfbericht Nr.:70 401 10 300 39-04

Name of Project manager / Name Projektleiter:

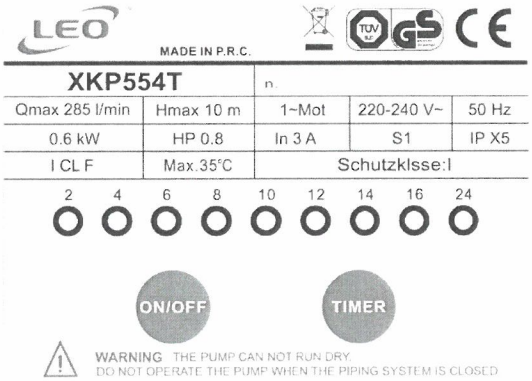
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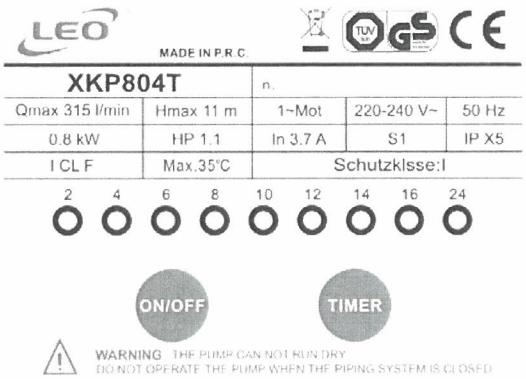
Place / Ort: Zhejiang

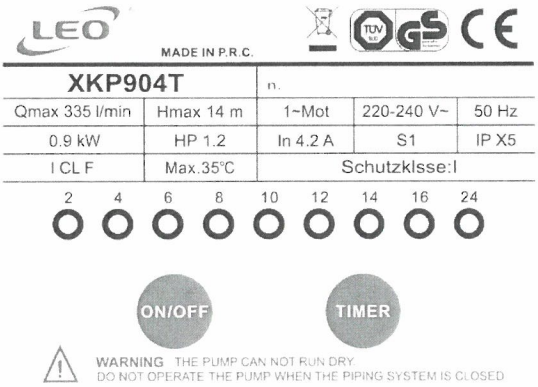
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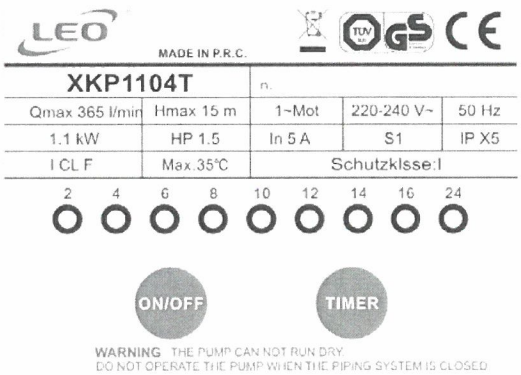
Name, seal and signatureof Certificate Holder/ Name, Stempel und Unterschrift des Zertifikatinhabers:

Kind of component / Bauteil	Manufacturer / Hersteller	Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/ Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			Test report and/or mark from / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity



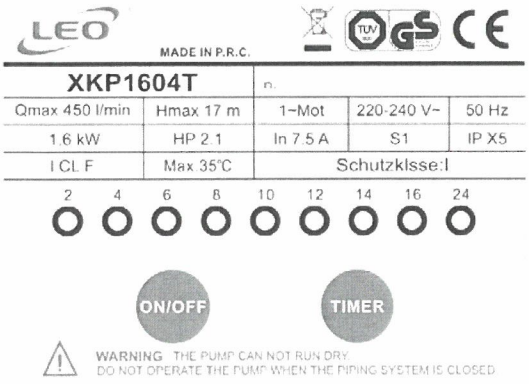


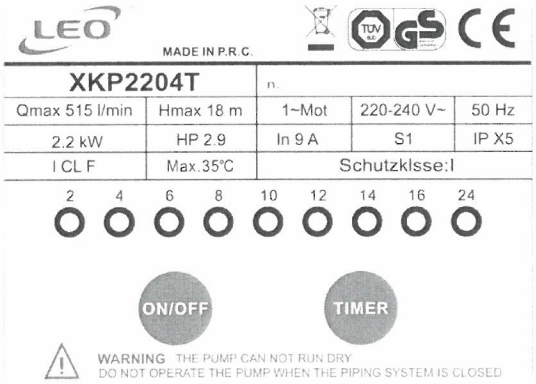


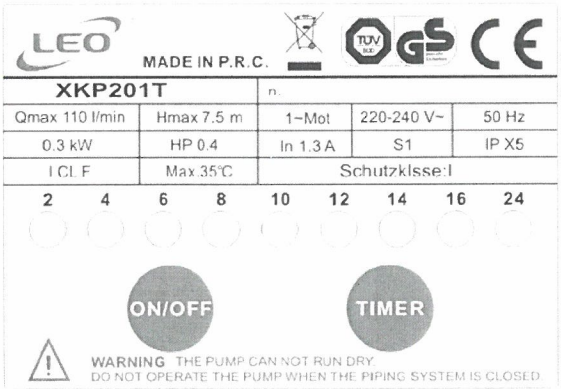


Form ID: 37933-Rev 0-Form Effective 04 Jan 2013

Kind of component / Bauteil	Manufacturer / Hersteller	Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class/ Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			Test report and/or mark from / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity







Leo Group Pump (Zhejiang) Co., Ltd.
No.1,3rd Street, East Industry Center
317500 Wenling City, Zhejiang, P.R.China

Remark: This label about company name and address is marked on the appliance.

Routine Safety Test

Form ID: 37933-Rev 0-Form Effective: 04 Jan 2018

Form

Data form for electrical and electronic equipment/components

Aufbauübersicht für elektrische und elektronische Geräte/Komponenten

Product Service

Kind of component / Bauteil	**Manufacturer** / Hersteller	**Information about mechanical, electrical, chemical* etc. requirements, e.g. type, current, power, transformer specification number, insulating class**/ Angabenübermechanische, elektrische, chemische, etc. Anforderungenz.B. Typ, Stromstärke, Leistung, Transformatorspezifikationsnummer, Isolationsklasse			**Test report and/or mark from** / Prüfbericht und /oder -zeichen von
Object / Part no.	Manufacture / Trademark	Type / model	Technical data	Standard	Mark(s) of conformity

Final inspection requirements for production are described in:
EN 60335-1 Annex A

☒ Required ☐ Not Required

Reason:
☐ Class III product
☐ Other:

Test Details:
☒ Dielectric Strength
☒ Ground Continuity
☐ Insulation Resistance
☐ Leakage Current
☒ Other: Functional test

Test Points:
RI: L/N – unearthed part
BI: L/N – earthed part

Test Values:
2500 Vac
1500 Vac
25A, <0,1 ohm

Form ID: 37983-Rev. 0-Form Effective: 04 Jan 2018

Test Report No. / Prüfbericht Nr.:70.4051.0300.39-04

Name of Project manager / Name Projektleiter:

Place / Ort: Zhejiang

Date / Datum:2020-04-16

Name, seal and signatureof Certificate Holder/ Name, Stempel und Unterschrift des Zertifikatinhabers: