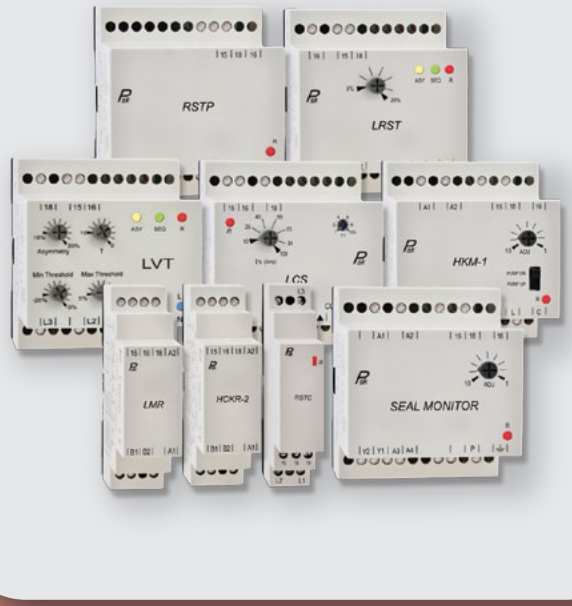
Control relays

2016-17



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Controllers Ltd

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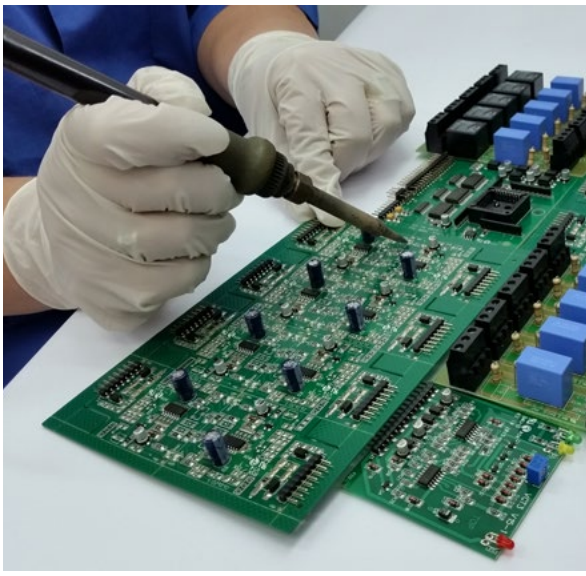
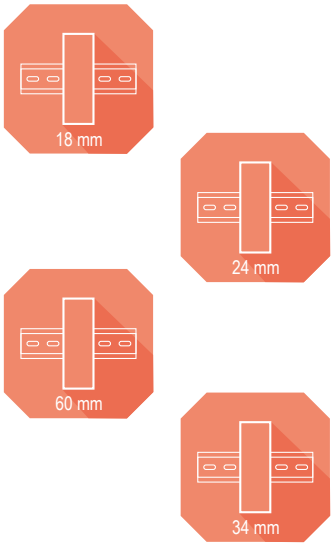
Control Relay

Phase Monitor Relay
Current Monitor Relay
Liquid Level Controllers
Pump/motor automatic switch controllers
Voltage Monitor Relay
Electronic Thermostats
Light Control Sensor

- Low voltage system.
- Industrial automation.
- Alarm system.
- Liquid level monitors.
- Air-conditioning, ventilation, heating system.
- Protaction, signalling.
- Lighting system.
- Various other application.





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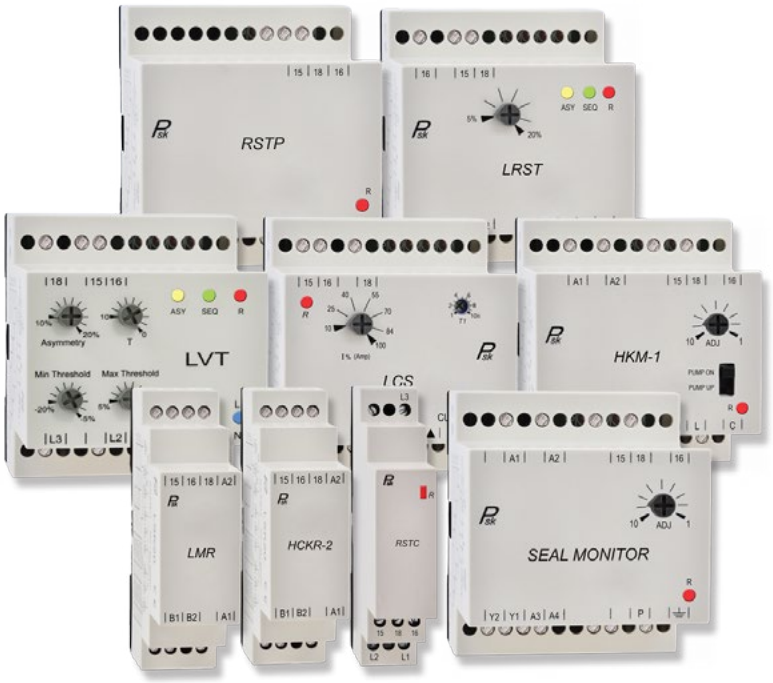
RSTP
LRST
LVT
LCS
HKM-1
LMR
HCKR-2
RSTC
SEAL MONITOR


SUNEAST

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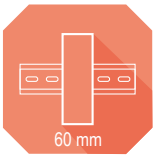
Control Relay
Phase Monitor Relay.

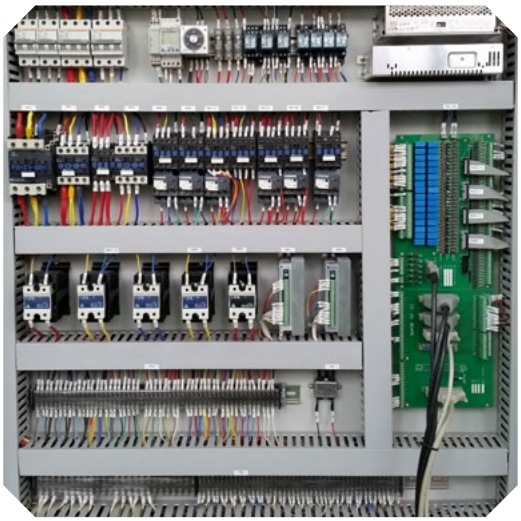
LRST- Phase control relay with asymmetry detection,delay on recovery

LRST20- Phase control relay with asymmetry detection 2 c/o relay output



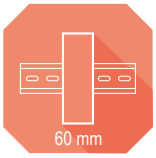
	LRST	LRST20
Number & type of outputs	1 C/O	2 C/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage	3 Phase 400 VAC 3 Phase 110 VAC	3 Phase 400 VAC 3 Phase 110 VAC
Dimensions	60 (2.36") x 73 (2.90")x 67 (2.65")	
Terminals	screw terminals	

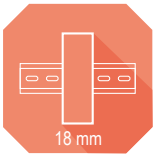
Control Relay
Phase Monitor Relay.



LRST-T- Phase control relay with asymmetry detection, delay on recovery

RSTC- Single function phase control relay





	LRST-T	RSTC
Number & type of outputs	1 C/O	1 C/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage	3 Phase 400 VAC 3 Phase 110 VAC	3 Phase 400 VAC 3 Phase 110 VAC
Dimensions	60 (2.36") x 73 (2.90") x 67 (2.65")	18 (0.72") x 89 (3.50") x 65 (2.59")
Terminals	screw terminals	

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Control Relay
Phase Monitor Relay.

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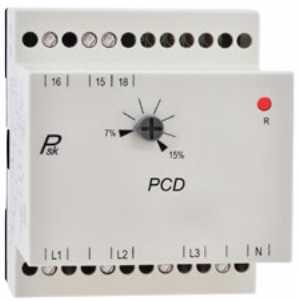
RSTU- Single function phase control relay

RSTP- Phase control relay with high voltage network protection

	RSTU	RSTP
Number & type of outputs	1 C/O	1 C/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage	3 x 208 VAC to 3 x 500 VAC	3 Phase 400 VAC 3 Phase 110 VAC
Dimensions	60 (2.36") x 73 (2.90")x 67 (2.65")	
Terminals	screw terminals	

Control Relay
Phase Monitor Relay.



RSTP20- Phase control relay with high voltage network protection 2 c/o relay output

PCD- Phase control relay with asymmetry detection

	RSTP20	PCD
Number & type of outputs	2 C/O	1 C/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage	3 Phase 400 VAC 3 Phase 110 VAC	3 Phase 400 VAC 3 Phase 110 VAC
Dimensions	60 (2.36") x 73 (2.90")x 67 (2.65")	
Terminals	screw terminals	

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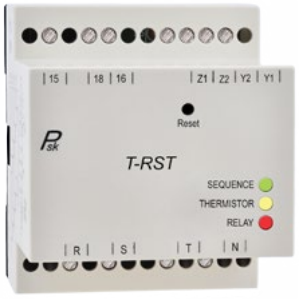
Control Relay

Phase Monitor Relay.



T-RST- Phase control relay with thermistor motor protection

	T-RST
Number & type of outputs	1 C/O
Rated load	8A/250 VAC cos φ= 1
Input rated voltage	3 Phase 400 VAC 3 Phase 110 VAC
Dimensions	60 (2.36") x 73 (2.90")x 67 (2.65")
Terminals	screw terminals

Product Code	Phase Failure Relay	Phase Seq. Failure	PTC protection	Fixed Asymmetry	Adj. Asymmetry	Without Neutral	1 C/O Contact	2 C/O Contact	DIN Rail Mount
LRST	•	•			•		•		•
LRST20	•	•			•			•	•
LRST-T	•	•			•		•		•
RSTC	•	•		•		•	•		•
RSTU	•	•		•		•	•		•
RSTP	•	•		•		•	•		•
RSTP20	•	•		•		•		•	•
PCD	•	•			•		•		•
T-RST	•	•	•	•			•		•

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Control Relay
Current Monitor Relay.

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LCS- Current control relay

HSKR- Heated element monitor

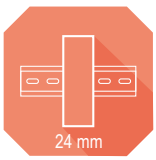
	LCS	HSKR
Number & type of outputs	1 C/O	1 C/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage	240 VAC 50/60 Hz	240 VAC 50/60 Hz
Dimensions	60 (2.36") x 73 (2.90")x 67 (2.65")	24 (0.94") x 89 (3.50") x 65 (2.59")
Terminals	screw terminals	

Control Relay
Current Monitor Relay.

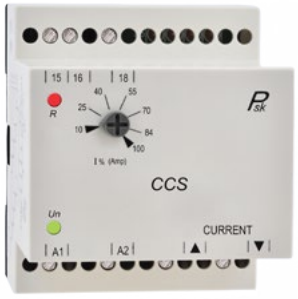
HCKR-2- Low current sense monitor

LMR- Alarm lamp monitor

	HCKR-2	LMR
Number & type of outputs	1 C/O	1 C/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage	240 VAC 50/60 Hz	240 VAC 50/60 Hz
Dimensions	24 (0.94") x 89 (3.50") x 65 (2.59")	
Terminals	screw terminals	

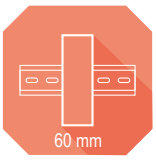


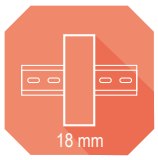
Control Relay
Current Monitor Relay.



CCS- Under current control relay

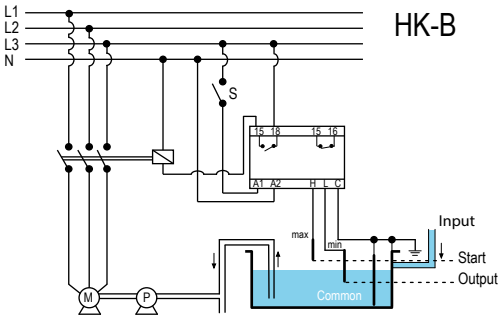
CCU- Current control relay AC/DC



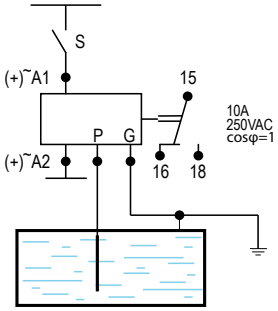


	CCS	CCU
Number & type of outputs	1 C/O	1 C/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage	240 VAC 50/60 Hz	mutivoltage 240 VAC 110 VAC 24 VAC
Dimensions	60 (2.36") x 73 (2.90")x 67 (2.65")	
Terminals	screw terminals	

Control Relay
Liquid Level Controllers.



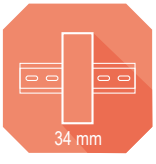
HK-B

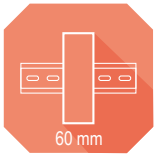


HK-B

HK-B- Conductive liquid level monitor with time delay on downward crossing of threshold

SEAL MONITOR- Multivoltage,Oil conductive monitor





	HK-B	SEAL-MONITOR
Number & type of outputs	1 C/O	1 C/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage	240 VAC 50/60 Hz	mutivoltage 240 VAC 110 VAC 24 VAC
Dimensions	60 (2.36") x 73 (2.90")x 67 (2.65")	
Terminals	screw terminals	

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Control Relay
Liquid Level Controllers.

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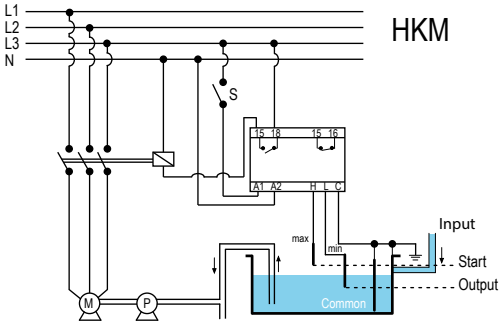
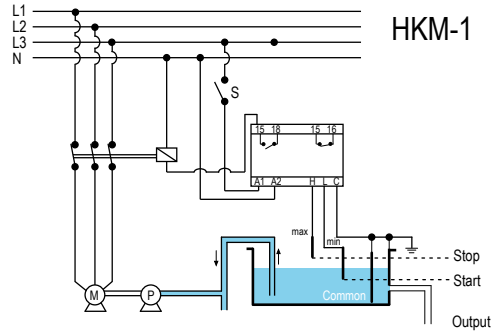
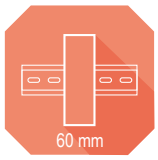
HKM- Multivoltage conductive liquid level monitor

HKM-1- Multivoltage, filling or empting liquid level monitor

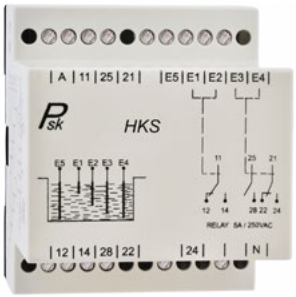




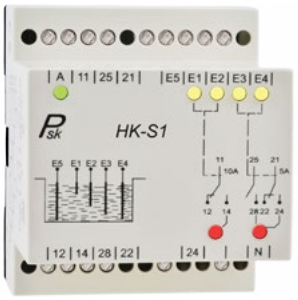
	HKM	HKM-1
Number & type of outputs	1 C/O	1 C/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage	mutivoltage 240 VAC 110 VAC 24 VAC	mutivoltage 240 VAC 110 VAC 24 VAC
Dimensions	60 (2.36") x 73 (2.90")x 67 (2.65")	
Terminals	screw terminals	



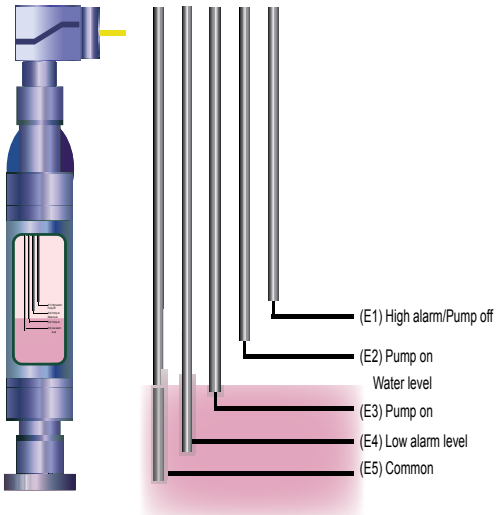
Control Relay
Liquid Level Controllers.



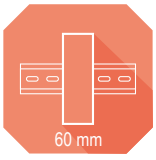
HKS- Conductive liquid level monitor with five electrodes 2 C/O and 1 N/O



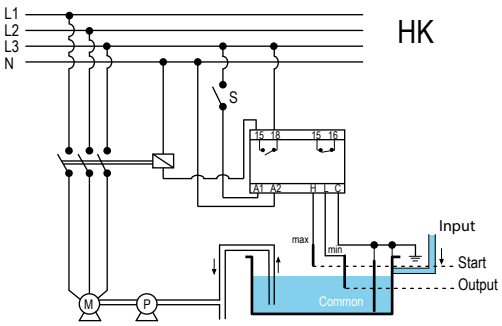
HK-S1-Conductive liquid level monitor with five electrodes and Led indications 2 C/O and 1 N/O



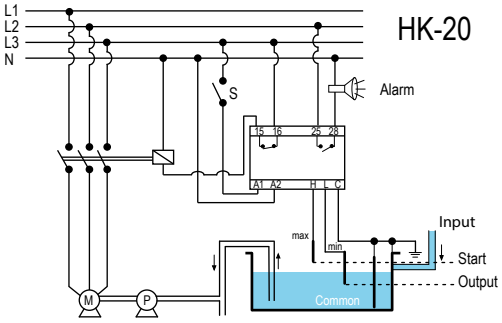
	HKS	HK-S1
Number & type of outputs	2 C/O - 1 N/O	2 C/O - 1 N/O
Rated load	4A/250 VAC cos φ= 1	4A/250 VAC cos φ= 1
Input rated voltage	240 VAC 50/60 Hz	240 VAC 50/60 Hz
Dimensions	60 (2.36") x 73 (2.90")x 67 (2.65")	
Terminals	screw terminals	



Control Relay
Liquid Level Controllers.



HK

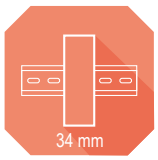


HK-20

HK- Conductive liquid level monitor

HK-20- Conductive liquid level monitor with alarm

	HK	HK-20
Number & type of outputs	1 C/O	1 C/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage	240 VAC 50/60 Hz	240 VAC 50/60 Hz
Dimensions	60 (2.36") x 73 (2.90")x 67 (2.65")	
Terminals	screw terminals	



Control Relay
Pump/motor automatic switch controllers.

TPC- Automatic 2 Pump Transfer Controller

MB-TPC- Automatic 2 Pump Transfer Controller. Modbus Communication.

	TPC	MB-TPC
Controlles	2 Pumps	2 Pumps Modbus RTU Communication
Input rated voltage	230VAC 50-60 Hz	230VAC 50-60 Hz
Dimensions	95 (3.74) x 95 (3.74) x	
Terminals	screw terminals	

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Control Relay
Voltage Monitor Relay.

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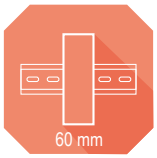
VCN- 1 phase control monitor

VCN-20- Voltage control relay for 1 phase network with 2 c/o

	VCN	VCN-20
Number & type of outputs	1 C/O	1 C/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage	240 VAC 50/60 Hz	240 VAC 50/60 Hz
Dimensions	60 (2.36") x 73 (2.90")x 67 (2.65")	
Terminals	screw terminals	

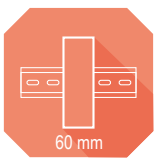


Control Relay
3 Phase Voltage Monitor Relay.

VCT- Voltage control relay between phase for three-phase network

LVT- Phase control relay with symmetry/asymmetry min/max threshold. Delay on recovery

	VCT	LVT
Number & type of outputs	1 C/O	1 C/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage	3 Phase 400 VAC 3 Phase 110 VAC	3 Phase 400 VAC 3 Phase 110 VAC
Dimensions	60 (2.36") x 73 (2.90")x 67 (2.65")	
Terminals	screw terminals	



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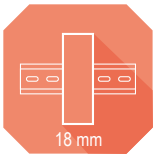
Control Relay

Light Control Sensor.

PS- Photoelectric switch

PS-1- Photo-electric switch sealed IP66



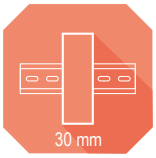
	PS	PS-1
Number & type of outputs	1 N/O	1 N/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage options:	230VAC 50-60 Hz 48VAC 24VAC	230VAC 50-60 Hz 48VAC 24VAC
Dimensions	89 (3.50") x 18 (0.72") x 65 (2.59")	112 (4.41") x 112 (4.41") x 55 (2.18")
Illuminate detaction LUX	30 - 900 LUX	
Terminals	screw terminals	

Control Relay

Electronic Thermostats.

TC1- Relay energized when temperatura rize above preset value

TC2- Relay de-energized when temperatura rize above preset value



	TC1	TC2
Number & type of outputs	1 C/O	1 C/O
Rated load	8A/250 VAC cos φ= 1	8A/250 VAC cos φ= 1
Input rated voltage	240 VAC 50/60 Hz	240 VAC 50/60 Hz
Dimensions	60 (2.36") x 73 (2.90")x 67 (2.65")	
Terminals	screw terminals	

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Phase Monitor Relay

1. Phase control relay with asymmetry detection
2. Phase control relay 1 C/O
3. Phase control relay with high voltage network protection
4. Phase control relay with thermistor motor protection

Current Control Relay

1. Relay with level adjustment on front
2. Relay with heated element monitor
3. Relay with low current sense monitor
4. Relay with alarm lamp monitor
5. Under current control with level adjustment on front
6. Control relays AC & DC current

Liquid Level Control Relay

1. Monitors one or two level of conductive liquids
2. Multivoltage oil conductive monitor
3. Multivoltage conductive liquid level monitor
4. 5 elements conductive or non-conductive containers liquid level monitor
5. Automatic 2 Pumpz/motor programmable switch controllers

Voltage Monitor Relay

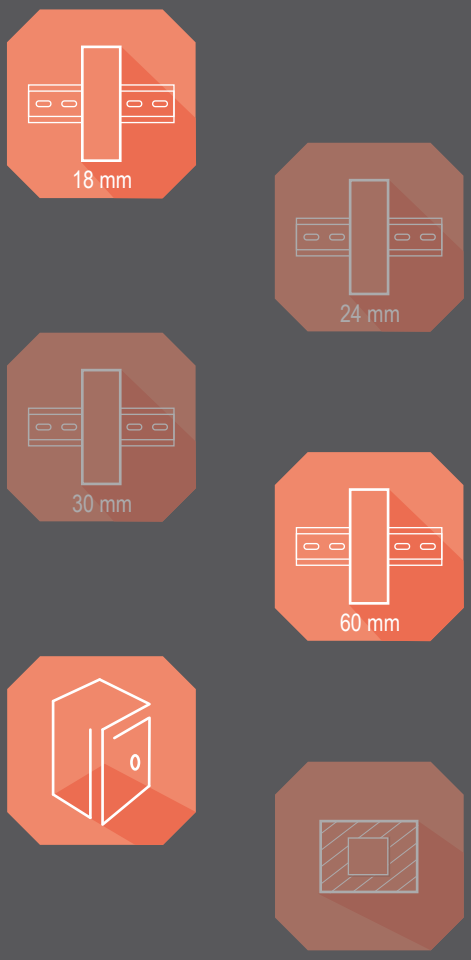
1. One phase control relay
2. Voltage control relay between phases for three-phase network
3. Phase control relay with symmetry/asymmetry, min/max threshold

Light Control Sensor

1. DIN rail 30-900 LUX ADJ
2. Electrical enclosure IP 66 30-900 LUX ADJ

Electrical Thermostats Control for fans,

rated load current - 12A max



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Due to the permanent development policy, all rights reserve to introduce changes of data, characteristic and packages of the products. Devices should be operated by skilled and trained personals in according with the regulations in force to electrical systems. The technical data are of information nature. PSK Controllers Ltd. does not accept any liability for inappropriate use / connection of any of the presented products.

Safety summery

- never touch any live part of the device.
- ensure that the parameters of the product appears in its specification suitable for the application the timer will operate.
- ensure the timer has been connected correctly, an incorrect connection may Couse malfunction, excessive heating risk of fire.
- All safety related regulations, local codes and instructions that appear in the literature or on equipment must be observed to ensure personal safety and to prevent damage to either the instrument or equipment connected to it. If equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

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