



Product Catalog 23

You Control The Electricity!
Elektriğin Kontrolü Sizde!





Elektriğin Kontrolü Sizde !
You Control The Electricity !

www.armesan.com.tr



ABOUT US

Our company, ARMESAN ELECTRIC, was founded in Istanbul in 2019. It provides service to the field of industrial automation, which is an important branch of the ever-growing electronics business field, with its specialized and experienced personnel targeting more efficient usage of energy in our country. Within its industrial experience and wide range of products, by technological hardware to supply the contemporary needs, it is surely in progress to become a leading brand.

ARMESAN ELECTRIC. has specialized experts and competent employees together with modern and high-capacity manufacturing facilities.

ARMESAN ELECTRIC serves the industry by developing the next generation of products with its advanced R & D team.

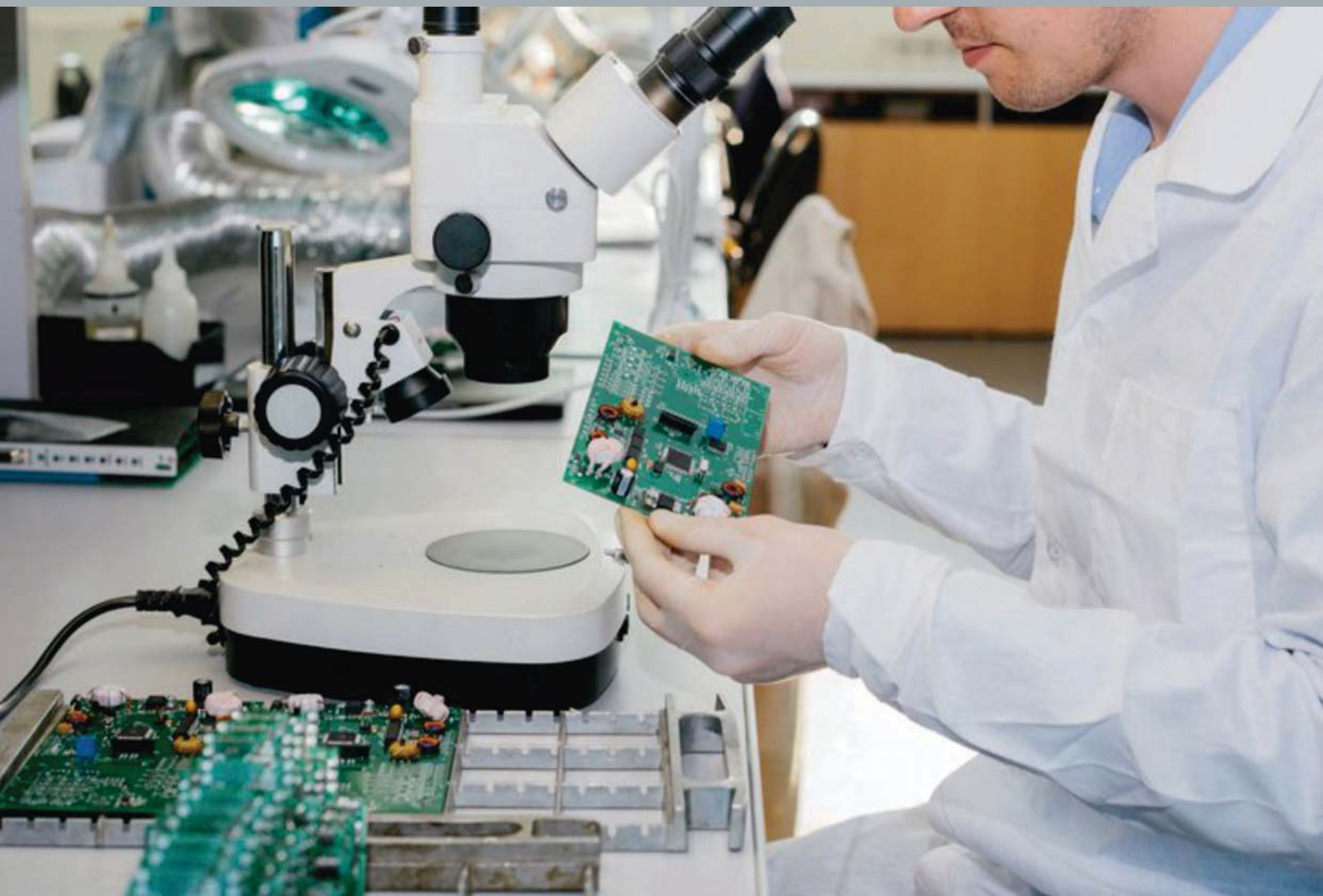
ARMESAN ELECTRIC. With a network of authorized dealers all around Turkey and International distributors in different countries, provides pre-sales and after-sales support with rapid and feasible logistical solutions to the end users.

ARMESAN is based on the unconditional customer satisfaction and will be among the industry's major players in the national and global market, by developing market-focused applications by closely following the technological developments, within a continuous goal of achieving the better together with an environmental awareness.

OUR CORPORATE STRATEGY

ARMESAN ELECTRIC has combined the experience and the service perspective with its competent human resources of the technological hardware to supply the contemporary needs. The key principles of his philosophy, which supports with his next-generation sectoral approaches:

- ▶ World Class high quality standards and international certifications,
- ▶ Improving its position between his own products vs. the world brands by its ever-evolving technology,
- ▶ Unconditional Customer satisfaction focused, unique quality of after-sales service policy,
- ▶ Realizing effective sales and marketing strategies with a goal of sustainable profitable growth, Consistently enhancing the value for its stakeholders and partners,
- ▶ Maintaining the brand loyalty through strategical marketing communication



4 ◀	Digital Multi Meters	42 ◀	ABS & PC Panel Panel Rails
5 ◀	Digital Ampermeters	43 ◀	Pvc Slotted Rail Socket
6 ◀	⁷ Digital Voltmeters	44 ◀	Insulated (AER) Connector Sockated Connectors Terminal Strips
8 ◀	Digital Frequency Meters	45 ◀	Panel Instrumental Cable Lucs
9 ◀	Digital Overload Relay	46 ◀	Distribution Unit
12 ◀	¹³⁻¹⁴⁻¹⁵⁻¹⁶ ¹⁷⁻¹⁸⁻¹⁹⁻²⁰ Time Relays	47 ◀	Panel Instrumental Connectors & Panel Materials
22 ◀	Liquit Level Control Relays	48 ◀	PVC Cable Lucs
23 ◀	²⁴ Electrode	50 ◀	⁵¹ Cam Switches On - Of Switches
26 ◀	²⁷ ²⁸ Voltage Protection Relays	52 ◀	⁵³ ⁵⁴ Cam Switches Chance Over Switches
29 ◀	Digital Voltage Control Relays	55 ◀	⁵⁶ Cam Switches Multi Steps Switches
30 ◀	³¹ Control & Protection Devices Photocell Relays	57 ◀	⁵⁸ ⁵⁹ Cam Switches Motors Control Switch
32 ◀	³³⁻³⁴⁻³⁵⁻³⁶ ³⁷⁻³⁸⁻³⁹ Motor (Phase) Protection Relays	60 ◀	⁶¹ Cam Switches Measuring Switch
40 ◀	⁴¹ Control & Protection Photocell Relays	62 ◀	ISO-TSE Certificate

ARM-06 Digital Multimeter



Technical Specifications

Voltage	✓
Current	✓
Frequency	✓
X / 5	✓
220 V	✓
AMPERE	
Box&Mini Box Qty.	100-10 Pieces

ARM-06-100A Digital Multimeter



Technical Specifications

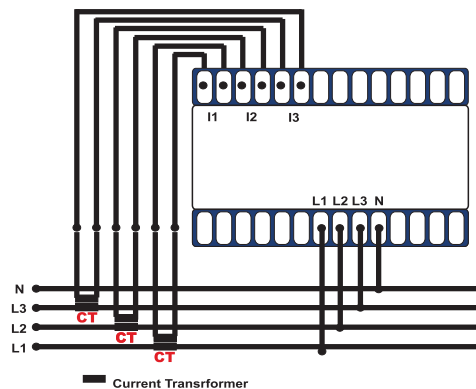
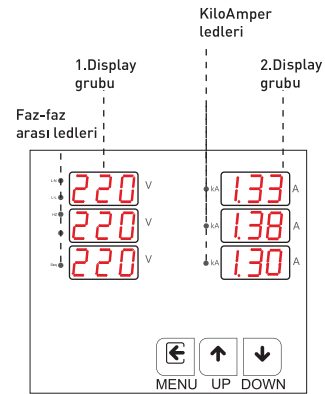
Voltage	✓
Current	✓
Frequency	✓
X / 5	✓
220 V	✓
AMPERE	100 A
Box&Mini Box Qty.	100-10 Pieces

ARM-06-300A Digital Multimeter



Technical Specifications

Voltage	✓
Current	✓
Frequency	✓
X / 5	✓
220 V	✓
AMPERE	300 A
Box&Mini Box Qty.	100-10 Pieces



AAM-72 | Digital Ampermeter

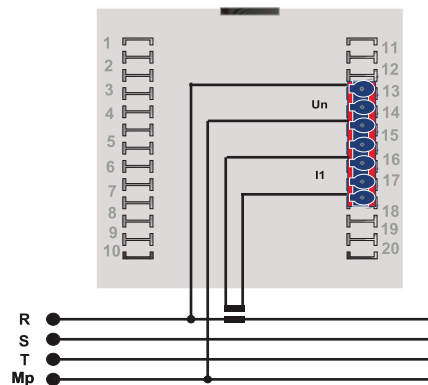
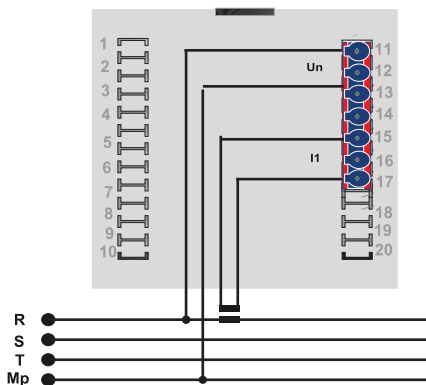


Measurement	
AC	✓
DC	
X / 5	✓
CT250A	
60 mV Shunt	
Input	
AC	✓
DC	
12V	
24V	
220V	✓
24.....285 V	
Box&Mini Box Qty.	100-10 Pieces

AAM-96 | Digital Ampermeter



Measurement	
AC	✓
DC	
X / 5	✓
CT250A	
60 mV Shunt	
Input	
AC	✓
DC	
12V	
24V	
220V	✓
24.....285 V	
Box&Mini Box Qty.	100-10 Pieces

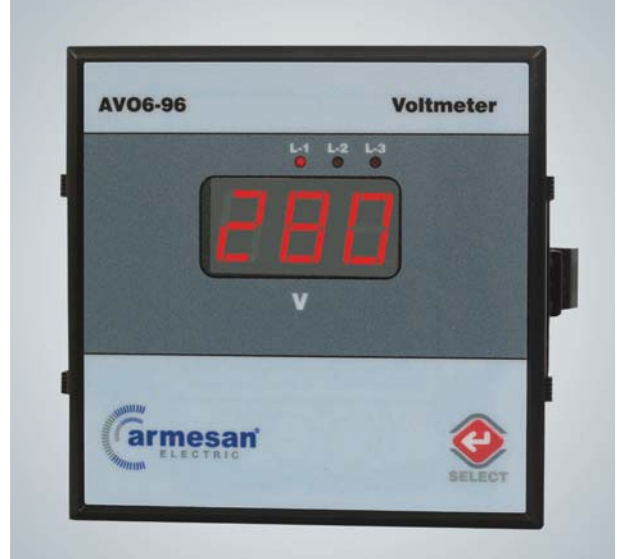


AV06-72 Select Digital Voltmeter

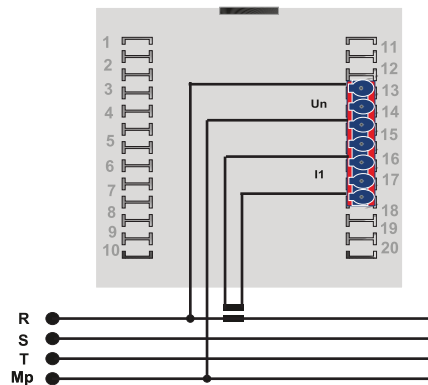
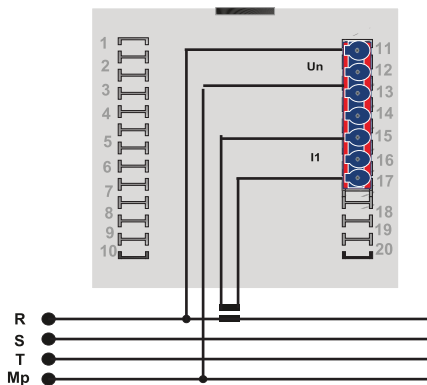


Measurement	
AC	✓
DC	
Phase+Phas	✓
Phase+ neutral	✓
500 V	
Frequency	
Input	
AC	✓
DC	
12V	
24V	
220V	✓
24.....285 V	
Box&Mini Box Qty.	

AV06-96 Select Digital Voltmeter



Measurement	
AC	✓
DC	
Phase+Phas	✓
Phase+ neutral	✓
500 V	
Frequency	
Input	
AC	✓
DC	
12V	
24V	
220V	✓
24.....285 V	
Box&Mini Box Qty.	



AVO-72 | Digital Voltmeter



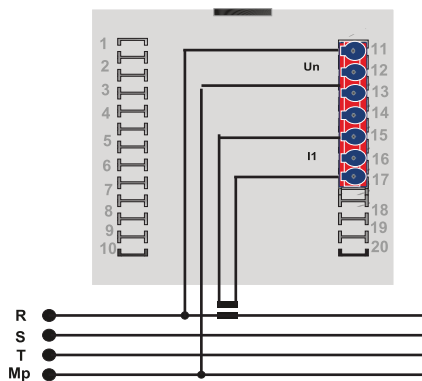
Measurement

AC	✓
DC	
Phase+Phas	
Phase+neutral	✓
500 V	✓
Frequency	

Input

AC	✓
DC	
12V	
24V	
220V	✓
24.....285 V	

Box&Mini Box Qty. 100-10 Pieces



AVO-96 | Digital Voltmeter



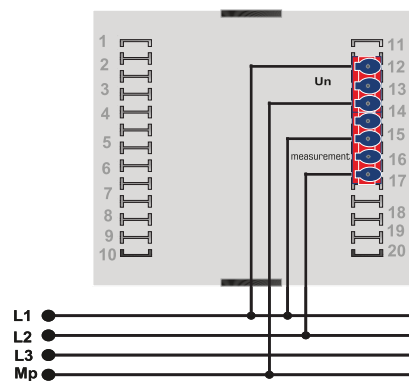
Measurement

AC	✓
DC	
Phase+Phas	
Phase+neutral	✓
500 V	✓
Frequency	

Input

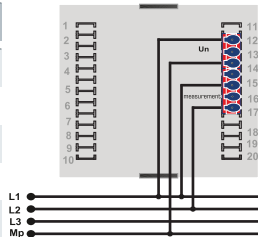
AC	✓
DC	
12V	
24V	
220V	✓
24.....285 V	

Box&Mini Box Qty. 100-10 Pieces

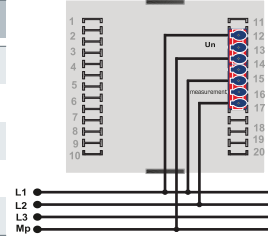




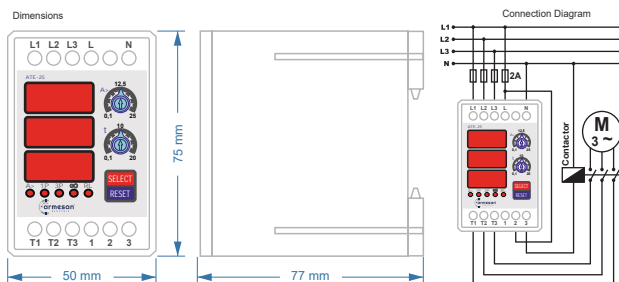
Measurement	
1 Phase	✓
20.....400 Hz.	✓
0,1 Hz	✓
220 V	✓
Box&Mini Box Qty.	100-10 Pieces



Measurement	
1 Phase	✓
20.....400 Hz.	✓
0,1 Hz	✓
220 V	✓
Box&Mini Box Qty.	100-10 Pieces



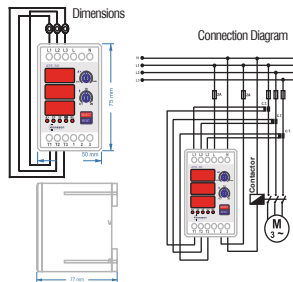
- Technical Specifications**
- Operating Voltage : 150V - 260VAC
 - Operating Freq : 50/60 Hz
 - Operating Power : <6VA
 - Operating Temp. : -20°C..... +55°C
 - Display : 3x3 Digit Display, 5 LEDs
 - High Current : ATE-25 0,1A -25,0A (Overload)
 - Waiting (t) : 0,1sec. - 20sec.
 - Connection Type : Terminal Connection
 - Contact : 7A / 250VAC (Resistive Load)
 - Cable Diameter : 2.5mm³
 - Weight : Max. 250gr.
 - Mounting : Assembled on the din rail.
 - Operation Altitude : <2000m.



ATE-50 Digital Overload Relay



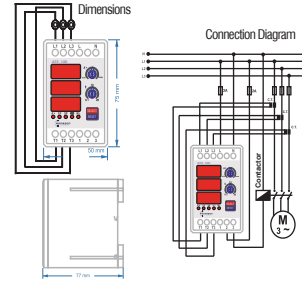
Technical Specifications
 Operating Voltage : 150V - 260VAC
 Operating Freq : 50/60 Hz
 Operating Power : <6VA
 Operating Temp. : -20°C.....+55°C
 Display : 3x3 Digit Display, 5 LEDs
 High Current : ATE-50 15A -50,0A (Overload)
 Waiting (t) : 0,1sec. - 20sec.
 Connection Type : Terminal Connection
 Contact : 7A / 250VAC (Resistive Load)
 Cable Diameter : 2.5mm²
 Weight : Max. 250gr.
 Mounting : Assembled on the din rail.
 Operation Altitude : <2000m.



ATE-100 Digital Overload Relay



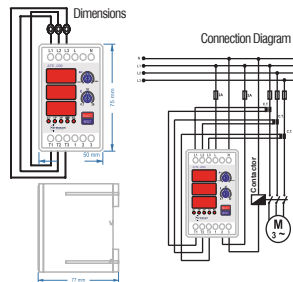
Technical Specifications
 Operating Voltage : 150V - 260VAC
 Operating Freq : 50/60 Hz
 Operating Power : <6VA
 Operating Temp. : -20°C.....+55°C
 Display : 3x3 Digit Display, 5 LEDs
 High Current : ATE-100 40A -100A (Overload)
 Waiting (t) : 0,1sec. - 20sec.
 Connection Type : Terminal Connection
 Contact : 7A / 250VAC (Resistive Load)
 Cable Diameter : 2.5mm²
 Weight : Max. 250gr.
 Mounting : Assembled on the din rail.
 Operation Altitude : <2000m.



ATE-200 Digital Overload Relay



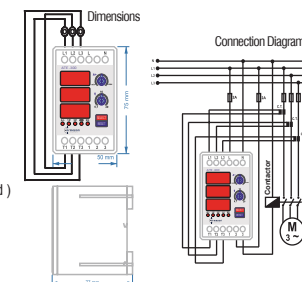
Technical Specifications
 Operating Voltage : 150V - 260VAC
 Operating Freq : 50/60 Hz
 Operating Power : <6VA
 Operating Temp. : -20°C.....+55°C
 Display : 3x3 Digit Display, 5 LEDs
 High Current : ATE-200 50A -200A (Overload)
 Waiting (t) : 0,1sec. - 20sec.
 Connection Type : Terminal Connection
 Contact : 7A / 250VAC (Resistive Load)
 Cable Diameter : 2.5mm²
 Weight : Max. 250gr.
 Mounting : Assembled on the din rail.
 Operation Altitude : <2000m.

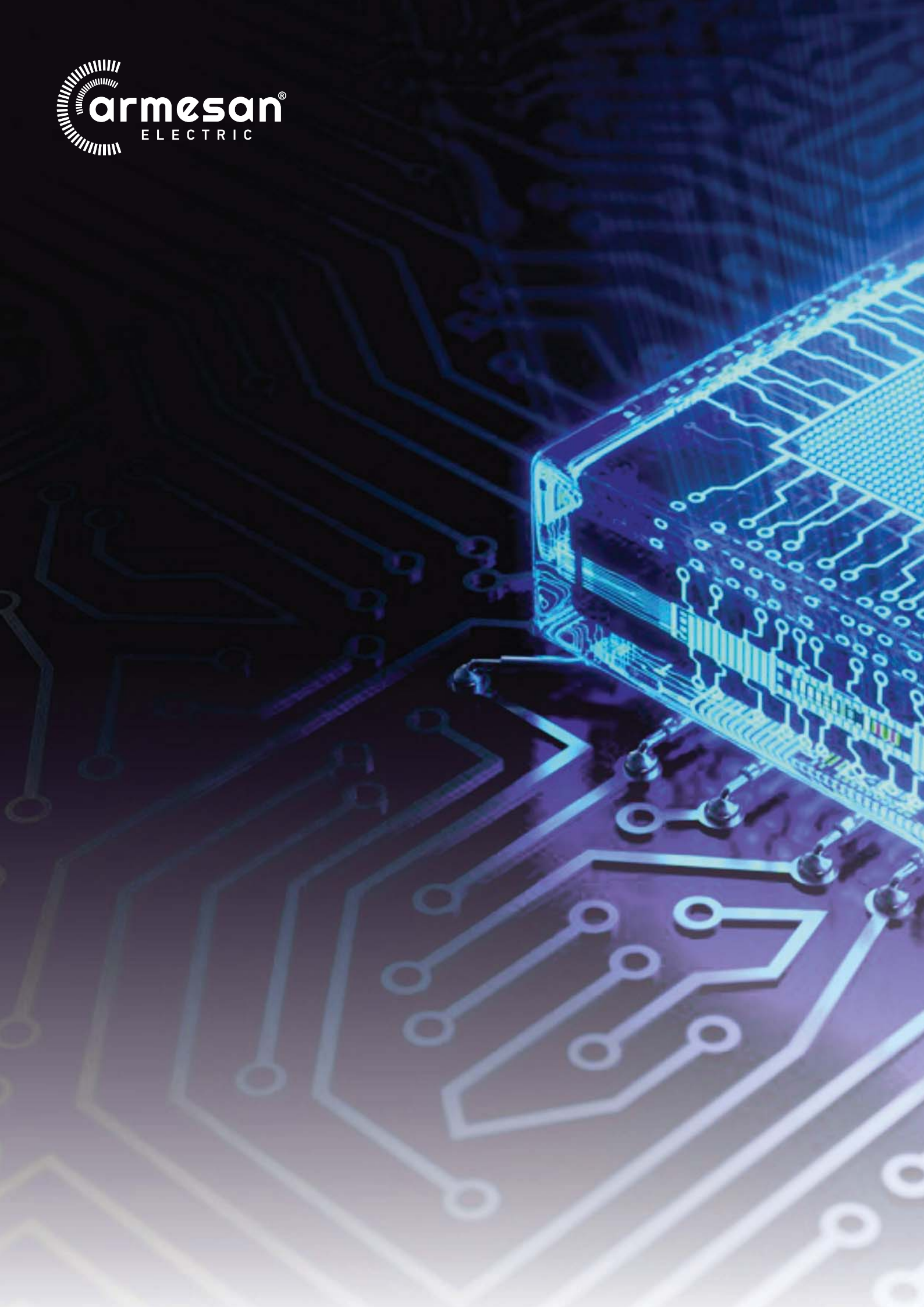


ATE-300 Digital Overload Relay



Technical Specifications
 Operating Voltage : 150V - 260VAC
 Operating Freq : 50/60 Hz
 Operating Power : <6VA
 Operating Temp. : -20°C.....+55°C
 Display : 3x3 Digit Display, 5 LEDs
 High Current : ATE-300 90A -300A (Overload)
 Waiting (t) : 0,1sec. - 20sec.
 Connection Type : Terminal Connection
 Contact : 7A / 250VAC (Resistive Load)
 Cable Diameter : 2.5mm²
 Weight : Max. 250gr.
 Mounting : Assembled on the din rail.
 Operation Altitude : <2000m.





Energy Control Time Relays



ADZR-30 On Delay Timer



Technical Specifications	
Time Range	0,1 - 30 sn / 0,1 - 30 sec.
On Delay	✓
Off Delay	
Steps Number	
On Start	
Off Start	
Asymmetric Flasher	
Trigger	

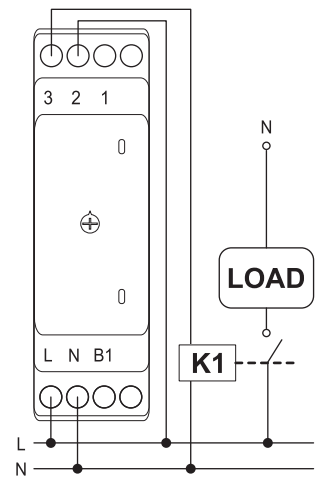
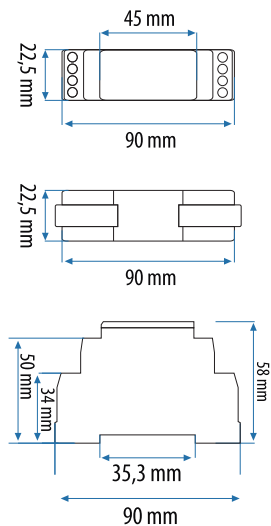
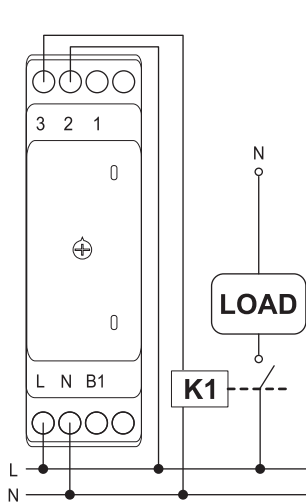
Operating Voltage	
12 VAC/DC	
24 V AC/DC	✓
220 V AC	✓
18-285 VAC/DC	
Box&Mini Box Qty.	100-10 Pieces

ADZR-60 On Delay Timer



Technical Specifications	
Time Range	0,1 - 60 sn / 0,1 - 60 sec.
On Delay	✓
Off Delay	
Steps Number	
On Start	
Off Start	
Asymmetric Flasher	
Trigger	

Operating Voltage	
12 VAC/DC	
24 V AC/DC	✓
220 V AC	✓
18-285 VAC/DC	
Box&Mini Box Qty.	100-10 Pieces



ADZR-03 On Delay Timer



Time Range:
0,1 - 03 sec.

ADZR-06 On Delay Timer



Time Range:
0,1 - 06 sec.

ADZR-12 On Delay Timer



Time Range:
0,1 - 12 sec.

ADZR-03D On Delay Timer



Time Range:
0,1 - 03 min.

ADZR-06D On Delay Timer



Time Range:
0,1 - 06 min.

ADZR-12D On Delay Timer



Time Range:
0,1 - 12 min.

ADZR-30D On Delay Timer



Time Range:
0,1 - 30 min.

ADZR-60D On Delay Timer



Time Range:
0,1 - 60 min.

Technical Specifications

On Delay ✓

Off Delay

Steps Number

On Start

Off Start

Asymmetric Flasher

Trigger

Operating Voltage

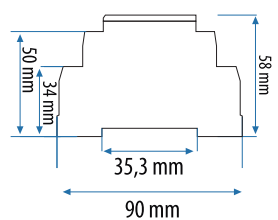
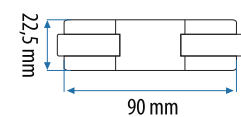
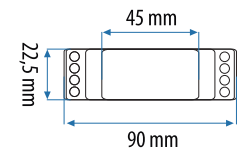
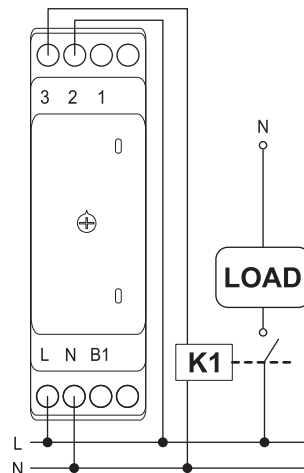
12 VAC/DC

24 V AC/DC ✓

220 V AC ✓

18-285 VAC/DC

Box&Mini Box Qty. 100-10 Pieces



AMRD-08 Multi Function Timer

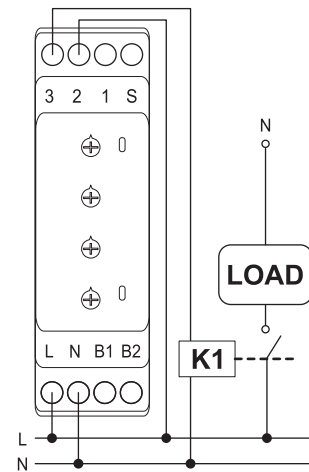
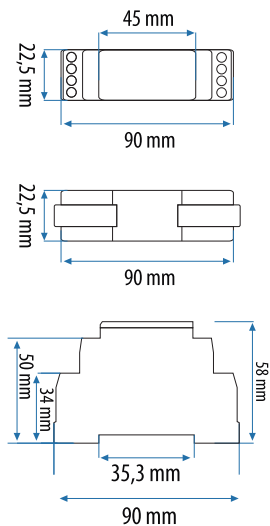
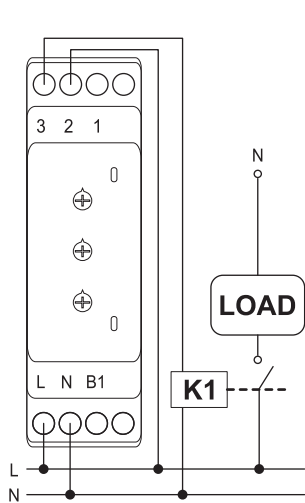


Technical Specifications	
Time Range	0,06 sn - 30 saat / 0,06 sn - 30 hour
On Delay	✓
Off Delay	✓
Steps Number	8
On Start	✓
Off Start	✓
Asymmetric Flasher	
Trigger	
Operating Voltage	
12 VAC/DC	
24 V AC/DC	✓
220 V AC	✓
18-285 VAC/DC	
Box&Mini Box Qty.	100-10 Pieces

ASZ-M5 Multi Funtion (Flasher) Timer



Technical Specifications	
Time Range	0,1 sn - 100 saat / 0,1 sn - 100 hour
On Delay	
Off Delay	
Steps Number	8
On Start	✓
Off Start	✓
Asymmetric Flasher	✓
Trigger	
Operating Voltage	
12 VAC/DC	
24 V AC/DC	✓
220 V AC	✓
18-285 VAC/DC	
Box&Mini Box Qty.	100-10 Pieces



ASZU-M15 Multi Function Timer



Technical Specifications	
Time Range	Trigger Input 0,05 - 100 hour
On Delay	✓
Off Delay	✓
Steps Number	7
On Start	
Off Start	✓
Asymmetric Flasher	
Trigger	✓

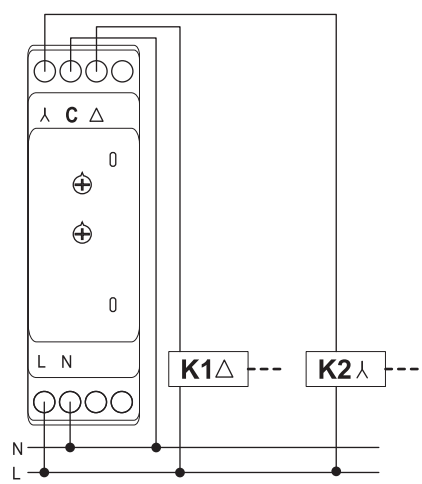
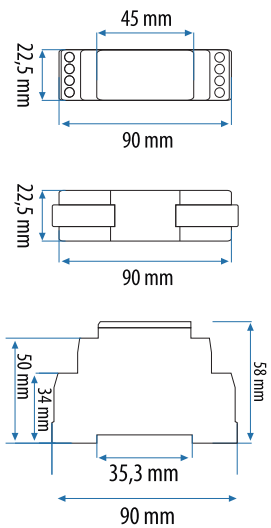
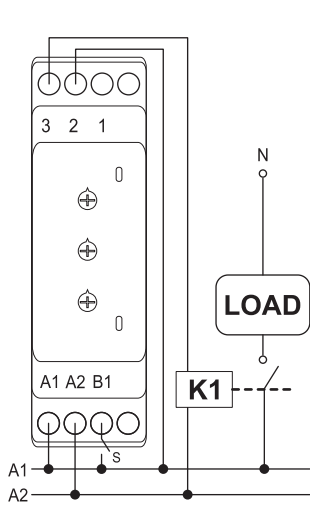
Operating Voltage	
12 VAC/DC	✓
24 V AC/DC	
220 V AC	
18-285 VAC/DC	
Box&Mini Box Qty.	100-10 Pieces

ASY Star Delta Relay



Technical Specifications	
Time Range	Y: 6 sec. - 60 sec. Y [®] Δ: 50...500 msec.
On Delay	
Off Delay	
Steps Number	
On Start	
Off Start	✓
Asymmetric Flasher	
Trigger	

Operating Voltage	
12 VAC/DC	
24 V AC/DC	
220 V AC	✓
18-285 VAC/DC	
Box&Mini Box Qty.	100-10 Pieces



ASI | Left-Right (Inversor Relay)

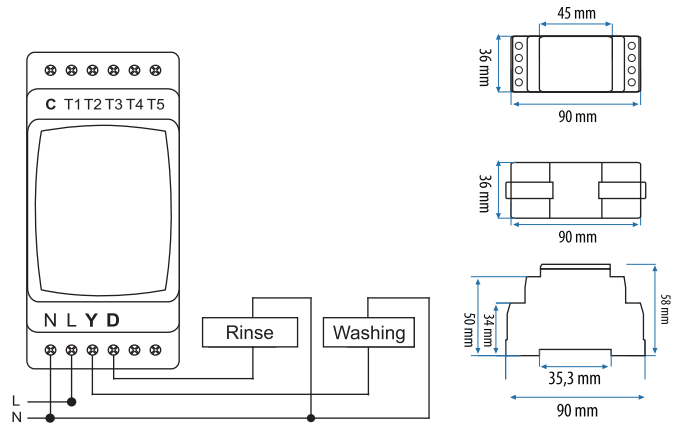
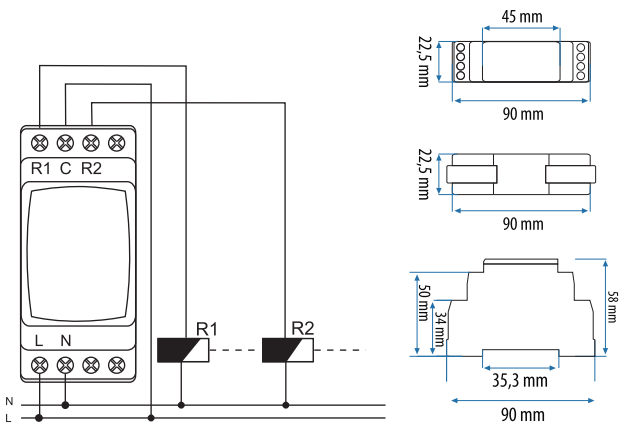


Technical Specifications	
Time Range	t-ON: 60...60 sec. t-OFF: 6...60 sec.
On Delay	
Off Delay	
Steps Number	
On Start	
Off Start	✓
Asymmetric Flasher	
Trigger	
Operating Voltage	
12 VAC/DC	
24 V AC/DC	
220 V AC	✓
18-285 VAC/DC	
Box&Mini Box Qty.	100-10 Pieces

AYD-05 | 5 Stage Dishwasher Relay



Technical Specifications	
Time Range	Washing time 30-60-90-120-180 Standby time 3 sec. No Discharge Time
On Delay	
Off Delay	
Steps Number	5
On Start	
Off Start	
Asymmetric Flasher	
Trigger	
Operating Voltage	
12 VAC/DC	
24 V AC/DC	
220 V AC	✓
18-285 VAC/DC	
Box&Mini Box Qty.	100-10 Pieces



AGZR-30 | On Delay Timer

48 Body Depth



Technical Specifications

Time Range	0,1 - 30 sec.
On Delay	✓
Off Delay	
Steps Number	
On Start	
Off Start	
Asymmetric Flasher	
Trigger	

Operating Voltage

12 VAC/DC	
24 V AC/DC	✓ (Optional)
220 V AC	✓
18-285 VAC/DC	
Box&Mini Box Qty.	100-10 Pieces

APZR-30 | On Delay Timer (8 pin)

48 Body Depth

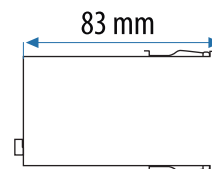
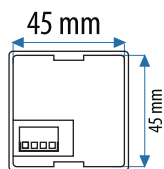
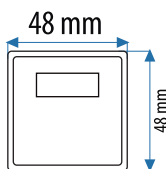
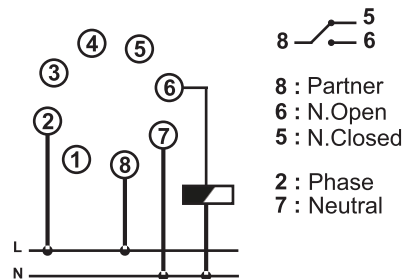
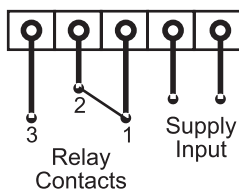


Technical Specifications

Time Range	0,1 - 30 sec.
On Delay	✓
Off Delay	
Steps Number	
On Start	
Off Start	
Asymmetric Flasher	
Trigger	

Operating Voltage

12 VAC/DC	
24 V AC/DC	✓ (Optional)
220 V AC	✓
18-285 VAC/DC	
Box&Mini Box Qty.	100-10 Pieces



AGZR-60 | On Delay Timer

48 Body Depth



Technical Specifications

Time Range	0,1 - 60 sec.
On Delay	✓
Off Delay	
Steps Number	
On Start	
Off Start	
Asymmetric Flasher	
Trigger	

Operating Voltage

12 VAC/DC	
24 V AC/DC	✓ (Optional)
220 V AC	✓
18-285 VAC/DC	
Box&Mini Box Qty.	100-10 Pieces

APZR-60 | On Delay Timer (8 pin)

48 Body Depth

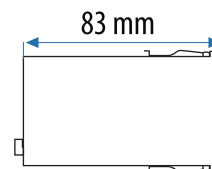
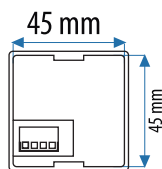
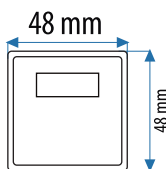
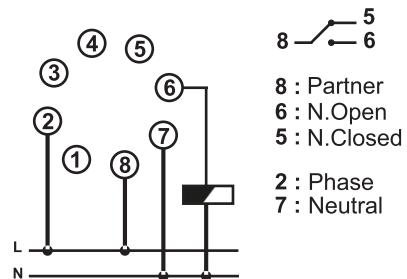
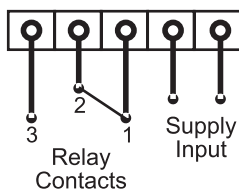


Technical Specifications

Time Range	0,1 - 60 sec.
On Delay	✓
Off Delay	
Steps Number	
On Start	
Off Start	
Asymmetric Flasher	
Trigger	

Operating Voltage

12 VAC/DC	
24 V AC/DC	✓ (Optional)
220 V AC	✓
18-285 VAC/DC	
Box&Mini Box Qty.	100-10 Pieces



AGZRU-A5 | On Delay Timer

48 Body Depth

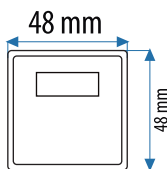
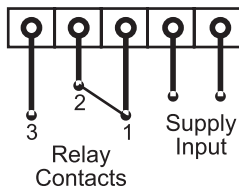


Technical Specifications

Time Range	0,1 - 100 hour
On Delay	
Off Delay	
Steps Number	8
On Start	✓
Off Start	✓
Asymmetric Flasher	✓
Trigger	

Operating Voltage

12 VAC/DC	
24 V AC/DC	
220 V AC	
18-285 VAC/DC	✓
Box&Mini Box Qty.	100-10 Pieces



APZRU-A5 | Multi-Function Timer (8 pin)

48 Body Depth

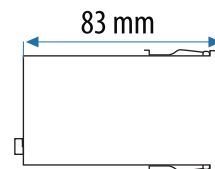
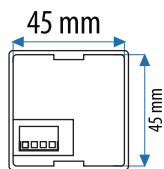
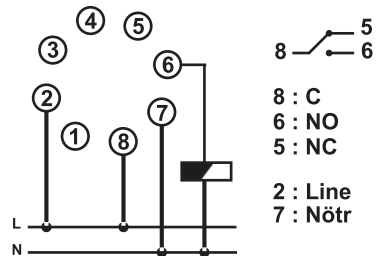


Technical Specifications

Time Range	0,1 - 100 hour
On Delay	
Off Delay	
Steps Number	8
On Start	✓
Off Start	✓
Asymmetric Flasher	✓
Trigger	

Operating Voltage

12 VAC/DC	
24 V AC/DC	
220 V AC	
18-285 VAC/DC	✓
Box&Mini Box Qty.	100-10 Pieces



AFLR | Asymmetrical Timer Relay (Digital Display)

48 Body Depth

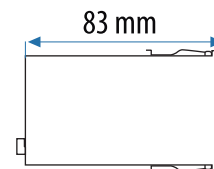
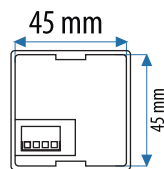
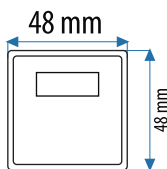
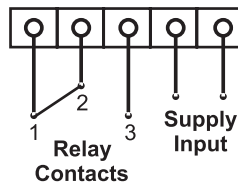


Technical Specifications

Time Range	ON :1sn - 99min Off: 1sn 99min
On Delay	
Off Delay	
Steps Number	
On Start	✓
Off Start	
Asymmetric Flasher	
Trigger	

Operating Voltage

12 VAC/DC	
24 V AC/DC	
220 V AC	✓
18-285 VAC/DC	
Box&Mini Box Qty.	100-10 Pieces





Liquid Level Control Relays



ASSR-05 | 2-100 Kohm Conductivity Adjustable



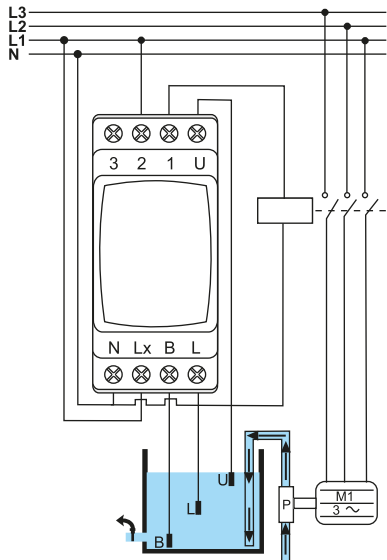
Control	
Led	✓
2-100 Kohm Conductivity Adjustment	✓
Pressure Switch Input	
Boost Output	
Input	
12 VAC/DC	
24 V AC/DC	
220 V AC	
12.....285 V AC	
Box&Mini Box Qty.	100-10 Pieces

ASSR-06M | Phase controlled, Asymmetry Off Delay, 2-100 Kohm Conductivity Adjustable

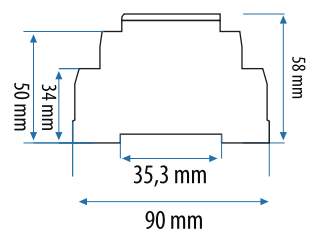
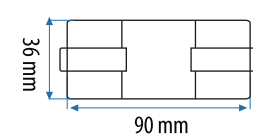
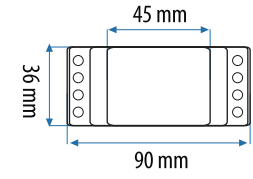
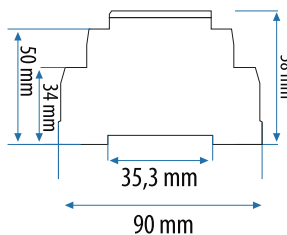
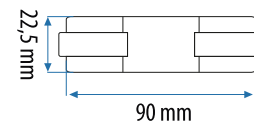
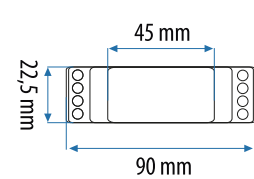


35 Body Depth

Control	
Led	
2-100 Kohm Conductivity Adjustment	
Pressure Switch Input	
Boost Output	
Input	
12 VAC/DC	
24 V AC/DC	
220 V AC	
12.....285 V AC	✓
Box&Mini Box Qty.	100-10 Pieces



Şekil 1 (Deponun doldurulması için bağlantı şekli)



ASR-8P | 2-100 Kohm Conductivity Adjustable, 8 Pin Socket

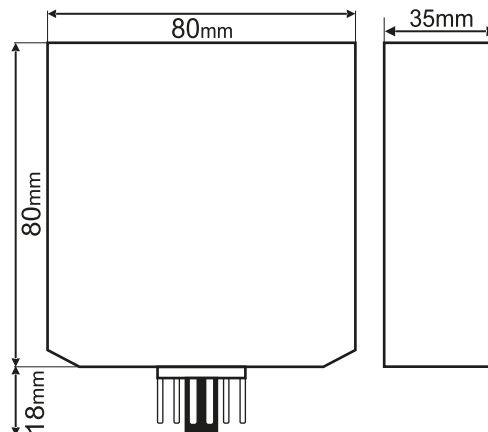
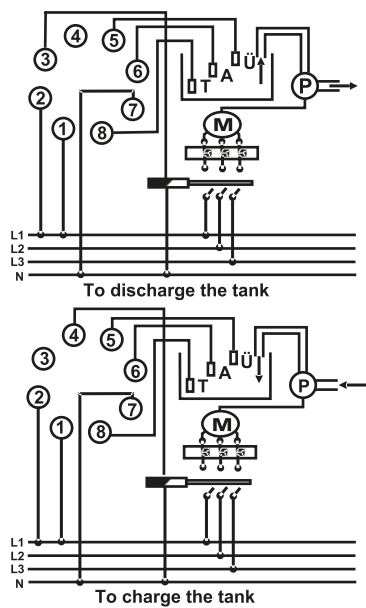


Control	
Led	✓
2-100 Kohm Conductivity Adjustment	✓
Pressure Switch Input	
Boost Output	
Input	
12 VAC/DC	
24 V AC/DC	
220 V AC	✓
12.....285 V AC	
Box&Mini Box Qty.	100-10 Pieces

ASR-11P | 2-100 Kohm Conductivity Adjustable, 11 Pin Socket



Control	
Led	✓
2-100 Kohm Conductivity Adjustment	✓
Pressure Switch Input	
Boost Output	
Input	
12 VAC/DC	
24 V AC/DC	
220 V AC	✓
12.....285 V AC	
Box&Mini Box Qty.	100-10 Pieces



ASRK | Small Electrode



Product Description
 * 150mm x 0:26 mm Stainless steel, Rubber seal, Serial cable connection
 Box&Mini Box Qty. 100-10 Pieces

ASRB | Large Electrode



Product Description
 * 150mm x 0:26mm Stainless steel, Rubber seal, Serial cable connection
 Box&Mini Box Qty. 100-10 Pieces

ASRKA | Wired Electrode



Product Description
 * 0,90mm x 0:19mm Stainless steel,
 16mm Copper connection and Heat shrink tubing
 Box&Mini Box Qty. 100-10 Pieces

Voltage Protection Relays



AGKD-11 Voltage Adjustable, Off Delay Adjustable



Control	
Three Phase	
Monophase	✓
Phase Sequence	
Phase Loss	
Asymmetry %5...%20	
Lower Limit Setting 150-210	✓
Upper Limit Setting 230-300	✓
Lower Limit Setting 260-360	
Upper Limit Setting 400-500	
On Delay 0,1 sn. - 20 sn.	
On Delay 0,1 dk. - 20 dk.	
Off Delay 0,1 sn. - 20 sn.	✓
Off Delay 0,1 dk. - 20 dk.	
T-on-Toff 0,1.....99,9	

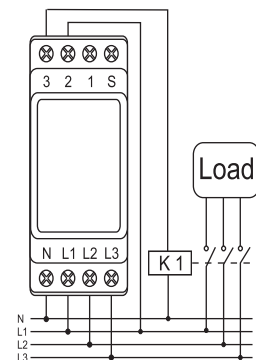
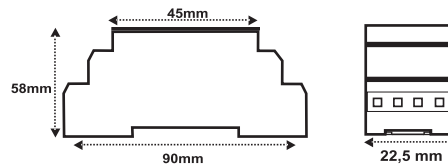
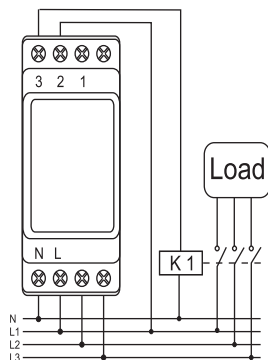
Input	
380 V AC	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces

AGKD-02 Phase Controlled, Voltage On Delay & Off Delay Adjustable



Control	
Three Phase	✓
Monophase	
Phase Sequence	✓
Phase Loss	✓
Asymmetry %5...%20	
Lower Limit Setting 150-210	✓
Upper Limit Setting 230-300	✓
Lower Limit Setting 260-360	
Upper Limit Setting 400-500	
On Delay 0,1 sn. - 20 sn.	
On Delay 0,1 dk. - 20 dk.	
Off Delay 0,1 sn. - 20 sn.	✓
Off Delay 0,1 dk. - 20 dk.	
T-on-Toff 0,1.....99,9	

Input	
380 V AC	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces



AGKD-03N No Neutral, Phase Controlled, Voltage On /Off Delay Adjustable

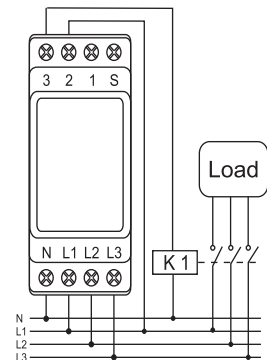
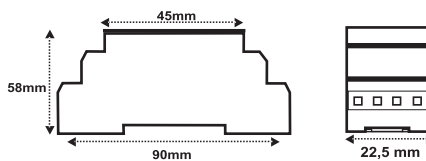
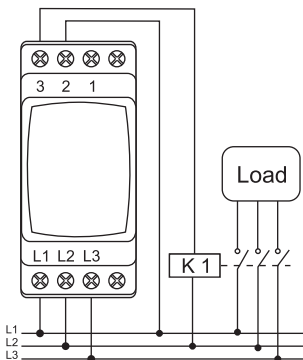


AGKD-05 Phase Controlled, Voltage On Delay & Off Delay Adjustable



Control	
Three Phase	✓
Monophase	
Phase Sequence	✓
Phase Loss	✓
Asymmetry %5...%20	
Lower Limit Setting 150-210	
Upper Limit Setting 230-300	
Lower Limit Setting 260-360	✓
Upper Limit Setting 400-500	✓
On Delay 0,1 sn. - 20 sn.	✓
On Delay 0,1 dk. - 20 dk.	
Off Delay 0,1 sn. - 20 sn.	✓
Off Delay 0,1 dk. - 20 dk.	
T-on-Toff 0,1.....99,9	
Input	
380 V AC	✓
220 V AC	
Box&Mini Box Qty.	100-10 Pieces

Control	
Three Phase	✓
Monophase	
Phase Sequence	✓
Phase Loss	✓
Asymmetry %5...%20	
Lower Limit Setting 150-210	✓
Upper Limit Setting 230-300	✓
Lower Limit Setting 260-360	
Upper Limit Setting 400-500	
On Delay 0,1 sn. - 20 sn.	✓
On Delay 0,1 dk. - 20 dk.	✓
Off Delay 0,1 sn. - 20 sn.	✓
Off Delay 0,1 dk. - 20 dk.	✓
T-on-Toff 0,1.....99,9	
Input	
380 V AC	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces



AGD-04 | Phase Controlled, Voltage Adjustable, Off Delay Adjustable

35 Body Depth

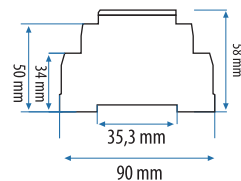
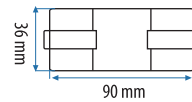
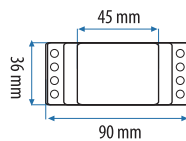
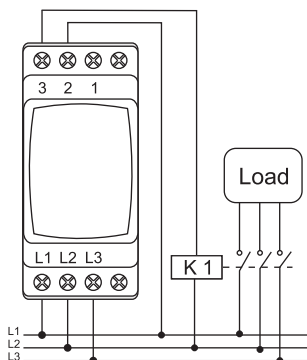


Control

Three Phase	✓
Monophase	
Phase Sequence	✓
Phase Loss	✓
Asymmetry %5...%20	
Lower Limit Setting 150-210	✓
Upper Limit Setting 230-300	✓
Lower Limit Setting 260-360	
Upper Limit Setting 400-500	
On Delay 0,1 sn. - 20 sn.	✓
On Delay 0,1 dk. - 20 dk.	
Off Delay 0,1 sn. - 20 sn.	✓
Off Delay 0,1 dk. - 20 dk.	
T-on-Toff 0,1.....99,9	

Input

380 V AC	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces



ADGK-01 Monophase Over - Under Voltage Control Relay



ADGK-03 Three Phase Over - Under Voltage Control Relay



Control	
Three Phase	
Monophase	✓
Phase-Phase	
Phase-Neutral	✓
Phase Loss	
Phase Sequence	
Ptc Protection	
Asymmetry	
Over & Under Voltage Adjustment	✓
Input	
Off Delay 0,1 sn. - 20 sn.	
On Delay 0,1 sn. - 20 sn.	✓
Off Delay 0,1 dk. - 20 dk.	
On Delay 0,1 dk. - 20 dk.	
380 V AC	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces

Control	
Three Phase	✓
Monophase	
Phase-Phase	✓
Phase-Neutral	✓
Phase Loss	✓
Phase Sequence	
Ptc Protection	
Asymmetry	% 5 - % 20
Over & Under Voltage Adjustment	✓
Input	
Off Delay 0,1 sn. - 20 sn.	
On Delay 0,1 sn. - 20 sn.	✓
Off Delay 0,1 dk. - 20 dk.	
On Delay 0,1 dk. - 20 dk.	
380 V AC	✓
220 V AC	
Box&Mini Box Qty.	100-10 Pieces

ADGK-05 | Three Phase Over - Under Voltage Control Relay



Control	
Three Phase	✓
Monophase	
Phase-Phase	✓
Phase-Neutral	✓
Phase Loss	✓
Phase Sequence	
Ptc Protection	
Over & Under Voltage Adjustment	✓
On Delay 0,1 sn. - 20 sn.	✓

ADGK-05F | Three Phase Over - Under Voltage Control Relay



Control	
Three Phase	✓
Monophase	
Phase-Phase	✓
Phase-Neutral	✓
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	
Over & Under Voltage Adjustment	✓
On Delay 0,1 sn. - 20 sn.	✓

ADGK-05FP | Three Phase Over - Under Voltage Control Relay



Control	
Three Phase	✓
Monophase	
Phase-Phase	✓
Phase-Neutral	✓
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	✓
Over & Under Voltage Adjustment	✓
On Delay 0,1 sn. - 20 sn.	✓



Motor (Phase) Protection Relays



AFKR-05F Phase Controlled, Asymmetry Adjustable, Off Delay

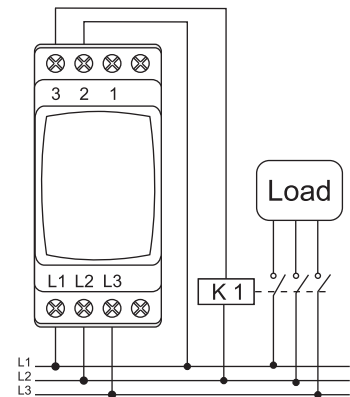
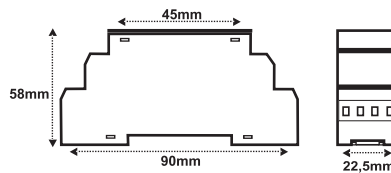
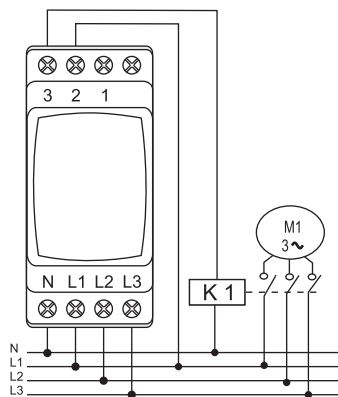


AFKR-06 No Neutral, Asymmetry, Voltage Adjustment, Off Delay, On Delay



Control	
Three Phase	✓
Monophase	
Phase-Phase	✓
Phase-Neutral	
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	
Asymmetry	% 5 - % 15
Over & Under Voltage Adjustment	
Input	
Off Delay 0,1 sn. - 20 sn.	✓
On Delay 0,1 sn. - 20 sn.	
Off Delay 0,1 dk. - 20 dk.	
On Delay 0,1 dk. - 20 dk.	
380 V AC	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces

Control	
Three Phase	✓
Monophase	
Phase-Phase	✓
Phase-Neutral	
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	✓
Asymmetry	% 5 - % 15
Over & Under Voltage Adjustment	% 5 - % 30
Input	
Off Delay 0,1 sn. - 20 sn.	✓
On Delay 0,1 sn. - 20 sn.	✓
Off Delay 0,1 dk. - 20 dk.	✓
On Delay 0,1 dk. - 20 dk.	✓
380 V AC	✓
220 V AC	
Box&Mini Box Qty.	100-10 Pieces



AFKR-03 | Phase Controlled, Asymmetry

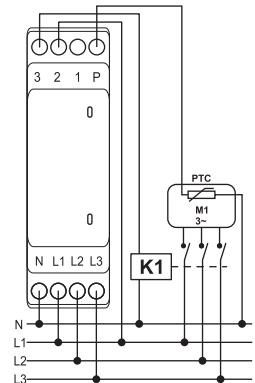
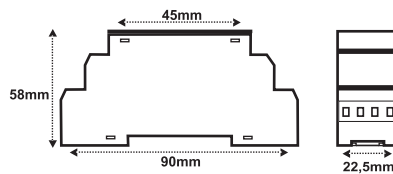
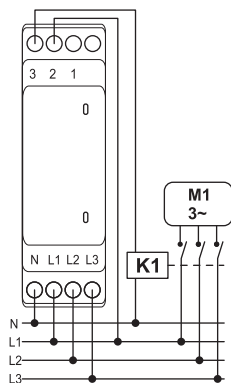


Control	
Three Phase	✓
Monophase	
Phase-Phase	
Phase-Neutral	✓
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	
Asymmetry	% 40
Over & Under Voltage Adjustment	
Input	
Off Delay 0,1 sn. - 20 sn.	
On Delay 0,1 sn. - 20 sn.	
Off Delay 0,1 dk. - 20 dk.	
On Delay 0,1 dk. - 20 dk.	
380 V AC	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces

AFKR-14P | PTC, Phase Controlled, Asymmetry



Control	
Three Phase	✓
Monophase	
Phase-Phase	
Phase-Neutral	✓
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	✓
Asymmetry	% 40
Over & Under Voltage Adjustment	
Input	
Off Delay 0,1 sn. - 20 sn.	
On Delay 0,1 sn. - 20 sn.	
Off Delay 0,1 dk. - 20 dk.	
On Delay 0,1 dk. - 20 dk.	
380 V AC	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces



AFKR-11 Phase Controlled, Asymmetry

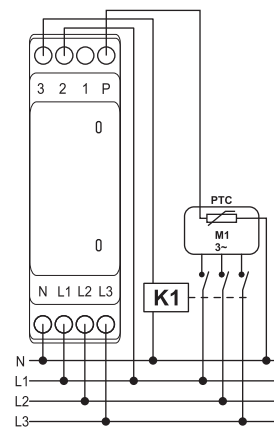
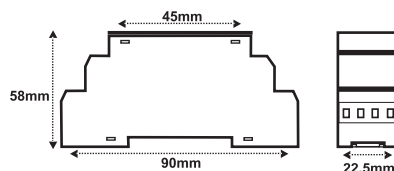
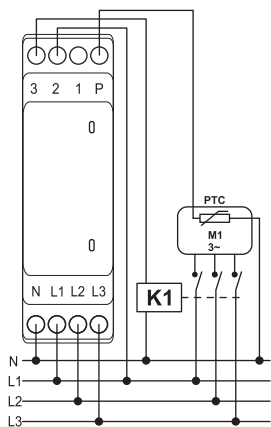


Control	
Three Phase	✓
Monophase	
Phase-Phase	
Phase-Neutral	✓
Phase Loss	✓
Phase Sequence	
Ptc Protection	
Asymmetry	% 40
Over & Under Voltage Adjustment	
Input	
Off Delay 0,1 sn. - 20 sn.	
On Delay 0,1 sn. - 20 sn.	
Off Delay 0,1 dk. - 20 dk.	
On Delay 0,1 dk. - 20 dk.	
380 V AC	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces

AFKD-03N No Neutral, Phase Controlled, Asymmetry



Control	
Three Phase	✓
Monophase	
Phase-Phase	✓
Phase-Neutral	
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	
Asymmetry	% 15
Over & Under Voltage Adjustment	
Input	
Off Delay 0,1 sn. - 20 sn.	
On Delay 0,1 sn. - 20 sn.	
Off Delay 0,1 dk. - 20 dk.	
On Delay 0,1 dk. - 20 dk.	
380 V AC	✓
220 V AC	
Box&Mini Box Qty.	100-10 Pieces



▶ AFK-03 | Phase Controlled, Asymmetry

35 Body Depth



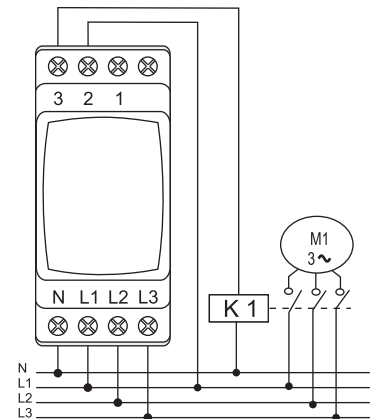
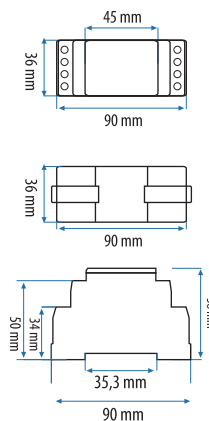
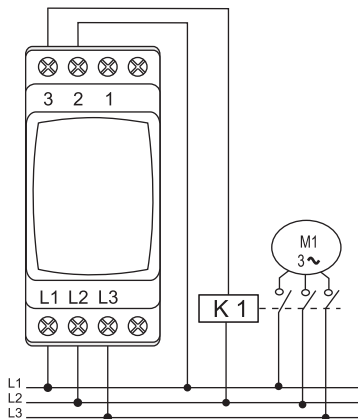
Control	
Three Phase	✓
Monophase	
Phase-Phase	
Phase-Neutral	✓
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	
Asymmetry	% 30
Over & Under Voltage Adjustment	
Input	
Off Delay 0,1 sn. - 20 sn.	
On Delay 0,1 sn. - 20 sn.	
Off Delay 0,1 dk. - 20 dk.	
On Delay 0,1 dk. - 20 dk.	
380 V AC	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces

▶ AFK-05 | Phase Controlled, Asymmetry Adjustable, Off Delay

35 Body Depth



Control	
Three Phase	✓
Monophase	
Phase-Phase	✓
Phase-Neutral	
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	
Asymmetry	% 5 - % 15
Over & Under Voltage Adjustment	
Input	
Off Delay 0,1 sn. - 20 sn.	✓
On Delay 0,1 sn. - 20 sn.	
Off Delay 0,1 dk. - 20 dk.	
On Delay 0,1 dk. - 20 dk.	
380 V AC	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces



AFM N 8P No Neutral, PTC, Phase Controlled, Asymmetry, 8 Pin Socket



AFM N 11P No Neutral, PTC, Phase Controlled, Asymmetry, 11 Pin Socket



Control	
Three Phase	✓
Monophase	
Phase-Phase	✓
Phase-Neutral	
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	
Asymmetry	% 5 - % 15
Over & Under Voltage Adjustment	
Input	
Off Delay 0,1 sn. - 20 sn.	✓
24....285 V AC	
380 V AC	✓
220 V AC	
Box&Mini Box Qty.	100-10 Pieces

Control	
Three Phase	✓
Monophase	
Phase-Phase	✓
Phase-Neutral	
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	
Asymmetry	% 9,5 - % 15
Over & Under Voltage Adjustment	
Input	
Off Delay 0,1 sn. - 20 sn.	✓
24....285 V AC	
380 V AC	✓
220 V AC	
Box&Mini Box Qty.	100-10 Pieces



▶ ADFK-01F | Three Phase Phase Protection Relay



Control	
Three Phase	✓
Monophase	
Phase-Phase	
Phase-Neutral	✓
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	
Asymmetry	% 5 - % 20
Over & Under Voltage Adjustment	
Input	
Off Delay 0,1 sn. - 20 sn.	✓
On Delay 0,1 sn. - 20 sn.	✓
Off Delay 0,1 dk. - 20 dk.	
On Delay 0,1 dk. - 20 dk.	
380 V AC	✓
220 V AC	
Box&Mini Box Qty.	100-10 Pieces

▶ ADFK-01FP | Three Phase Phase Protection Relay



Control	
Three Phase	✓
Monophase	
Phase-Phase	
Phase-Neutral	✓
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	✓
Asymmetry	% 5 - % 20
Over & Under Voltage Adjustment	
Input	
Off Delay 0,1 sn. - 20 sn.	✓
On Delay 0,1 sn. - 20 sn.	✓
Off Delay 0,1 dk. - 20 dk.	
On Delay 0,1 dk. - 20 dk.	
380 V AC	✓
220 V AC	
Box&Mini Box Qty.	100-10 Pieces

▶ ADFK-05F Three Phase Asymmetry Adjustable Phase Protection Relay



▶ ADFK-05FP Three Phase Asymmetry Adjustable Phase Protection Relay



Control	
Three Phase	✓
Monophase	
Phase-Phase	
Phase-Neutral	✓
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	
Asymmetry	% 5 - % 25
Over & Under Voltage Adjustment	
Input	
Off Delay 0,1 sn. - 20 sn.	✓
On Delay 0,1 sn. - 20 sn.	✓
Off Delay 0,1 dk. - 20 dk.	
On Delay 0,1 dk. - 20 dk.	
380 V AC	✓
220 V AC	
Box&Mini Box Qty.	100-10 Pieces

Control	
Three Phase	✓
Monophase	
Phase-Phase	
Phase-Neutral	✓
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	✓
Asymmetry	% 5 - % 25
Over & Under Voltage Adjustment	
Input	
Off Delay 0,1 sn. - 20 sn.	✓
On Delay 0,1 sn. - 20 sn.	✓
Off Delay 0,1 dk. - 20 dk.	
On Delay 0,1 dk. - 20 dk.	
380 V AC	✓
220 V AC	
Box&Mini Box Qty.	100-10 Pieces

▶ AFMK | Phase Controlled, Asymmetry Adjustable, Off Delay 2-100 Kohm Conductivity Adjustable

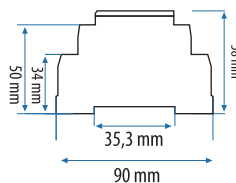
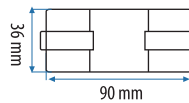
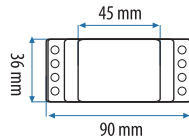


Control

Three Phase	✓
Monophase	
Phase-Phase	✓
Phase-Neutral	
Phase Loss	✓
Phase Sequence	✓
Ptc Protection	
Asymmetry	% 9,5 - % 15
Over & Under Voltage Adjustment	

Input

Off Delay 0,1 sn. - 20 sn.	✓
24.....285 V AC	✓
380 V AC	
220 V AC	
Box&Mini Box Qty.	100-10 Pieces



▶ AFR | 1...10 Lux Adjustable



Control	
1-3 Lux Adjustable	
1-10 Lux Adjustable	✓
Manual	
With Relay Output	✓
Fuse Protected	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces

▶ AFG | Sensor

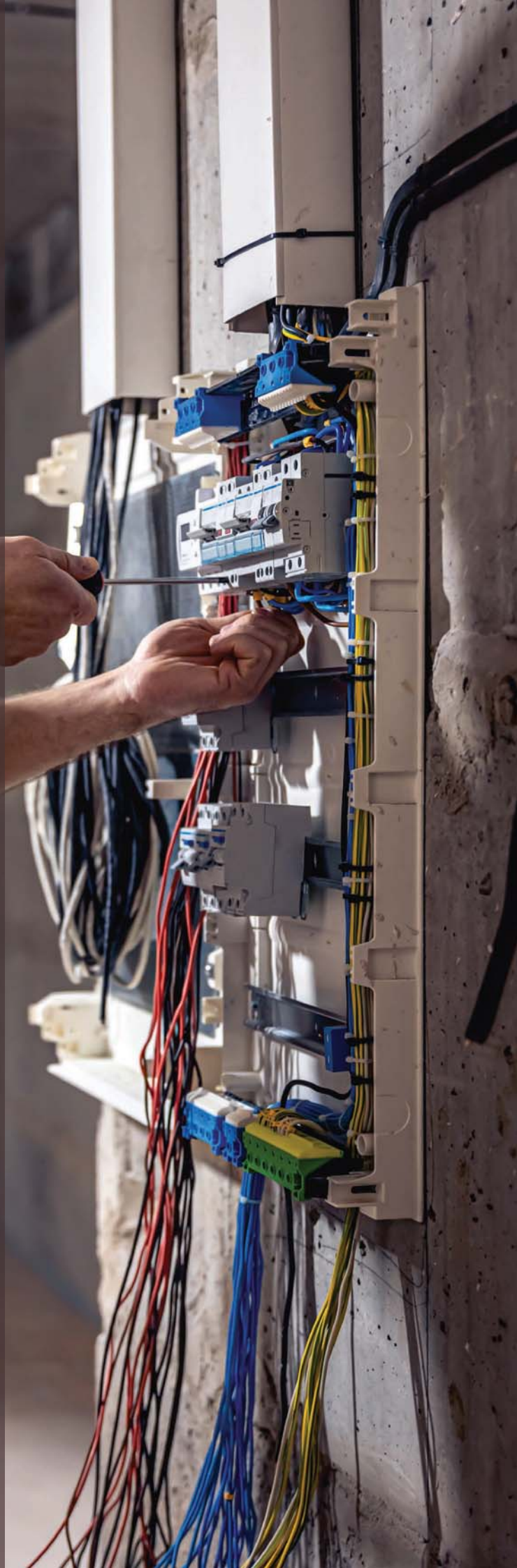


Control	
1-3 Lux Adjustable	
1-10 Lux Adjustable	
Manual	
With Relay Output	
Fuse Protected	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces

▶ AFR 03 | 3 Lux constant, Unisolated Supply



Control	
1-3 Lux Adjustable	
1-10 Lux Adjustable	
Manual	
With Relay Output	✓
Fuse Protected	
220 V AC	✓
Box&Mini Box Qty.	100-10 Pieces



Panel and Accessories



Code	Description	Box Quantity
PVC Cable Trunkings		
A1100	210x280x130 mm ABS Panel	1
A1105	250x330x140 mm ABS Panel	1
A1110	300x400x170 mm ABS Panel	1
A1115	300x400x210 mm ABS Panel	1
A1120	350x500x220 mm ABS Panel	1
A1125	400x500x180 mm ABS Panel	1
A1130	400x600x200 mm ABS Panel	1
A1135	500x700x250 mm ABS Panel	1
A1140	800x600x260 mm ABS Panel	1



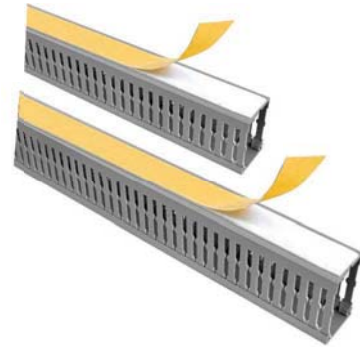
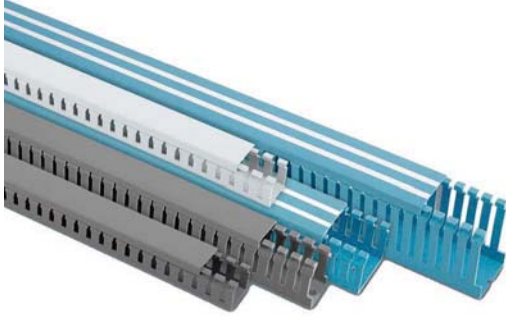
Code	Description	Box Quantity
PVC Cable Trunkings		
A1145	210x280x130 mm PC Panel	1
A1150	250x330x140 mm PC Panel	1
A1155	300x400x170 mm PC Panel	1
A1160	300x400x210 mm PC Panel	1
A1165	350x500x220 mm PC Panel	1
A1170	400x500x180 mm PC Panel	1
A1175	400x600x200 mm PC Panel	1
A1180	500x700x250 mm PC Panel	1
A1185	800x600x260 mm PC Panel	1



Order Code	Description	Lenght	Box Pcs.
Metal Panel Rails (35 mm x 7,5 mm) / 1 mm			
A3040	DIN Rails	30 cm	40
A3045	DIN Rails	1 m	40
A3050	DIN Rails	2 m	40
A3055	DIN Rails	3 m	40
Slotted Metal Panel Rails with Montage Holes (35 mm x 7,5 mm) / 1 mm			
A3060	DIN Rails with Montage Holes	30 cm	40
A3065	DIN Rails with Montage Holes	1 m	40
A3070	DIN Rails with Montage Holes	2 m	40
A3075	DIN Rails with Montage Holes	3 m	40



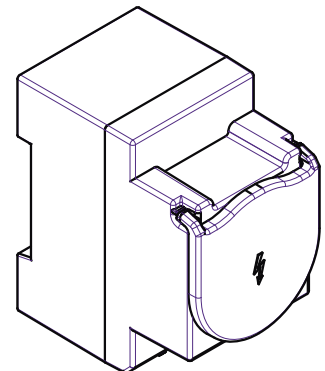
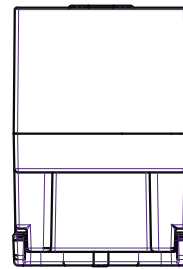
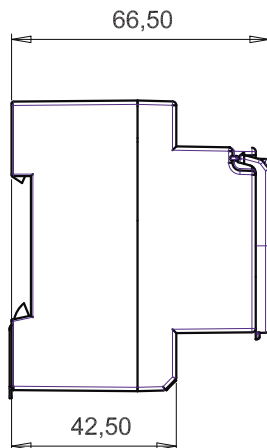
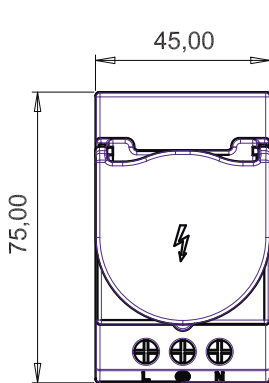
Aluminium Rail Holder (35 mm x 7,5 mm)		
A3180	Rail Holder	100



A2711



A2713



Code	Description	Box Mt.
PVC Slotted Cable Trunkings		
A5300	PVC Slotted Cable Trunking 25*25	100
A5301	PVC Slotted Cable Trunking 25*40	84
A5302	PVC Slotted Cable Trunking 40*40	80
A5303	PVC Slotted Cable Trunking 40*60	60
A5304	PVC Slotted Cable Trunking 60*60	32
A5305	PVC Slotted Cable Trunking 60*80	24
A5306	PVC Slotted Cable Trunking 80*60	24

Code	Description	Box Mt
Adhasive PVC Slotted Cable Trunkings		
A5307	Adhasive PVC Slotted Cable Trunking 25*25	100
A5308	Adhasive PVC Slotted Cable Trunking 25*40	84
A5309	Adhasive PVC Slotted Cable Trunking 40*40	80
A5310	Adhasive PVC Slotted Cable Trunking 40*60	60
A5311	Adhasive PVC Slotted Cable Trunking 60*60	32
A5312	Adhasive PVC Slotted Cable Trunking 60*80	24
A5313	Adhasive PVC Slotted Cable Trunking 80*60	24

Code	Description	Box Pieces
Adhasive PVC Slotted Cable Trunkings		
A2711	Rail Socket IP20 16A. 250V	216
A2713	Rail Socket With French Type IP20 16A. 250V	216



Insulation Piercing Connectors



Order Code	Description
New A2200	AER Insulation Piercing Connector 95-35 mm Al 2,5 - 50 mm Cu
New A2205	AER Insulation Piercing Connector 150-50 mm Al 16 - 95 mm Cu
New A2210	AER 2 Insulation Piercing Connector 150-50 mm Al 16 - 95 mm Cu

New

SOCKETED CONNECTORS

TERMINAL STRIPS



Socketed Connectors

Order Code	Description	Box Pcs.
A2215	White 12 pole	50
A2220	Black 12 pole	50
A2225	White 2 pole	50
A2230	White 3 pole	50
A2235	Black 2 pole	50
A2240	Black 3 pole	50

Inter Connectable Moduls

A2245	White 2 pole connectable	50
A2250	White 3 pole connectable	50
A2255	Black 2 pole connectable	50
A2260	Black 3 pole connectable	50

Heat Resist Terminal Strips (13 C°, Blue, Screw Blocage)

Order Code	Description	mm ²	Pool	Ap.	Box Pcs.
A2350	No.1	2.5-4	12	32	1000
A2355	No.2	4-6	12	41	1000
A2360	No.3	6-10	10	57	600
A2365	No.4	10-16	6	76	600
A2370	No.5	16-25	6	101	600





Order Code	Cable Size	C1(0,2)	C2(0,2)	D1(0,1)	D3(0,1)	D2(0,1) metric	L(0,5)	Box Pcs.
A3340	6	5,5	5,5	4	5,5	5	27,5	500
A3345	6	5,5	5,5	4	5,5	6	27,5	500
A3350	10	6,5	6,5	4,7	6,6	5	28,5	500
A3355	10	6,5	6,5	4,7	6,6	6	28,5	500
A3360	10	6,5	6,5	4,7	6,6	8	28,5	500
A3365	16	6,5	6,5	5,6	7,8	5	35	300
A3370	16	6,5	6,5	5,6	7,8	6	35	300
A3375	16	6,5	6,5	5,6	7,8	8	35	300
A3380	25	8,5	8,5	7	9	6	40,5	300
A3385	25	8,5	8,5	7	9	8	40,5	300
A3390	25	8,5	8,5	7	9	10	40,5	300
A3395	35	8,5	8,5	8,2	10,7	8	44,5	200
A3400	35	8,5	8,5	8,2	10,7	10	44,5	200
A3405	35	8,5	8,5	8,2	10,7	6	44,5	200
A3410	50	10	10	10	12,5	8	51	150
A3415	50	10	10	10	12,5	10	51	150
A3420	50	10	10	10	12,5	12	51	150
A3425	70	11	11	11,5	14,5	8	59	100
A3430	70	11	11	11,5	14,5	10	59	100
A3435	70	11	11	11,5	14,5	12	59	100
A3440	95	12	12	13,5	16,5	10	64	60
A3445	95	12	12	13,5	16,5	12	64	60
A3450	95	12	12	13,5	16,5	14	64	60
A3455	120	13	13	15	18	10	70	50
A3460	120	13	13	15	18	12	70	50
A3465	120	13	13	15	18	14	70	50
A3470	150	17	17	16,5	20	12	80	40
A3475	150	17	17	16,5	20	14	80	40
A3480	150	17	17	16,5	20	16	80	40
A3485	185	17	17	18,2	22,2	12	90	24
A3490	185	17	17	18,2	22,2	14	90	24
A3495	185	17	17	18,2	22,2	16	90	24
A3500	240	19	19	21	25,4	12	100	24
A3505	240	19	19	21	25,4	14	100	24
A3510	240	19	19	21	25,4	16	100	24
A3515	300	24	24	23,4	27	20	110	15
A3520	400	24	24	26,8	32	20	125	10
A3525	500	28	28	29,8	37,8	20	134	10
A3530	630							
A3535	800							





Code	Description	Box Pieces
1 Pole Distribution Unit With Cover (7x12 mm. 125A)		
A2511	2+5 Distribution Unit	75
A2512	2+8 Distribution Unit	60
A2513	2+10 Distribution Unit	55
A2514	2+13 Distribution Unit	35
A2515	2+18 Distribution Unit	35



Code	Description	Box Pieces
2 Pole Distribution Unit With Cover (7x12 mm. 125A)		
A2516	2+5 Distribution Unit	22
A2517	2+8 Distribution Unit	15
A2518	2+10 Distribution Unit	14
A2519	2+13 Distribution Unit	12
A2520	2+18 Distribution Unit	6
A2521	2+20 Distribution Unit	6



Code	Description	Box Pieces
4 Pole Distribution Unit With Cover (7x12 mm. 125A)		
A2522	2+5 Distribution Unit	10
A2523	2+8 Distribution Unit	8
A2524	2+10 Distribution Unit	6
A2525	2+13 Distribution Unit	5
A2526	2+18 Distribution Unit	4
A2527	2+20 Distribution Unit	4
A2528	2+23 Distribution Unit	4



Code	Description	Box Pieces
4 Pole Distribution Unit With Cover (10x15 mm. 160A)		
A2529	2+5 Distribution Unit	12
A2530	2+8 Distribution Unit	8
A2531	2+10 Distribution Unit	8
A2532	2+13 Distribution Unit	6
A2533	2+18 Distribution Unit	4

Code	Description	Box Pieces
5 Pole Distribution Unit With Cover (10x15 mm. 160A)		
A2534	2+5 Distribution Unit	8
A2535	2+8 Distribution Unit	4
A2536	2+10 Distribution Unit	4
A2537	2+13 Distribution Unit	4
A2538	2+18 Distribution Unit	3



Order Code	Description	Clamping Area (mm)	Conductives Can Be Used	Box Pcs.
------------	-------------	--------------------	-------------------------	----------

New Parallel Groove Al/Cu Branch Connectors (New Improved) **New**



A2020	A50 B25	6-50 Al/1,5-25 Cu	Rose, Lily, Swallow, Sparrow, Rabinone, Pansy, Poppy	100
A2025	A120 B50	16-120 Al/10-70 Cu	Rose, Lily, Swallow, Sparrow, Rabinone, Pansy, Poppy, Aster, Phlox, Oxlip, Raven, Pigeon	50
A2030	A240 B120	70-240 Al/70-240 Cu	Daisy, Peony, Tulip, Canna, Phlox, Oxlip, Patridge, Ostrich, Hawk, Pigeon	25

New Parallel groove Al/Al Connector (New Improved) **New**



A2035	A50 A50	6-50 Al/6-50 Al	Rose, Lily, Swallow, Sparrow, Rabinone, Pansy, Poppy	100
A2040	A120 A120	16-120 Al/16-120 Al	Rose, Lily, Swallow, Sparrow, Rabinone, Pansy, Poppy, Aster, Phlox, Rabinone, Oxlip, Raven, Pigeon	50
A2045	A240 A240	70-240 Al/70-240 Al	Daisy, Peony, Tulip, Canna, Phlox Oxlip, Patridge, Ostrich, Hawk, Pigeon	25

New Stopper Al/Al Connector (New Improved) **New**

A2050	A16 A120	16-120 Al /16-120 Al	Rose, Lily, Swallow, Sparrow, Rabinone, Pansy, Poppy, Phlox, Aster, Oxlip, Raven, Pigeon	100
-------	----------	----------------------	--	-----

Parallel Groove Al/Cu Branch Connectors



A2055	A25 B16	6-25 Al/2,5-16 Cu	Rose, Lily, Swallow	100
A2060	A40 B25	16-40 Al/10-25 Cu	Rose, Lily, Swallow, Sparrow	100
A2065	A70 B50	16-70 Al/10-50 Cu	Rose, Lily, Swallow, Sparrow	50
A2070	A120 B70	7-120 Al/10-70 Cu	Pansy, Aster, Phlox, Oxlip, Raven, Pigeon	50
A2075	A240 B120	7-240 Al/70-240 Cu	Daisy, Peony, Tulip, Canna, Patridge, Ostrich, Hawk	25
A2080	A240 B240	240 Al/240 Cu	Daisy, Peony, Tulip, Canna, Patridge, Ostrich, Hawk	25

Parallel Groove Al/Al Connector



A2085	A16 A16	6-16	Rose	100
A2090	A25 A25	6-25	Rose	100
A2095	A40 A40	16-40	Rose, Lily, Swallow, Sparrow, Rabinone, Pansy, Poppy	100
A2100	A70 A70	16-70	Rose, Lily, Swallow, Sparrow, Rabinone, Pansy, Poppy	50
A2105	A120 A120	40-120	Aster, Phlox, Rabinone, Oxlip, Raveni Pigeon, Poppy	50
A2110	A240 A240	70-240	Daisy, Peony, Tulip, Canna, Phlox Oxlip, Patridge, Ostrich, Hawk Pigeon	25

Stopper Al/Al Connector

A2115	A16 A50	16-50	Rose, Lily, Swallow, Sparrow, Rabinone, Pansy, Poppy	100
A2120	A50 A95	50-95	Lily, Swallow, Sparrow, Rabinone, Pansy, Poppy Phlox	50



Code	Description	Box Mt.
PVC Cable Trunkings		
A5200	PVC Cable Trunking 12*12	378
A5201	PVC Cable Trunking 15*10	340
A5202	PVC Cable Trunking 16*16	266
A5203	PVC Cable Trunking 20*10	240
A5204	PVC Cable Trunking 25*16	168
A5205	PVC Cable Trunking 25*25	130
A5206	PVC Cable Trunking 40*16	98
A5207	PVC Cable Trunking 40*25	80
A5208	PVC Cable Trunking 40*40	72
A5209	PVC Cable Trunking 60*40	48
A5210	PVC Cable Trunking 60*60	40
A5211	PVC Cable Trunking 80*40	36
A5212	PVC Cable Trunking 80*60	32
A5213	PVC Cable Trunking 100*40	28
A5214	PVC Cable Trunking 100*60	24
A5215	PVC Cable Trunking 100*50	24

Code	Description	Box Mt.
Adhasive PVC Cable Trunkings		
A5220	Adhasive PVC Cable Trunking 12*12	378
A5221	Adhasive PVC Cable Trunking 15*10	340
A5222	Adhasive PVC Cable Trunking 16*16	266
A5223	Adhasive PVC Cable Trunking 20*10	240
A5224	Adhasive PVC Cable Trunking 25*16	168
A5225	Adhasive PVC Cable Trunking 25*25	130
A5226	Adhasive PVC Cable Trunking 40*16	98
A5227	Adhasive PVC Cable Trunking 40*25	80
A5228	Padhasive VC Cable Trunking 40*40	72
A5229	Adhasive PVC Cable Trunking 60*40	48
A5230	Adhasive PVC Cable Trunking 60*60	40

Cam Switches

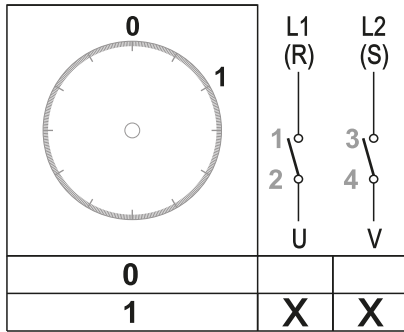


1 Pole, On Off Switch



Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5010/10	AK5010/10	1x10	49x49	10
AS5015/16	AK5015/16	1x16	66x66	10
AS5020/20	AK5020/20	1x20	66x66	10
AS5025/25	AK5025/25	1x25	66x66	10
AS5030/32	AK5030/32	1x32	66x66	10
AS5035/40	AK5035/40	1x40	90x90	6
AS5040/50	AK5040/50	1x50	90x90	6
AS5045/63	AK5045/63	1x63	90x90	6
AS5050/80	AK5050/80	1x80	90x90	6
AS5055/100	AK5055/100	1x100	90x90	6
AS5060/115	AK5060/115	1x115	90x90	6
AS5065/125	AK5065/125	1x125	90x90	6

2 Pole, On Off Switch



Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5070/10	AK5070/10	2x10	49x49	10
AS5075/16	AK5075/16	2x16	66x66	10
AS5080/20	AK5080/20	2x20	66x66	10
AS5085/25	AK5085/25	2x25	66x66	10
AS5090/32	AK5090/32	2x32	66x66	10
AS5095/40	AK5095/40	2x40	90x90	6
AS5100/50	AK5100/50	2x50	90x90	6
AS5105/63	AK5105/63	2x63	90x90	6
AS5110/80	AK5110/80	2x80	90x90	6
AS5115/100	AK5115/100	2x100	90x90	6
AS5120/115	AK5120/115	2x115	90x90	6
AS5125/125	AK5125/125	2x125	90x90	6

3 Pole, On Off Switch



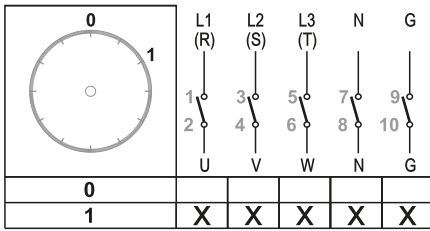
Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5130/10	AK5130/10	3x10	49x49	10
AS5135/16	AK5135/16	3x16	66x66	10
AS5140/20	AK5140/20	3x20	66x66	10
AS5145/25	AK5145/25	3x25	66x66	10
AS5150/32	AK5150/32	3x32	66x66	10
AS5155/40	AK5155/40	3x40	90x90	6
AS5160/50	AK5160/50	3x50	90x90	6
AS5165/63	AK5165/63	3x63	90x90	6
AS5170/80	AK5170/80	3x80	90x90	6
AS5175/100	AK5175/100	3x100	90x90	6
AS5180/115	AK5180/115	3x115	90x90	6
AS5185/125	AK5185/125	3x125	90x90	6
AS5190/160	AK5190/160	3x160	90x90	2
AS5195/200	AK5195/200	3x200	90x90	2
AS5200/250	AK5200/250	3x250	90x90	2
AS5205/315	AK5205/315	3x315	90x90	2

4 Pole, On Off Switch



Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5210/10	AK5210/10	4x10	49x49	10
AS5215/16	AK5215/16	4x16	66x66	10
AS5220/20	AK5220/20	4x20	66x66	10
AS5225/25	AK5225/25	4x25	66x66	10
AS5230/32	AK5230/32	4x32	66x66	10
AS5235/40	AK5235/40	4x40	90x90	6
AS5240/50	AK5240/50	4x50	90x90	6
AS5245/63	AK5245/63	4x63	90x90	6
AS5250/80	AK5250/80	4x80	90x90	6
AS5255/100	AK5255/100	4x100	90x90	6
AS5260/115	AK5260/115	4x115	90x90	6
AS5265/125	AK5265/125	4x125	90x90	6
AS5270/160	AK5270/160	4x160	90x90	2
AS5275/200	AK5275/200	4x200	90x90	2
AS5280/250	AK5280/250	4x250	90x90	2
AS5285/315	AK5285/315	4x315	90x90	2

5 Pole, On Off Switch



Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5290/10	AK5290/10	5x10	49x49	10
AS5295/16	AK5295/16	5x16	66x66	10
AS5300/20	AK5300/20	5x20	66x66	10
AS5305/25	AK5305/25	5x25	66x66	10
AS5310/32	AK5310/32	5x32	66x66	10
AS5315/40	AK5315/40	5x40	90x90	6
AS5320/50	AK5320/50	5x50	90x90	6
AS5325/63	AK5325/63	5x63	90x90	6
AS5330/80	AK5330/80	5x80	90x90	6
AS5335/100	AK5335/100	5x100	90x90	6

6 Pole, On Off Switch

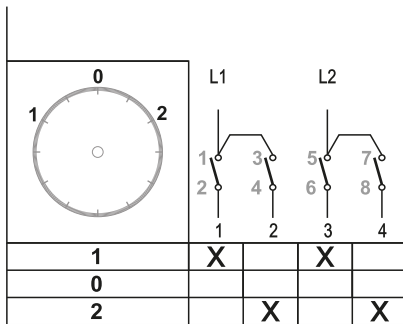
Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5340/10	AK5340/10	6x10	49x49	10
AS5345/16	AK5345/16	6x16	66x66	10
AS5350/20	AK5350/20	6x20	66x66	10
AS5355/25	AK5355/25	6x25	66x66	10
AS5360/32	AK5360/32	6x32	66x66	10
AS5365/40	AK5365/40	6x40	90x90	6
AS5370/50	AK5370/50	6x50	90x90	6
AS5375/63	AK5375/63	6x63	90x90	6
AS5380/80	AK5380/80	6x80	90x90	6
AS5385/100	AK5385/100	6x100	90x90	6

1 Pole, Change Over Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5390/10	AK5390/10	1x10	49x49	10
AS5395/16	AK5395/16	1x16	66x66	10
AS5400/20	AK5400/20	1x20	66x66	10
AS5405/25	AK5405/25	1x25	66x66	10
AS5410/32	AK5410/32	1x32	66x66	10
AS5415/40	AK5415/40	1x40	90x90	6
AS5420/50	AK5420/50	1x50	90x90	6
AS5425/63	AK5425/63	1x63	90x90	6
AS5430/80	AK5430/80	1x80	90x90	6
AS5435/100	AK5435/100	1x100	90x90	6

2 Pole, Change Over Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5440/10	AK5440/10	2x10	49x49	10
AS5445/16	AK5445/16	2x16	66x66	10
AS5450/20	AK5450/20	2x20	66x66	10
AS5455/25	AK5455/25	2x25	66x66	10
AS5460/32	AK5460/32	2x32	66x66	10
AS5465/40	AK5465/40	2x40	90x90	6
AS5470/50	AK5470/50	2x50	90x90	6
AS5475/63	AK5475/63	2x63	90x90	6
AS5480/80	AK5480/80	2x80	90x90	6
AS5485/100	AK5485/100	2x100	90x90	6
AS5490/115	AK5490/115	2x115	90x90	6
AS5495/125	AK5495/125	2x125	90x90	6
AS5500/160	AK5500/160	2x160	90x90	2
AS5505/200	AK5505/200	2x200	90x90	2
AS5510/250	AK5510/250	2x250	90x90	2
AS5515/315	AK5515/315	2x315	90x90	2



3 Pole, Change Over Switch

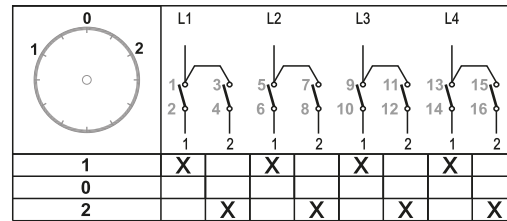
Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5520/10	AK5520/10	3x10	49x49	10
AS5525/16	AK5525/16	3x16	66x66	10
AS5530/20	AK5530/20	3x20	66x66	10
AS5535/25	AK5535/25	3x25	66x66	10
AS5540/32	AK5540/32	3x32	66x66	10
AS5545/40	AK5545/40	3x40	90x90	6
AS5550/50	AK5550/50	3x50	90x90	6
AS5555/63	AK5555/63	3x63	90x90	6
AS5560/80	AK5560/80	3x80	90x90	6
AS5565/100	AK5565/100	3x100	90x90	6
AS5570/115	AK5570/115	3x115	90x90	6
AS5575/125	AK5575/125	3x125	90x90	6
AS5580/160	AK5580/160	3x160	90x90	2
AS5585/200	AK5585/200	3x200	90x90	2
AS5590/250	AK5590/250	3x250	90x90	2
AS5595/315	AK5595/315	3x315	90x90	2



4 Pole, Change Over Switch



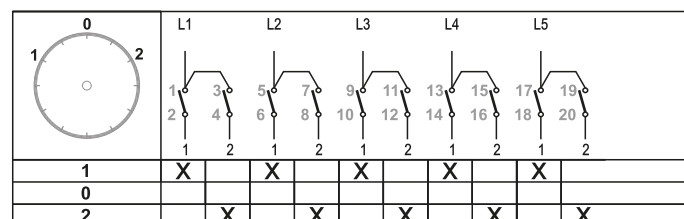
Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5600/10	AK5600/10	4x10	49x49	10
AS5605/16	AK5605/16	4x16	66x66	10
AS5610/20	AK5610/20	4x20	66x66	10
AS5615/25	AK5615/25	4x25	66x66	10
AS5620/32	AK5620/32	4x32	66x66	10
AS5625/40	AK5625/40	4x40	90x90	6
AS5630/50	AK5630/50	4x50	90x90	6
AS5635/63	AK5635/63	4x63	90x90	6
AS5640/80	AK5640/80	4x80	90x90	6
AS5645/100	AK5645/100	4x100	90x90	6
AS5650/115	AK5650/115	4x115	90x90	6
AS5655/125	AK5655/125	4x125	90x90	6
AS5660/160	AK5660/160	4x160	90x90	2



5 Pole, Change Over Switch



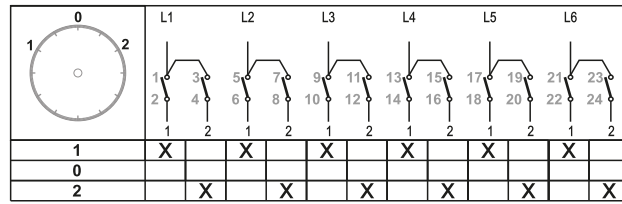
Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5665/10	AK5665/10	5x10	49x49	10
AS5670/16	AK5670/16	5x16	66x66	10
AS5675/20	AK5675/20	5x20	66x66	10
AS5680/25	AK5680/25	5x25	66x66	10
AS5685/32	AK5685/32	5x32	66x66	10
AS5690/40	AK5690/40	5x40	90x90	6
AS5695/50	AK5695/50	5x50	90x90	6
AS5700/63	AK5700/63	5x63	90x90	6
AS5705/80	AK5705/80	5x80	90x90	6
AS5710/100	AK5710/100	5x100	90x90	6
AS5715/115	AK5715/115	5x115	90x90	6
AS5720/125	AK5720/125	5x125	90x90	6
AS5725/160	AK5725/160	5x160	90x90	2
AS5730/200	AK5730/200	5x200	90x90	2
AS5735/250	AK5735/250	5x250	90x90	2
AS5740/315	AK5740/315	5x315	90x90	2





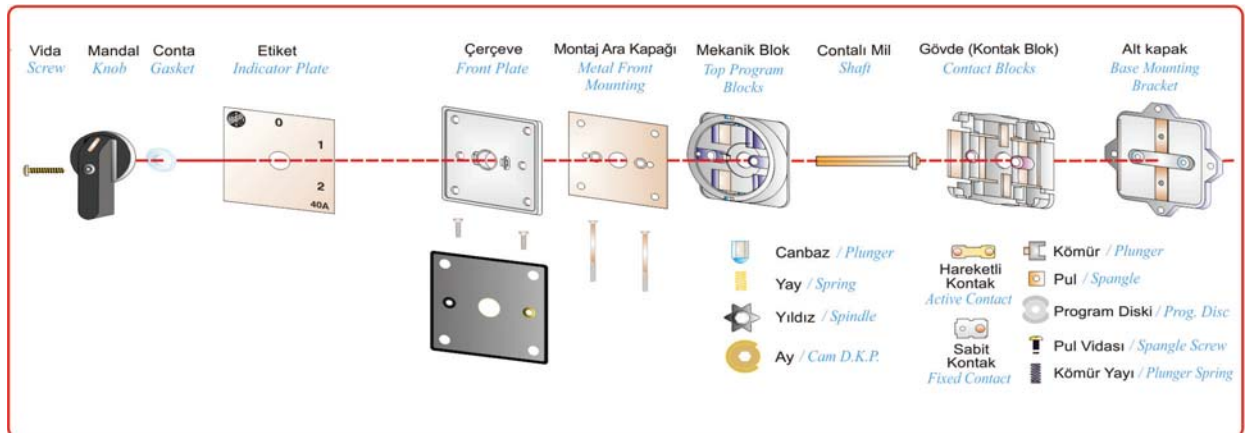
6 Pole, Change Over Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5745/10	AK5745/10	6x10	49x49	10
AS5750/16	AK5750/16	6x16	66x66	10
AS5755/20	AK5755/20	6x20	66x66	10
AS5760/25	AK5760/25	6x25	66x66	10
AS5765/32	AK5765/32	6x32	66x66	10
AS5770/40	AK5770/40	6x40	90x90	6
AS5775/50	AK5775/50	6x50	90x90	6
AS5780/63	AK5780/63	6x63	90x90	6
AS5785/80	AK5785/80	6x80	90x90	6
AS5790/100	AK5790/100	6x100	90x90	6



3 Pole Change Over + On-Off

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5795/16	AK5795/16	3x16 + AK	66x66	1
AS5800/20	AK5800/20	3x20 + AK	66x66	1
AS5805/25	AK5805/25	3x25 + AK	66x66	1
AS5810/32	AK5810/32	3x32 + AK	66x66	1
AS5815/40	AK5815/40	3x40 + AK	90x90	1
AS5820/50	AK5820/50	3x50 + AK	90x90	1
AS5825/63	AK5825/63	3x63 + AK	90x90	1
AS5830/80	AK5830/80	3x80 + AK	90x90	1
AS5835/100	AK5835/100	3x100 + AK	90x90	1
AS5840/115	AK5840/115	3x115 + AK	90x90	1
AS5845/125	AK5845/125	3x125 + AK	90x90	1
AS5850/160	AK5850/160	3x160 + AK	90x90	1
AS5855/200	AK5855/200	3x200 + AK	90x90	1
AS5860/250	AK5860/250	3x250 + AK	90x90	1
AS5865/315	AK5865/315	3x315 + AK	90x90	1

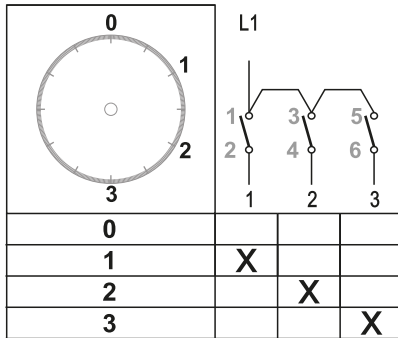




1 Pole, 2 Steps with "0"

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5870/10	AK5870/10	1x10	49x49	10
AS5875/16	AK5875/16	1x16	66x66	10
AS5880/20	AK5880/20	1x20	66x66	10
AS5885/25	AK5885/25	1x25	66x66	10
AS5890/32	AK5890/32	1x32	66x66	10
AS5895/40	AK5895/40	1x40	90x90	6
AS5900/50	AK5900/50	1x50	90x90	6
AS5905/63	AK5905/63	1x63	90x90	6
AS5910/80	AK5910/80	1x80	90x90	6
AS5915/100	AK5915/100	1x100	90x90	6

1 Pole, 3 Steps with "0"



Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS5920/10	AK5920/10	1x10	49x49	10
AS5925/16	AK5925/16	1x16	66x66	10
AS5930/20	AK5930/20	1x20	66x66	10
AS5935/25	AK5935/25	1x25	66x66	10
AS5940/32	AK5940/32	1x32	66x66	10
AS5945/40	AK5945/40	1x40	90x90	6
AS5950/50	AK5950/50	1x50	90x90	6
AS5955/63	AK5955/63	1x63	90x90	6
AS5960/80	AK5960/80	1x80	90x90	6
AS5965/100	AK5965/100	1x100	90x90	6
AS5970/115	AK5970/115	1x115	90x90	6
AS5975/125	AK5975/125	1x125	90x90	6
AS5980/160	AK5980/160	1x160	90x90	2
AS5985/200	AK5985/200	1x200	90x90	2
AS5990/250	AK5990/250	1x250	90x90	2
AS5995/315	AK5995/315	1x315	90x90	2

1 Pole, 4 Steps with "0"



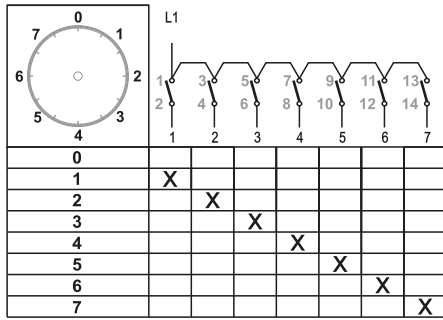
Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS6000/10	AK6000/10	1x10	49x49	10
AS6005/16	AK6005/16	1x16	66x66	10
AS6010/20	AK6010/20	1x20	66x66	10
AS6015/25	AK6015/25	1x25	66x66	10
AS6020/32	AK6020/32	1x32	66x66	10
AS6025/40	AK6025/40	1x40	90x90	6
AS6030/50	AK6030/50	1x50	90x90	6
AS6035/63	AK6035/63	1x63	90x90	6
AS6040/80	AK6040/80	1x80	90x90	6
AS6045/100	AK6045/100	1x100	90x90	6
AS6050/115	AK6050/115	1x115	90x90	6
AS6055/125	AK6055/125	1x125	90x90	6
AS6060/160	AK6060/160	1x160	90x90	2
AS6065/200	AK6065/200	1x200	90x90	2
AS6070/250	AK6070/250	1x250	90x90	2
AS6075/315	AK6075/315	1x315	90x90	2

1 Pole, 5 Steps with "0"



Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS6080/10	AK6080/10	1x10	49x49	10
AS6085/16	AK6085/16	1x16	66x66	10
AS6090/20	AK6090/20	1x20	66x66	10
AS6095/25	AK6095/25	1x25	66x66	10
AS6100/32	AK6100/32	1x32	66x66	10
AS6105/40	AK6105/40	1x40	90x90	6
AS6110/50	AK6110/50	1x50	90x90	6
AS6115/63	AK6115/63	1x63	90x90	6
AS6120/80	AK6120/80	1x80	90x90	6
AS6125/100	AK6125/100	1x100	90x90	6
AS6130/115	AK6130/115	1x115	90x90	6
AS6135/125	AK6135/125	1x125	90x90	6

1 Pole, 7 Steps with "0"



Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS6140/10	AK6140/10	1x10	49x49	10
AS6145/16	AK6145/16	1x16	66x66	10
AS6150/20	AK6150/20	1x20	66x66	10
AS6155/25	AK6155/25	1x25	66x66	10
AS6160/32	AK6160/32	1x32	66x66	10
AS6165/40	AK6165/40	1x40	90x90	6
AS6170/50	AK6170/50	1x50	90x90	6
AS6175/63	AK6175/63	1x63	90x90	6
AS6180/80	AK6180/80	1x80	90x90	6
AS6185/100	AK6185/100	1x100	90x90	4
AS6190/115	AK6190/115	1x115	90x90	4



1 Pole, 10 Steps with "0"

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS6195/16	AK6195/16	1x16	66x66	2
AS6200/25	AK6200/25	1x25	66x66	2
AS6205/32	AK6205/32	1x32	66x66	2
AS6210/40	AK6210/40	1x40	90x90	2
AS6215/63	AK6215/63	1x63	90x90	2

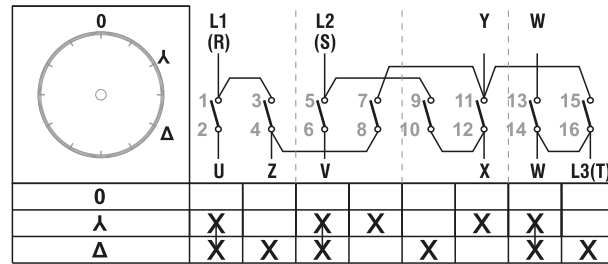


1 Pole, 12 Steps with "0"

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS6220/16	AK6220/16	1x16	66x66	2
AS6225/25	AK6225/25	1x25	66x66	2
AS6230/32	AK6230/32	1x32	66x66	2
AS6235/40	AK6235/40	1x40	90x90	2
AS6240/63	AK6240/63	1x63	90x90	2

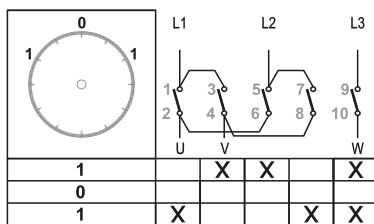
3 Pole, Star Delta Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS6885/16	AK6885/16	3x16	66x66	10
AS6890/20	AK6890/20	3x20	66x66	10
AS6895/25	AK6895/25	3x25	66x66	10
AS6900/32	AK6900/32	3x32	66x66	10
AS6905/40	AK6905/40	3x40	90x90	6
AS6910/50	AK6910/50	3x50	90x90	6
AS6915/63	AK6915/63	3x63	90x90	6
AS6920/80	AK6920/80	3x80	90x90	6
AS6925/100	AK6925/100	3x100	90x90	4
AS6930/115	AK6930/115	3x115	90x90	4
AS6935/125	AK6935/125	3x125	90x90	4
AS6940/160	AK6940/160	3x160	90x90	2
AS6945/200	AK6945/200	3x200	90x90	2
AS6950/250	AK6950/250	3x250	90x90	2
AS6955/315	AK6955/315	3x315	90x90	2



3 Pole, Star Delta Switch With "0"

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS6960/16	AK6960/16	3x16	66x66	10
AS6965/20	AK6965/20	3x20	66x66	10
AS6970/25	AK6970/25	3x25	66x66	10
AS6975/32	AK6975/32	3x32	66x66	10
AS6980/40	AK6980/40	3x40	90x90	6
AS6985/50	AK6985/50	3x50	90x90	6
AS6990/63	AK6990/63	3x63	90x90	6
AS6995/80	AK6995/80	3x80	90x90	6
AS7000/100	AK7000/100	3x100	90x90	4



3 Pole, Star Delta/Reversing Switch (Δ - Y - 0 - Y - Δ)

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7005/16	AK7005/16	3x16	66x66	10
AS7010/20	AK7010/20	3x20	66x66	10
AS7015/25	AK7015/25	3x25	66x66	10

1 Pole Reversing Switch



Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7140/10	AK7140/10	1x10	49x49	10
AS7145/16	AK7145/16	1x16	66x66	10
AS7150/20	AK7150/20	1x20	66x66	10
AS7155/25	AK7155/25	1x25	66x66	10
AS7160/32	AK7160/32	1x32	66x66	10
AS7165/40	AK7165/40	1x40	90x90	6
AS7170/50	AK7170/50	1x50	90x90	6
AS7175/63	AK7175/63	1x63	90x90	6

2 Pole Reversing Switch (1-0-1)

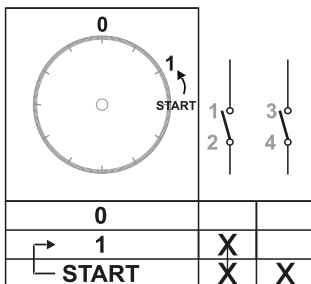


Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7180/10	AK7180/10	2x10	49x49	10
AS7185/16	AK7185/16	2x16	66x66	10
AS7190/20	AK7190/20	2x20	66x66	10
AS7195/25	AK7195/25	2x25	66x66	10
AS7200/32	AK7200/32	2x32	66x66	10
AS7205/40	AK7205/40	2x40	90x90	6
AS7210/50	AK7210/50	2x50	90x90	6
AS7215/63	AK7215/63	2x63	90x90	6

3 Pole Reversing Switch (1-0-1)

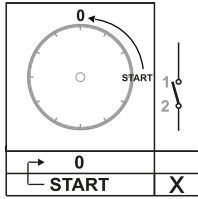


Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7220/10	AK7220/10	3x10	49x49	10
AS7225/16	AK7225/16	3x16	66x66	10
AS7230/20	AK7230/20	3x20	66x66	10
AS7235/25	AK7235/25	3x25	66x66	10
AS7240/32	AK7240/32	3x32	66x66	10
AS7245/40	AK7245/40	3x40	90x90	6
AS7250/50	AK7250/50	3x50	90x90	6
AS7255/63	AK7255/63	3x63	90x90	6
AS7260/80	AK7260/80	3x80	90x90	6
AS7265/100	AK7265/100	3x100	90x90	4
AS7270/115	AK7270/115	3x115	90x90	4
AS7275/125	AK7275/125	3x125	90x90	4
AS7280/160	AK7280/160	3x160	90x90	2
AS7285/200	AK7285/200	3x200	90x90	2



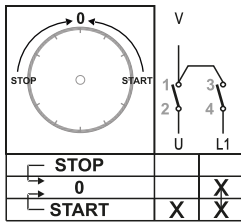
1 Pole, On Off + Start Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7330/10	AK7330/10	1x10	49x49	10
AS7335/16	AK7335/16	1x16	66x66	10
AS7340/20	AK7340/20	1x20	66x66	10
AS7345/25	AK7345/25	1x25	66x66	10



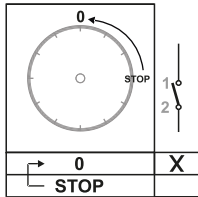
1 Pole 0-Start Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7350/10	AK7350/10	1x10	49x49	10



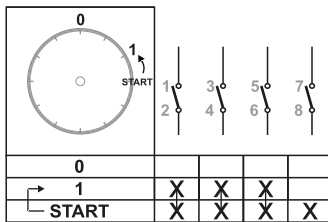
1 Pole, Stop - 0 - Start Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7355/10	AK7355/10	1x10	49x49	10



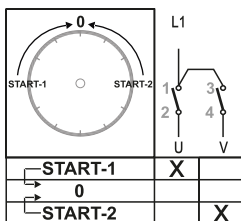
1 Pole, 0 - Stop Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7360/10	AK7360/10	1x10	49x49	10



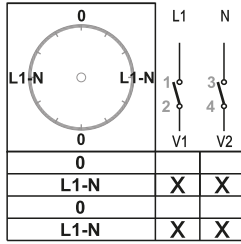
3 Pole, On Off + Start Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7365/10	AK7365/10	3x10	49x49	10
AS7370/16	AK7370/16	3x16	66x66	10
AS7375/20	AK7375/20	3x20	66x66	10
AS7380/25	AK7380/25	3x25	66x66	10



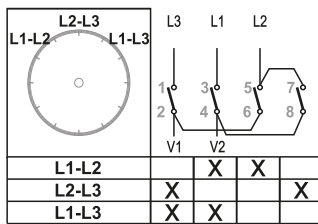
1 Pole Start - 0 - Start Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7385/10	AK7385/10	1x10	49x49	10



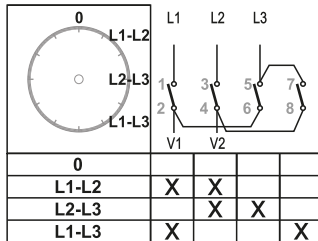
3 Phase to Neutral (0 - L1N - L2N - L3N) Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7390/10	AK7390/10	3x10	49x49	10
AS7395/16	AK7395/16	3x16	66x66	10
AS7400/20	AK7400/20	3x20	66x66	10
AS7405/25	AK7405/25	3x25	66x66	10



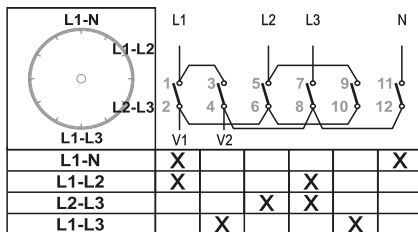
3 Phase to 3 Wire (L1L2 - L2L3 - L1L3) Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7410/10	AK7410/10	3x10	49x49	10
AS7415/16	AK7415/16	3x16	66x66	10
AS7420/20	AK7420/20	3x20	66x66	10
AS7425/25	AK7425/25	3x25	66x66	10



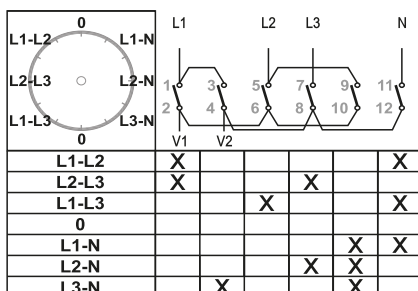
3 Phase to 3 Wire (0- L1L2 - L2L3 - L1L3) With "0" Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7430/10	AK7430/10	3x10	49x49	10
AS7435/16	AK7435/16	3x16	66x66	10
AS7440/20	AK7440/20	3x20	66x66	10
AS7445/25	AK7445/25	3x25	66x66	10



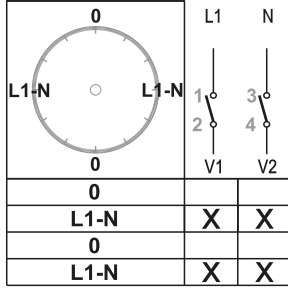
3 Pole, 4 Pos. Voltmeter Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7450/10	AK7450/10	3x10	49x49	10
AS7455/16	AK7455/16	3x16	66x66	10
AS7460/20	AK7460/20	3x20	66x66	10
AS7465/25	AK7465/25	3x25	66x66	10



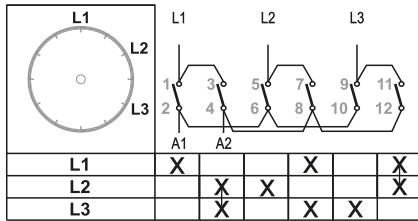
3 Pole, 7 Pos. Voltmeter Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7470/10	AK7470/10	3x10	49x49	10
AS7475/16	AK7475/16	3x16	66x66	10
AS7480/20	AK7480/20	3x20	66x66	10
AS7485/25	AK7485/25	3x25	66x66	10



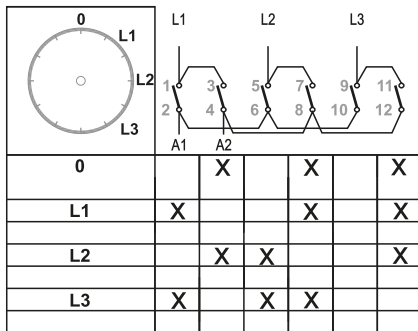
1 Pole, 1 Pos. Voltmeter Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7488/10	AK7488/10	1x10	49x49	10
AS7490/16	AK7490/16	1x16	66x66	10
AS7495/20	AK7495/20	1x20	66x66	10
AS7500/25	AK7500/25	1x25	66x66	10



3 Pole, Ammeter Switch Without "0" Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7495/16	AK7495/16	3x16	66x66	10
AS7500/20	AK7500/20	3x20	66x66	10
AS7505/25	AK7505/25	3x25	66x66	10



3 Pole, Ammeter Switch With "0" Switch

Square Black	Square Yellow Red	Amperage	Frame Size (mm x mm)	Box Pieces
AS7510/16	AK7510/16	3x16	66x66	10
AS7515/20	AK7515/20	3x20	66x66	10
AS7520/25	AK7520/25	3x25	66x66	10

TRUSTED FOR OUR STANDARTS



ACM

Certificate Of Registration

This is to certify that the
Quality Management System of

ARMESAN ELEKTRİK SANAYİ TİC.LTD.ŞTİ.
ORHAN GAZİ MAH.1719 SK. NO:3 ESENYURT/İSTANBUL

Has been independently assessed and is
compliant with the requirements of:
ISO 9001 : 2015

For the following scope of activities:

MANUFACTURING OF CAM SWITCHES, PANEL THERMOSTAT, DC MAIN SWITCH

Certificate Number : 21ACM13272Q

Date of initial registration 9th June 2021

Certificate expiry 8th June 2024

(subject to the company maintaining its system to the required standard)

AUTHORISED SIGNATORY
Date of this certificate 9th June 2021

This certificate is the property of ACM-CCAS Limited and shall be returned immediately on request.
ACM-CCAS Limited, Unit 5 Merus Court, Meridian Business Park, Leicester, LE19 1RJ, UK.
Tel: +44 116 240 5255, email: info@acmcert.com



TURKISH STANDARDS
INSTITUTION

CERTIFICATE OF
CONFORMITY TO
TURKISH STANDARDS

Markanın Tanımı Description of the Mark
TSE veya/or TSE veya/or TSE

REFERENCE NUMBER OF LICENCE
151585-TSE-01/02

DATE OF FIRST ISSUE OF LICENCE
25.05.2017

LICENCE VALID UNTIL
12.10.2023

NAME OF THE LICENCE HOLDER
ARMESAN ELEKTRİK SANAYİ TİC.LTD.ŞTİ.

ADRESS OF THE LICENCE HOLDER
ORHAN GAZİ MAH. 1719 SK. NO:3
ESENYURT / İSTANBUL

NAME OF THE MANUFACTURING PLACE
ARMESAN ELEKTRİK SANAYİ TİC.LTD.ŞTİ.

ADRESS OF THE MANUFACTURING PLACE
ORHAN GAZİ MAH. 1719 SK. NO:3
ESENYURT / İSTANBUL

INDICATION OF SUPERSEDED LICENCE (if any)
151585-TSE-01/01

REGISTERED TRADE MARK
ARMESAN

RELATED TURKISH STANDARD
TS EN 60947-3 / 13.12.2011



e-signed

28.10.2022

On Behalf Of The Head Of Certification Center

BERNA YAVUZ ÇETİNKAYA

MANAGER OF THE TSE ISTANBUL CERTIFICATION DEPT.

This certificate also shows that the production place of the certified product meets the requirements of Institute.

This certificate under any circumstances cannot be changed, duplicated partially or in a way that makes it difficult to read and erasure cannot be done.

*TSE * Address: Çayirova Tren İstasyonu Yanı ÇAYIROVA/GEBZE * Telephone: 2627231273*

Fax: 2627231606

*TSE HEAD OF CERTIFICATION CENTER: Address: Necatibey Cad. No:112 06100

Bakanlıklar/ANKARA – Telephone: 0 312 416 64 81 / 416 64 27, Fax:0 312 416 66 17 E-mail

:bmb@tse.org.tr , web : www.tse.org.tr



DOMESTIC GOODS DOCUMENT



Document Issue Date: 04.03.2021

Document Validity Date: 04.03.2022

Document No: 2021108574834

Manufacturer Title : ARMESAN ELEKTRİK SANAYİ TİC.LTD.ŞTİ.

Office Address : ORHAN GAZİ MAH.1719 SK. NO:3 ESENYURT/İSTANBUL

Tax identification number : 6440375562 Mersis No : 0644037556200013

Trade Register Number : 21095

Product Name: Pako Switch

Product Code (PRODCOM/GTYP): 27.12.21.30.00

Technical Specifications (Brand Name, Model, Serial Number, Type):
ARMESAN 10/32 A SWITCH)

Capacity Report / Date : 05.11.2019 / Number : 37058

Industry Registry Certificate / Date : 19.08.2015 / Number : 678261

Domestic Contribution Rate: % 86,5

Product Technological Level (low/medium-low/medium-high/high)
(Eurostat): medium-high

Other information and documents :

This document was issued on 04.03.2021 in accordance with the Domestic Goods Communiqué (SGM 2014/35) published in the Official Gazette dated 13/09/2014 and numbered 29118 of the Ministry of Science, Industry and Technology and in accordance with the Principles of Regulation of Domestic Goods Certificate prepared by TOBB.

Issuing Chamber/Exchange
KOCAELI CHAMBER OF INDUSTRY





Orhangazi Mah. Mimsan San. Sitesi
1719 Sok. No: 1-3 Esenyurt / İstanbul - TR
+90 212 672 30 11

www.armesan.com.tr