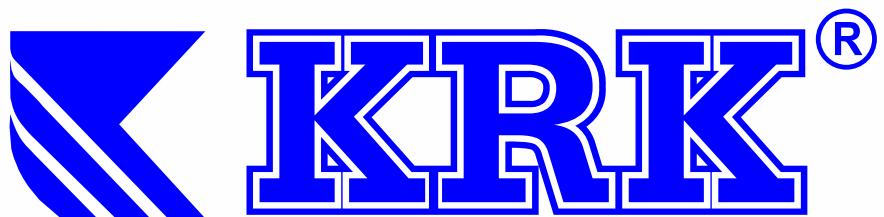


Producer Since 1973



Product List
(November 2023)

Compensation Solutions | Measurement Devices

Control & Protection Relays | Panel Instruments

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Producer Since 1973

Pionnering In Sector

PC Lighting fixtures 1982

Electronic Ballast 1995

True rms Measurement Devices 2002

True RMS Protection Relays 2002

Intelligent PFC 2002

Three Phase PFC 2006

Single phase Capacitor use in PFC 2006

Digital Timer 2010

New generation Overhead connectors 2018

Connectors for isolated Cables 2019

Lighting poles connectors 2019



Our company is founded by Mr. Kemal KARACA and his partners at 1973. Since then with first day dynamism Krk continue to work and reformist products Krk is increasing its market share with its innovative, market oriented products produced by experienced team.

KRK is serving with Panel instruments, Electronic control devices, in its over 4000 sqm closed area and with its advanced technological know-how. Krk is exporting more than 45 countries its products that is developed By own mechanical and electronic R&D and moulding facility, own electronic, plastic and metal production.

We will continue serving you with our justified pride for more years.

Compensation Solutions

Compensation Solutions

Reactive Power Controllers



ZeroVAR 1P 12



MonoVAR 12



ZeroVAR 1P 6



KPC 8



KPC 15



MRVAR 6

Order Code	Product Code	Product Description	Max. Number of Steps Application mV		Dimension	Supply	Screen	Control	Measurements				Accessory	SVC (Activation via Device)	Box Qty.
			96 x 96	144 x 144					Volt	Amp	Var	Power Factor			
Measurement With Single Current Transformer Three-Phase Control															
77006	KPC 6		6	●●	144 x 144	220 V AC	LCD	LED	Single Phase Capacitor	●	●	●	●	●	1
77008	KPC 8		8	●●	144 x 144	220 V AC	LCD	LED	Three Phase Capacitor	●	●	●	●	●	1
77012	KPC 12		12	●●	144 x 144	220 V AC	LCD	LED	Single Phase Shunt Reactor	●	●	●	●	●	1
77015	KPC 15		15	●●	144 x 144	380 V AC	LCD	LED	Three Phase Shunt Reactor	●	●	●	●	●	1
77406	ZeroVAR 1P 6		6	●●	144 x 144	220 V AC	LCD	LED	Single Current Transformer	●	●	●	●	●	1
77408	ZeroVAR 1P 8		8	●●	144 x 144	220 V AC	LCD	LED	Three Current Transformers	●	●	●	●	●	1
77412	ZeroVAR 1P 12		12	●●	144 x 144	220 V AC	LCD	LED	Voltage(V), Current(I), Cos Φ	●	●	●	●	●	1
77106	MRVAR 6		6	●●	144 x 144	220 V AC	LCD	LED	Apparent Power (VA)	●	●	●	●	●	1
77112	MonoVAR 12		12	●●	144 x 144	220 V AC	LCD	LED	Active Power (W)	●	●	●	●	●	1
									Reactive Power (VAR)	●	●	●	●	●	
									Σ W ∑ VAR ∑ VA	●	●	●	●	●	
									KWh	●	●	●	●	●	
									% THD I (33)	●	●	●	●	●	
									% THD V (33)	●	●	●	●	●	
									1...32 Harmonics	●	●	●	●	●	
									RS-485 Communication	●	●	●	●	●	
									Temperature Measurement	●	●	●	●	●	
									Thyristor Triggering	●	●	●	●	●	

Compensation Solutions

Reactive Power Controllers & SVC



ZeroVAR PCS 12



ZeroVAR SVC 18



ZeroVAR SVC 12



ZeroVAR PLUS 6



SVC 10K



DEŞARJ ÜNİTESİ

Order Code	Product Code	Product Description	Max Number of Steps	Aplication mV	Dimension	Supply	Screen	Control	Measurements						Accessory														
									LED	Single Phase Capacitor	Three Phase Capacitor	Three Phase Shunt Reactor	Three Phase Shunt Reactor	Three Current Transformer	Three Current Transformers	Voltage(V),Current(I),Cos Ø	Apparent Power(VA)	Active Power(W)	Reactive Power(VAR)	ΣW ΣVAR ΣVA	KWh	% THD I (33)	% THD V (33)	1...32 Harmonics	V 1...32 Harmonics	RS-485 Communication	Temperature Measurement	Thyristor Triggering	SVC (Activation via Device)
Measurement with Three Current Transformers Three-Phase/Single-Phase Control																													
77806	ZeroVAR PLUS 6		6	96 x 96	144 x 144	220 V AC	LCD	LED	● ●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	1				
77808	ZeroVAR PLUS 8		8	96 x 96	144 x 144	220 V AC	LCD	LED	● ●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	1				
77812	ZeroVAR PLUS 12		12	96 x 96	144 x 144	220 V AC	LCD	LED	● ●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	1				
77815	ZeroVAR PLUS 15		15	96 x 96	144 x 144	220 V AC	LCD	LED	● ●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	1				
78012	ZeroVAR PCS 12	12 Steps+Svc	12	128 x 128	128 x 128	220 V AC	LCD	LED	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	20/30 K	1			
78018	ZeroVAR PCS 18	18 Steps+Svc	18	128 x 128	128 x 128	220 V AC	LCD	LED	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	20/30 K	1			
78062	ZeroVAR SVC 12	12 Steps+Svc	12	128 x 128	128 x 128	220 V AC	LCD	LED	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5/10 K	1			
78068	ZeroVAR SVC 18	18 Steps+Svc	18	128 x 128	128 x 128	220 V AC	LCD	LED	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	5/10 K	1			

Order Code	Product Code	Product Description	Voltage	A	kVAr	Reactor Number	Reactor Type	Connect	Box Qty
Three Phase Electronic Driver									
79205	SVC 5 K	5 kVAr Svc	220 V AC	10	5	3	Monophase	Star	1
79210	SVC 10 K	10 kVAr Svc	220 V AC	18	10	3	Monophase	Star	1
79220	SVC 20 K	20 kVAr Svc	220 V AC	24	20	3	Monophase	Star	1
79230	SVC 30 K	30 kVAr Svc	220 V AC	32	30	3	Monophase	Star	1

Order Code	Product Code	Product Description	Voltage	kVAr	Current Input	Box Qty
79300	Discharge Unit		110-700V	50	250	10

Measurement Devices

Measurement Devices

Energy Analyzers & Digital Multimeters



Energy Power Meters

Order Code	Product Code	Product Description	3 Phase	Cos	Active Power	Reactive Power	Apparent power	Σ VA	Σ W	Σ VAR	kWh	Current	Voltage	Frequency	RS 232 Communication	RS 485 Communication	% THD I (33)	% THD V (33)	X / 5	C200	220 V	Box Qty.
96 MM Panel Type																						
76700	KNA 96	Energy Analyzer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	10	
76500	KPM 20	Energy Power Meter	●	●	●			●	●	●	●	●	●	●		●	●	●	●	●	●	10
76505	KPM 20 CT 300	Energy Power Meter, 3 Current Transformers	●	●	●			●	●	●	●	●	●	●		●	●	●	●	●	●	10

Digital Multimeters

Order Code	Product Code	Product Description	Measurement			Voltage	Current	Frequency	X / 5	220 V	Box Qty.
			Voltage	Current	Frequency						
72 MM Panel Type											
76400	KMM 72	3 Phase Current, 3 Phase Voltage (F-N), 3 Phase Voltage (F-F)	●	●	●	●	●	●	●	●	10
96 MM Panel Tip											
76000	KMM 01 U	3 Phase Current, 3 Phase Voltage (F-N), 3 Phase Voltage (F-F)	●	●	●	●	●	●	●	●	10
76001	KMM 01 I	3 Phase Current, 3 Phase Voltage (F-N), 3 Phase Voltage (F-F) Insulated Current Inputs	●	●	●	●	●	●	●	●	10
76300	KMM 03 U	3 Phase Current, 3 Phase Voltage (F-N), 3 Phase Voltage (F-F)	●	●	●	●	●	●	●	●	10
76030	KMM 01U 0-300A	Multimeter, CT 300 A	●	●	●	●	●	●	●	●	10

Akim Trafosu

80003	CT 300	300 A Current Transformer									10
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Measurement Devices

Digital Ampermeters



True RMS Class 1

Order Code	Product Code	Product Description	Measurement					Input					Box Qty.
			AC	DC	X / 5	CT 250A	60 mV Shunt	AC	DC	12 V	24 V	220 V	
35 MM Panel Type													
75400	KDA 35	Ampermeter, 0,05-10,000 A Measurement	●		●			●			●		10
75425	KDA 35 0-300A	Ampermeter, CT 300 Current Transformer	●			●		●			●		10
48 MM Panel Type													
75448	KDA 48	Ampermeter, 0,05-10,000 A Measurement	●		●			●			●		10
75455	KDA 48 0-300A	Ampermeter, CT 300 Current Transformer	●			●		●			●		10
72 MM Panel Type													
75472	KDA 72	Ampermeter, 0,05-10,000 A Measurement	●		●			●			●		10
75862	KDA 72-80	Ampermeter, 0,5-80 A Measurement		●			●	●			●		10
75572	KDA 72-30	Ampermeter, 0,1-30 A Measurement	●	●			●				●		10
75672	KDAU 72	Ampermeter, 0,05-10,000 A Measurement	●		●		●	●				●	10
75475	KDA 72-D	Dual Ampermeter, 0,05-10,000 A Measurement	●		●		●				●		10
75480	KDA 72-12	Ampermeter, 0,05-10,000 A / 5 A Measurement	●		●			●	●				10
75481	KDA 72-24	Ampermeter, 0,05-10,000 A / 5 A Measurement	●		●			●		●			10
75492	KDA 72 0-300A	Ampermeter, CT 300 Current Transformer			●		●				●		10
75477	KDVA 72	Ampermeter/0-10000A, Voltmeter/5-500V Measurement	●		●			●			●		10
72 MM Panel Type (DC)													
75830	KDA 72-DC	Ampermeter, 100-1000 A/DC Measurement		●			●	●			●		10
75850	KDA 72-DC 300	Ampermeter, 300-0,6 A/DC Measurement		●			●	●			●		10
75840	KDA 72-DC 400	Ampermeter, 400-0,6 A/DC Measurement		●			●	●			●		10
75860	KDA 72-DC 600	Ampermeter, 600-0,6 A/DC Measurement		●			●	●			●		10
75900	KDA 72-DC 1000	Ampermeter, 1000-0,6 A/DC Measurement		●			●	●			●		10
75861	KDA 72-DC 05	Ampermeter, 0,02-0,5 A/DC Measurement		●			●	●			●		10

Measurement Devices

Digital Ampermeters & Frequencymeter



True RMS Class 1

Order Code	Product Code	Product Description	Measurement					Input					Box Qty.
			AC	DC	X / 5	CT 250A	60 mV Shunt	AC	DC	12 V	24 V	220 V	
96 MM Panel Type (DC)													
75666	KDA 96-DC	Ampermeter, 100-900 A/DC Measurement					●	●			●		10
96 MM Panel Type													
75496	KDA 96	Ampermeter, 0,05-10,000 A Measurement	●		●			●			●		10
75230	KDA 935	Ampermeter, Current Control, 2 Relay Outputs	●		100/5			●			●		10
75492	KDA 96 0-300A	Ampermeter, CT 300 CT	●			●		●			●		10
76360	KMA 01	3 Phase Multiampermeter	●		●			●			●		10
Akim Trafosu													
80003	CT 300	300 A CT											10

Digital Frequencymeters

True RMS Class 1

Order Code	Product Code	Product Description	Measurement					Box Qty.	
			1 Phase	20.....400 Hz.	0.1 Hz Sensibility	220 V			
35 MM Modular Type									
75700	KFM 35	Frequencymeter	●	●	●	●		10	
48 MM Panel Type									
75748	KFM 48	Frequencymeter	●	●	●	●		10	
72 MM Panel Type									
75772	KFM 72	Frequencymeter	●	●	●	●		10	
96 MM Panel Type									
75796	KFM 96	Frequencymeter	●	●	●	●		10	

Measurement Devices

Digital Voltmeters



True RMS Sınıf 1

Order Code	Product Code	Product Description	Measurement						Input						Box Qty.
			AC	DC	Phase+Phase	Phase+Neutral	500 V	Frequency	AC	DC	12 V	24 V	220 V	24...285 V	
35 MM Panel Type															
75100	KDV 35	Voltmeter, 5-500V Measurement	●			●	●	●					●		10
75300	KDV 35 3F	Voltmeter, Three Phase Optional, 5-500V Measurement	●		●	●	●	●		●			●		10
76355	KMV 35	3 Phase Voltmeter, 5-500V Measurement	●			●	●	●		●			●		10
48 MM Panel Tip															
75048	KDV 48	Voltmeter, 5-500V Measurement	●			●	●	●					●		10
75348	KDV 48 3F	Voltmeter, Three Phase Optional, 5-500V Measurement	●		●	●	●	●		●			●		10
72 MM Panel Tip															
75172	KDV 72	Voltmeter, 5-500V Measurement	●			●	●	●					●		10
75372	KDV 72-3F	Voltmeter, Three Phase Optional, 5-500V Measurement	●		●	●	●	●					●		10
75377	KDVU 72	Voltmeter, Universal Voltage	●			●	●	●		●	●			●	10
75375	KDV 72 - D	Voltmeter, Dual Display, 5-500V Measurement	●			●	●	●		●			●		10
75380	KDV 72-12	Voltmeter, 12 V, 5-500V Measurement	●			●	●	●		●	●				10
75381	KDV 72-24	Voltmeter, 24 V, 5-500V Measurement	●			●	●	●		●	●		●		10
75477	KDVA 72	Voltmeter, 5..500V Measurement, - Ampermeter- 0..10000A/5	●			●	●	●		●			●		10
75775	KDVF 72	Voltmeter, 5-500V Measurement- Frequencymeter, 20-400Hz	●			●	●	●	●	●			●		10
72 MM Panel Tip (DC)															
75832	KDV 72-DC	Voltmeter, 5-500V Measurement		●			●	●					●		10
75200	KDV 72-DC 100	Voltmeter, 0-100 V DC Measurement		●			100V		●				●		10
96 MM Panel Tip															
75196	KDV 96	Voltmeter, 5-500V Measurement	●			●	●	●					●		10
75396	KDV 96-3F	Voltmeter, Three Phase Optional, 5-500V Measurement	●		●	●	●	●		●			●		10
76350	KMV 01	Multivoltmeter	●		●	●	●	●	●	●			●		10

Control & Protection Relays

Control & Protection Relays

Time Relays



KZR 48-30



ADZ 72T



KZRU 48-M5



KFLR 48



KZR 48-M1



KZRU 48-30

Order Code	Product Code	Product Description	Time Range	Technical Specifications						Operating Voltage				Box Qty.	
				On Delay	Off Delay	Steps Number	On Start	Off Start	Asymmetric Flasher	Trigger	12 VAC/DC	24 VAC/DC	220 VAC	18-285 VAC/DC	
48 mm Panel Type															
61032	KZR 48-30	On Delay Timer	0,1-30 sec.	●							●	●	●	●	10
78165	KZR U 48-30	On Delay Timer	0,1-30 sec.	●									●	●	10
61050	KZR 48-8P 30	On Delay Timer (8 pin)	0,1-30 sec.	●								●	●	●	10
78161	KZR U 48-8P 30	On Delay Timer(8 pin)	0,1-30 sec.	●									●	●	10
61062	KZR 48-60	On Delay Timer	0,1-60 sec.	●								●	●	●	10
78166	KZR U 48-60	On Delay Timer	0,1-60 sec.	●									●	●	10
61051	KZR 48-8P 60	On Delay Timer(8 pin)	0,1-60 sec.	●								●	●	●	10
78162	KZR U 48-8P 60	On Delay Timer	0,1-60 sec.	●										●	10
61002	KZR 48-M1	Multi-Function Timer	0,06 sec.-30 hr.	●	●	8	●	●				●	●	●	10
78163	KZR U 48-M1	Multi-Function Timer	0,06 sec.-30 hr.	●	●	8	●	●						●	10
60050	KZR U 48-8P M1	Multi-Function Timer(8 pin)	0,06 sec.-30 hr.	●	●	8	●	●						●	10
61012	KZR 48-M2	Asymmetrical Timer	0,6 sec.-10 hr.	●		6	●	●	●			●	●	●	10
78164	KZR U 48-M5	Multi-Function Timer	0,1sec.-100 hr.			8	●	●	●						10
60048	KZR U 48-8P M5	Multi-Function Timer(8 pin)	0,1sec.-100 hr.			8	●	●	●					●	10
65048	KFLR 48	Asymmetrical Timer Relay(Digital Display)	ON: 1 SEC - 99 min. OFF: 1 SEC - 99 min.				●		●					●	10
60015	KFLR U 48	On start Flasher Relay	ON: 1 SEC - 60 SEC. OFF: 1 SEC - 60 SEC.				●		●					●	10
72 mm Panel Tip															
65000	KFLR 72	Multi-Function Timer	ON : 1 sec. - 99 min. OFF: 1 sec. - 99 min.				●		●				●	●	10
65072	ADZ 72T	Off Delay Relay(Digital)	1 sec. - 99 min.		●				●				●	●	10

● : Optional

Control & Protection Relays

Time Relays



Order Code	Product Code	Product Description	Time Range	Technical Specifications					Operating voltage				Box Qty.	
				On Delay	Off Delay	Steps Number	On Start	Off Start	Asymmetric Flasher	Trigger	12 VAC/DC	24 VAC/DC	220 VAC	
22.5 MM Modüler Type														
61030	SZR 30	On Delay Timer	0,1 - 30 sec.	●							●	●	●	10
61230	SZRU 30	On Delay Timer	0,1 - 30 sec.	●							●		●	10
61530	SZRB 30	Off Delay Timer	0,1 - 30 sec.		●							●	●	10
61060	SZR 60	On Delay Timer	0,1 - 60 sec.	●							●	●	●	10
61260	SZRU 60	On Delay Timer	0,1 - 60 sec.	●							●		●	10
61031	SZRT 60	Triggered, On Delay Timer	0,1 - 60 sec.	●							●	●	●	10
60000	SZR M1	Multi-Function Timer	0,06 sn - 30 hour	●	●	8	●	●			●	●	●	10
60200	SZRU M1	Multi-Function Timer	0,06 sn - 30 hour	●	●	8	●	●			●		●	10
60010	SZR M2	Asymmetrical Timer Relay	0,6 sn - 10 hour		6	●	●	●			●	●	●	10
60210	SZRU M2	Asymmetrical Timer Relay	0,6 sn - 10 hour			●	●	●			●		●	10
60013	SZR M5	Multi-Function Timer	0,1 sn - 100 hour		8	●	●	●			●	●	●	10
78160	SZRU M5	Multi-Function Timer	0,1 sn - 100 hour		8	●	●	●			●		●	10
60035	SZRU M15	Multi-Function Timer	Trigger Input 0.05 - 100 hour	●	●	7	●		●	●				10
60040	SZR M16	Multi-Function Timer	Trigger Input 10 - 60 sec.								●			10
60011	SFLR 03	On start Flasher Relay	0,6 - 60 sec.				●	●	●		●	●	●	10
60014	SFLR 03-10	Flasher Relay	1 - 10 sn / 0,5 sec.											10
60021	SYU	Star Delta Relay	λ : 6 sec. - 60 sec. λ ⊗ Δ : 50...500 msec.				●					●		10
60022	SIR	Left-Right (Inversor Relay)	t-ON : 6...60 sec. t-OFF : 6...60 sec.					●				●		10
35 MM Modüler Type														
63002	YDR 05	5 Stage Dishwasher Relay	Washing time 30-60 -90-120-180 Standby time 3 sec. No Discharge Time			5						●		10
63003	YDR 06	5 Stage Dishwasher Relay,Thyristor Output, Discharge Relay	Washing time 30-60 -90-120-180 Standby time 3 sec. Discharge Time			5						●		10

● : Optional

Control & Protection Relays

Motor (Phase) Protection Relays



True RMS Class 1

Order Code	Product Code	Product Description	Control								Input	Box Qty.	
			Three Phase	Monophase	Phase-Phase	Phase-Neutral	Phase Loss	Phase Sequence	Ptc Protection	Asymmetry			
48 MM Panel Type													
70142	FMK 48-03		●			●	●	●		% 30			● 10
70148	FMK 48 05N-8P	No Neutral- Sochet (8 PIN)	●		●		●	●		%5 - %15	●		● 10
70604	FMK 48 05N-11P	No Neutral- Sochet (11 PIN)	●		●		●	●		%5 - %15	●		● 10
22,5 MM Modular Type													
70025	SMK 11		●			●	●			% 30			● 10
70045	SMK 03		●			●	●			% 40			● 10
70003	STR			●				●					● 10
70001	SFSR		●			●		●					● 10
70125	SFMK 14		●			●	●	●		% 30			● 10
70127	SFMK 14 P	PTC	●			●	●	●		% 30			● 10
70145	SFMK 03		●			●	●	●		% 40			● 10
70146	SFMK 03 P	PTC	●			●	●	●	●	% 40			● 10
70147	SFMK 03 N	No Neutral	●		●		●	●		% 15		●	10
70155	SFMK A		●			●	●	●		%5 - %30			● 10
70156	SFMK AP	PTC	●			●	●	●	●	%5 - %30			● 10
70506	SFMK 05		●		●		●	●		%5 - %15	●		● 10
70505	SFMK 05 P	PTC	●		●		●	●		%5 - %15	●		● 10
70615	SFMK 06 N	No Neutral	●		●		●	●	●	%5 - %30	●	●	● 10
70605	SFMK 06 PN	No Neutral	●		●		●	●	●	%5 - %30	●	●	● 10
70515	SFMK 06		●			●	●	●		%5 - %30	●	●	● 10
70516	SFMK 06 P	PTC	●			●	●	●	●	% 30	●	●	● 10
70526	SFMK 24 F	No Neutral	●		●		●	●		% 11	Top: 500 V Lower: 280 V	2 sec.	● 10
70508	SFMK 08		●		●		●	●		% 8	Top: 255 V Lower: 185 V	1 sec.	● 10

Control & Protection Relays

Motor (Phase) Protection Relays



True RMS Class 1

Order Code	Product Code	Product Description	Control							Input			Box Qty.	
			Threephase	Monophase	Phase-Phase	Phase-Neutral	Phase Loss	Phase Sequence	Ptc Protection	Asymmetry	Over & Under Voltage Adjustment	Off Delay 0,1 sec. - 20 sec.	24....285 V AC	
35 MM Modular Type														
70140	FMK 03		●			●	●	●		% 30			●	10
70141	FMK 03 P	PTC	●			●	●	●	●	% 30			●	10
70143	FMK 03 N	No Neutral	●		●		●	●		% 15			●	10
70500	FMK 05		●		●		●	●		%5 - %15	●		●	10
70600	FMK 05 N	No Neutral	●		●		●	●		%5 - %15	●		●	10
35x80 MM Socket Type														
70602	FMK 35 05 N 8P	No Neutral-Socket (8 PIN)	●		●		●	●		%5 - %15	●		●	10
70601	FMK 35 05 N 11P	No Neutral-Socket (8 PIN)	●		●		●	●		%5 - %15	●		●	10

Control & Protection Relays

Under & Over Voltage Relays



KAD 48-01

KAD 04N



KAD 10-FULL D



KAD 48-05



SKAD 01 SKAD 09



KAD 48-05



SKAD 04

Order Code	Product Code	Product Description	Control												Input	Box Qty.	
			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 sec. - 20 sec.	On Delay 0.1 min. - 20 min.	Off Delay 0.1 sec. - 20 sec.	Off Delay 0.1 min. - 20 min.	T-on-Toff 0.1,...,99,9	
48 MM Panel Type																	
72017	KAD 48 - 01			●				●	●			●		●		●	10
72032	KAD 48 - 04		●		●	●		●	●			●		●		●	10
72043	KAD 48 - 04 N	No Neutral	●		●	●				●	●	●		●		●	10
72050	KAD 48 - 05		●		●	●		●	●			●	●	●		●	10
22.5 MM Modular Type																	
72015	SKAD 01			●				●	●					●		●	10
72035	SKAD 04		●		●	●		●	●					●		●	10
72067	SKAD 05 FD	Phase Corrector	●		●	●		●	●					●		●	10
72045	SKAD 05		●		●	●		●	●					●		●	10
72615	SKAD 05 N	No Neutral	●		●	●				●	●	●		●		●	10
72215	SKAD 06 M	Compressor Relay		●		●	●		●	●			●	●	●	●	10
72235	SKAD 06 T	Compressor Relay	●		●	●		●	●			●	●	●	●	●	10
72355	SKAD 09		●		●	●		170 V	280 V			1sec. Fixed		1sec. Fixed		●	10
72606	SKAD 06N	No Neutral	●		●	●				●	●	●	●	●	●	●	10
72355	SKAD AC1							170 V	280 V			5-15min		1sec.		●	10
72606	SKAD AC3		●		●	●		170 V	280 V			5-15min		1sec.		●	10
35 MM Modular Type																	
72010	KAD 01			●				●	●					●		●	10
72030	KAD 04		●		●	●		●	●					●		●	10
72600	KAD 04 N	No Neutral	●		●					●	●		10sec.		●	10	
72760	KAD 10 Full D	Display	●		●	●	●	●	●	●				●	●	●	10
72770	KAD 10 Full ND	No Neutral,PTC,Display	●		●	●	●	●		●	●			●	●	●	10

Control & Protection Relays

Level Controllers



Order Code	Product Code	Product Description	Led	Control			Input			Box Qty.
				2-100 Kohn Conductivity Adjustment	Pressure Switch Input	Boost Output	12 VDC	24 VDC	220 VAC	
22,5 MM Modular Type										
66055	SSR 04		●	●					●	10
66056	SSR 04-12V		●	●			●			10
66057	SSR 04-24V		●	●				●		10
66060	SSR 06		●	●					●	10
66065	SSR 06 T	Timed, 1.....60 sec.	●	●					●	10
66200	HSR 02	Hydrophore Sequencing Relay		2	2			●		10
35 MM Modular Type										
66050	SSR 02			●			●			10
66090	SSR 06 M		●	●					●	10
35X80 MM Socket Type										
66108	SSR 35 04-8P	8 Pin	●	●					●	10
66111	SSR 35 04-11P	11 Pin	●	●				●		10
48 MM Panel Type										
66109	SSR 48 04-8P	8 Pin	●	●				●		10
66112	SSR 48 14-11P	11 Pin	●	●				●		10
Electrode										
66500	SSR BE	Big Electrode								10
66505	SSR KE	Small Electrode								10
66510	SSR KA	Wired Electrode								10

Control & Protection Relays

Temperature Controllers & Thermocouples



ADT 48



DT 48



DT 96



ADT 72



ADT 96



THERMOCOUPLE

Order Code	Product Code	Product Description	Control						Box Qty.
			Analog Tuned	Digital Tuned	Digital Display	J Type	K Type	220 V AC	
35 MM Modular Type									
55248	ADT 48		●		●	●	●	●	10
55548	DT 48			●	●	●	●	●	10
72 X 72 MM Panel Type									
55272	ADT 72		●		●	●	●	●	10
55572	DT 72			●	●	●	●	●	10
96 X 96 MM Panel Type									
55296	ADT 96		●		●	●	●	●	10
55596	DT 96			●	●	●	●	●	10
Order Code	Product Code	Product Description	Control				J Type	K Type	Box Qty.
Thermocouples									
98010	THERMOCOUPLE	1,00 meter			●				10
98015	THERMOCOUPLE	1,50 meter			●				10
98020	THERMOCOUPLE	2,00 meter			●				10
98025	THERMOCOUPLE	2,50 meter			●				10
98030	THERMOCOUPLE	3,00 meter			●				10
98040	THERMOCOUPLE	4,00 meter			●				10
98050	THERMOCOUPLE	5,00 meter			●				10
98012	THERMOCOUPLE	1,00 meter				●			10
98017	THERMOCOUPLE	1,50 meter				●			10
98022	THERMOCOUPLE	2,00 meter				●			10
98027	THERMOCOUPLE	2,50 meter				●			10
98032	THERMOCOUPLE	3,00 meter				●			10
98042	THERMOCOUPLE	4,00 meter				●			10
98052	THERMOCOUPLE	5,00 meter				●			10

Material Size: 2-10 cm Diameter: 4-6-8 cm

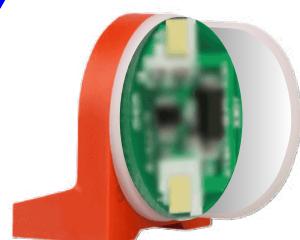
• 3,5 € for every 2 meters after 5 meters There is a price difference.

Control & Protection Relays

Photocell Relays



KFG



KFR 03



SFR 01

Order Code	Producty Code	Producty Description	1-3 Lux Adjustable	1-10 Lux Adjustable	Manual	With Relay Output	Fuse Protected	220 V AC	Box Qty.
22,5 MM Modular Type									
67015	SFR 01	1...10 Lux Adjustable	●			●		●	10
Eye Body									
67200	KFR 03	3 Lux constant, Unisolated Supply				●		●	10
Photocell Sensor									
67500	KFG								10

Panel Instruments

Panel Instruments

Overhead Connectors



Order Code	Type	Clamping Area (mm)	Conductors to be used	Number of Bolts	Box Qty.	
Bi-Metalic Connectors						
92800	A25 B16	6-25 Al/2,5-16 Cu	Rose		100	
92805	A40 B25	16-40 Al/10-25 Cu	Rose, Lily, Swallow, Sparrow		100	
92810	A70 B50	16-70 Al/10-50 Cu	Rose, Lily, Swallow, Sparrow	2 Bolts	40	
92815	A120 B70	16-120 Al/10-70 Cu	Pansy, Aster, Phlox, Oxlip, Raven, Pigeon	3 Bolts	30	
92820	A240 B120	70-240 Al/70-240 Cu	Daisy, Peony, Tulip, Canna, Partridge, Ostrich, Hawk	3 Bolts	10	
92830	A240 B240	70-240 Al/70-240 Cu	Daisy, Peony, Tulip, Canna, Partridge, Ostrich, Hawk	3 Bolts	8	
Aluminium Parallel Connectors						
92855	A25 A25	6-25	Rose		100	
92860	A40 A40	16-40	Rose, Lily, Swallow, Sparrow		100	
92865	A70 A70	16-70	Rose, Lily, Swallow, Sparrow	2 Bolts	40	
92870	A120 A120	40-120	Pansy, Aster, Phlox, Oxlip, Swallow, Raven	3 Bolts	30	
92875	A240 A240	70-240	Daisy, Peony, Tulip, Canna, Partridge, Ostrich, Hawk	3 Bolts	10	
Stopper Ending Connectors						
92880	A16 A50	16-50	Rose, Lily, Swallow, Sparrow	2 Bolts	40	
92885	A50 A95	50-95	Rose, Lily, Swallow, Sparrow	3 Bolts	40	
Bi-Metalic Covering Connectors						
92912	A25-B16		Rose			
92913	A40-B25		Rose, Lily, Swallow, Sparrow			
92914	A70-B50		Rose, Lily, Swallow, Sparrow	2 Bolts		
92915	A70-B95		Pansy, Aster, Phlox, Oxlip, Raven, Pigeon	2 Bolts		
92916	A120-B25		Daisy, Peony, Tulip, Canna, Partridge, Ostrich, Hawk	1 Bolts		
92918	A120-B70		Daisy, Peony, Tulip, Canna, Partridge, Ostrich, Hawk	3 Bolts		
92919	A240-B120		Daisy, Peony, Tulip, Canna, Partridge, Ostrich, Hawk	3 Bolts		
92920	A240-B240		Daisy, Peony, Tulip, Canna, Partridge, Ostrich, Hawk	3 Bolts		
Branch Covering						
92922	A25-A25		Rose			
92923	40-A40		Rose, Lily, Swallow, Sparrow			
92924	A70-A70		Rose, Lily, Swallow, Sparrow	2 Bolts		
92925	A95-A95		Pansy, Aster, Phlox, Oxlip, Raven, Pigeon	2 Bolts		
92926	A120-A120		Daisy, Peony, Tulip, Canna, Partridge, Ostrich, Hawk	3 Bolts		
92927	A150-A150		Daisy, Peony, Tulip, Canna, Partridge, Ostrich, Hawk	3 Bolts		
92928	A240-A240		Daisy, Peony, Tulip, Canna, Partridge, Ostrich, Hawk	3 Bolts		
Stopper Ending Connectors						
92929	A16-A50		Daisy, Peony, Tulip, Canna, Partridge, Ostrich, Hawk	2 Bolts		
92930	50-95		Daisy, Peony, Tulip, Canna, Partridge, Ostrich, Hawk	3 Bolts		
92931	A95-A120		Daisy, Peony, Tulip, Canna, Partridge, Ostrich, Hawk	3 Bolts		

Panel Instruments

Terminal & Panel Materials



Order Code	Type	Box Qty.
Insulation Piercing Connectors		
22146	Insulation Piercing Connectors AL 16-95 mm AL 1,5-50 mm ALM	40
22144	AER Insulation Piercing Connectors 25-120/25-120	40
22148	AER 2' Insulation Piercing Connectors Al150-50 mm Cu 16-95 mm	40



Order Code	Type	Box Qty.
Lighting Pole Connector		
22141	Lighting Pole Connector 1x(1,5 - 6) 2x(16-35 mm)	200



Order Code	Type	Box Qty.
Cable Clamp		
96951	3 pcs 4x16 cable can be connected 3x(14-23mm)	56



Order Code	Type	Box Qty.
Tension Clamps		
92790	PA-2000, Tension Clamps Max: 70 mm	100



Order Code	Type	Box Qty.
High Voltage Phase Indicator		
78100	CVI,No Contact IEC, LRM System	100
78101	CVI Relay, Contact IEC, LRM System	100



Panel Instruments

Panel Earthing Connections

Order Code	Type	B	H	L	L2	Box Qty.	
Panel Earthing Connectors (Cable Diameter: 6x8 mm)							
28003	3 Lines	6	8	33	—	50	
28004	4 Lines	6	8	33	—	50	
28005	5 Lines	6	8	36	—	50	
28006	6 Lines	6	8	45	—	50	
28007	7 Lines	6	8	50	—	50	
28009	9 Lines	6	8	62	—	50	
28010	10 Lines	6	8	68	—	50	
28012	12 Lines	6	8	80	—	50	
Panel Earthing Connectors With Base (Cable Diameter: 6x8 mm)							
28054	4 Lines	6	8	36	—	50	
28055	5 Lines	6	8	36	—	50	
28056	6 Lines	6	8	45	—	50	
28057	7 Lines	6	8	50	—	50	
28060	10 Lines	6	8	68	—	50	
28062	12 Lines	6	8	80	—	50	
Panel Earthing Connectors (Cable Diameter: 6,5x9 mm)							
28156	6 Lines	6,5	9	52	44	50	
28157	7 Lines	6,5	9	57	49	50	
28160	10 Lines	6,5	9	76	68	50	
28162	12 Lines	6,5	9	88	80	50	
28165	15 Lines	6,5	9	105	97	50	
28172	22 Lines	6,5	9	134	126	50	
Panel Earthing Connectors With Base (Cable Diameter: 6,5x9 mm)							
28105	5 Lines	6,5	9	85	70	50	
28106	6 Lines	6,5	9	85	70	50	
28107	7 Lines	6,5	9	90	75	50	
28110	10 Lines	6,5	9	108	95	50	
28112	12 Lines	6,5	9	120	106	50	
28115	15 Lines	6,5	9	138	124	50	
28120	20 Lines	6,5	9	165	152	50	
28120	22 Lines	6,5	9	165	152	50	
28125	25 Lines	6,5	9	195	180	50	
28130	30 Lines	6,5	9	235	220	50	

Panel Instruments

Panel Earthing Connections & Equipotential Busbars

Order Code	Type	B	H	L	L2	Box Qty.	
Panel Earthing Connectors (Cable Diameter: 7x12 mm)							
28356	6 Lines	7	12	63	55	50	
28357	7 Lines	7	12	69	61	50	
28360	10 Lines	7	12	94	84	50	
28362	12 Lines	7	12	119	100	50	
28365	15 Lines	7	12	130	121	50	
28370	20 Lines	7	12	165	157	50	
Panel Earthing Connectors With Base (Cable Diameter: 6x8 mm)							
28206	6 Lines	7	12	63	—	50	
28207	7 Lines	7	12	72	—	50	
28210	10 Lines	7	12	91	—	50	
28212	12 Lines	7	12	116	—	50	
28215	15 Lines	7	12	132	—	50	
28220	20 Lines	7	12	165	—	50	
28225	25 Lines	7	12	203	—	50	
28230	30 Lines	7	12	252	—	50	
Panel Earthing Connectors (Cable Diameter: 10x15 mm)							
28407	7 Lines	10	15	100	90	50	
28410	10 Lines	10	15	134	124	50	
28412	12 Lines	10	15	157	147	50	
28415	15 Lines	10	15	190	180	50	
28420	20 Lines	10	15	265	255	50	
Order Code	Type					Box Qty.	
Equipotential Busbar (250 A - 5x20 mm)							
28907	1 Input - 7 Output					50	
28910	1 Input - 10 Output					50	
28914	1 Input - 14 Output					50	
Equipotential Busbar(5x30 mm)							
28937	1 Input - 7 Output					50	
28940	1 Input - 10 Output					50	
28944	1 Input - 14 Output					50	
Equipotential Busbar (Double Sided - 3x50 mm)							
28957	1 Input - 7 Output					50	
28960	1 Input - 11 Output					50	
28964	1 Input - 15 Output					50	

Panel Instruments

Socketed Connectors & Push-in Distribution Connectors (Halogen Free)



Socket Connectors



Inter Connectable Modules



Junction Box Terminal



Porcelain Connectors



24 Amps 2,5-4 mm²



15x5 Rail & Ground Fixings Part



Marking Plates

Order Code	Producty Description	No	Cables Connected						Cable Diameter mm	Current (A)	Box Qty.	
Socket Connectors												
23118	Black 2 Lines										50	
23119	Black 3 Lines										50	
23117	Black 12 Lines										50	
23112	White 2 Lines										50	
23113	White 3 Lines										50	
23110	White 12 Lines										50	
Inter Connectable Moduls												
23122	2 Lines (White)										50	
23123	3 Lines (White)										50	
23128	2 Lines (Black)										50	
23129	3 Lines (Black)										50	
Junction Box Terminal												
21030		No:3	10-16mm ²	41	1x16	2x6	3x4	4x2,5			360 / 30x12	
21040		No:4	16-25mm ²	57	1x25	2x10	4x6	5x4			300 / 30x10	
21050		No:5-6	35-50mm ²	101	1x35	2x25	4x10	6x6			160 / 20x8	
21060	Double Allen	No:7	50-70mm ²	125	1x70	2x35	4x16	6x10			96 / 16x6	
21070	Double Allen	No:8	95-120mm ²	160	1x120	2x70	4x25	5x16			48 / 8x6	
21055	Single Screw	No:7	50-70mm ²	125	1x70	2x35	4x16	6x10			96 / 16x6	
Porcelain Connectors												
22515	1 Line	No.1								4	24	100
22510	2 Lines	No.1								4	24	150
22511	3 Lines	No.1								4	24	100
22520	2 Lines	No.2								6	41	100
22521	3 Lines	No.2								6	41	50
22535	1 Line	No.3								10	57	100
22530	2 Lines	No.3								10	57	50

Push-in Distribution Connectors (Halogen Free)

Modul	Output	Code Beige	Code Grey	Code Black	Code Blue	Code Brown	Code Red	Code Yellow	Code Green	Box Qty.	
24 Amps 2,5-4 mm²											
1	1+1	21201	21211	21221	21231	21241	21251	21261	21271	100	9,90
15x5 Rail & Ground Fixings Part											
Rail & Ground		21100	21110	21120	21130	21140	21150	21160	21170		2,60
Rail Aluminium		21101	—	—	—	—	—	—	—		9,90
Order Code	Modul	Producty Description								Box Qty.	
Marking Plates											
20500	Dekafix Unprinted	50 Pieces Single Piece								500	

Panel Instruments

Terminal Strips

Order Code	Type	Cable Diameter mm ²	Connection	Current (A)	Box Qty.	
Metal Inside Terminal Strips						
22710	No.1	2.5-4	12 Pcs.	—	50	
Eco Terminal Strips						
23210	No.1	2.5-4	12 Pcs.	32	50	
23220	No.2	4-6	12 Pcs.	41	50	
23230	No.3	6-10	10 Pcs.	57	50	
23240	No.4	10-16	6 Pcs.	76	50	
Eco Heat Resistant Terminal Strips						
23310	No.1	2.5-4	12 Pcs.	32	50	
23320	No.2	4-6	12 Pcs.	41	50	
23330	No.3	6-10	10 Pcs.	57	50	
23340	No.4	10-16	6 Pcs.	76	50	
Heat Resist Terminal Strips						
22010	No.1	2.5-4	12 Pcs.	32	50	
22020	No.2	4-6	12 Pcs.	41	50	
22030	No.3	6-10	10 Pcs.	57	50	
22040	No.4	10-16	6 Pcs.	76	50	
22050	No.5	16-25	6 Pcs.	101	50	
Terminal Strips With High Heat Resist						
22111	No.1	2.5-4	1 Pcs.	32	50	
22112	No.1	2.5-4	2 Pcs.	32	50	
22113	No.1	2.5-4	3 Pcs.	32	50	
High Heat Resist Terminal Strips						
22110	No.1	2.5-4	12 Pcs.	32	50	
22120	No.2	4-6	12 Pcs.	41	50	
22130	No.3	6-10	10 Pcs.	57	50	
22140	No.4	10-16	6 Pcs.	76	50	
22150	No.5	16-25	6 Pcs.	101	50	
22133	No.3	6-10	3 Pcs.	57	50	
Pre-Cut High Heat Resist Terminal Strips with Cable Protection						
22311	No.1	2.5-4	1 Pcs.	32	50	
22312	No.1	2.5-4	2 Pcs.	32	50	
22313	No.1	2.5-4	3 Pcs.	32	50	
High Heat Resist Terminal Strips with Cable Protection						
22310	No.1	2.5-4	12 Pcs.	32	50	
22320	No.2	2.5-4	12 Pcs.	41	50	
22330	No.3	2.5-4	10 Pcs.	57	50	

Panel Instruments

DIN Montage Rails

Order Code	Product Description	Size	Box Qty.
Metal DIN Rails 15x5 Non Slotted			
90071	DIN Rail	1 m	40
90081	DIN Rail	30 cm	40
Metal DIN Rails 15x5 Slotted			
90085	W Rail	1 m	40
90096	W Rail	30 cm	40
Metal DIN Rails 35x7,5 mm			
90030	W Rail	30 cm	40
90001	W Rail	1 m	40
90002	W Rail	2 m	40
90003	W Rail	3 m	40
Metal DIN Rails 35x7,5 mm Slotted			
90130	W Rail	30 cm	40
90101	W Rail	1 m	40
90102	W Rail	2 m	40
90103	W Rail	3 m	40
MG Type Aluminium DIN Rails - 35x7,5 mm Non Slotted			
90233	W Rail	30 cm	40
90241	W Rail	1 m	40
90242	W Rail	2 m	40
90243	W Rail	3 m	40
MG Type Aluminium DIN Rails 35x7,5 mm Slotted			
90234	W Rail With Holes	30 cm	40
90251	W Rail With Holes	1 m	40
90252	W Rail With Holes	2 m	40
90253	W Rail With Holes	3 m	40

Order Code	Product Description	Size	Box Qty.
Alüminium Rail Holder (35x7,5 mm)			
90290	Rail Holder		40

Panel Instruments

DIN Rail Type Sinyal Lamps ,Neutral Earthing Bar & Tribar (Three-Phase)



Order Code	Description	Box Qty.
DIN Rail Type Sinyal Lamps		
68001	1 Phase DIN Rail Signal YELLOW LED 220 VAC / 24 AC/DC10	10
68002	1 Phase DIN Rail Signal RED LED 220 VAC / 24 AC/DC10	10
68003	1 Phase DIN Rail Signal GREEN LED 220 VAC / 24 AC/DC10	10
68000	3 Phase DIN Rail Signal YELLOW/RED/GREEN LED 220 VAC	10



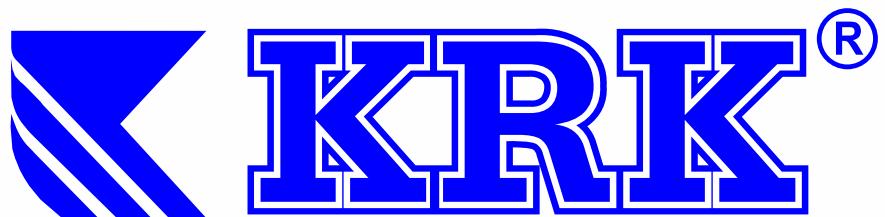
Order Code	Description	Connections	Box Qty.
(Neutral) Earthing Bar			
92040	15 x 1,5 mm x 1 m	31	40
92080	15 x 1,5 mm x 1 m	61	40
92120	15 x 2 mm x 1 m	31	40
92160	15 x 2 mm x 1 m	61	40
92310	15 x 3 mm x 1 m	31	40
92320	15 x 3 mm x 1 m	61	40
92300	Pabuç Takımı	—	



Order Code	Type	Current (A)	Modul	Box Qty.
Tribar (Three-Phase) Pin Type (3 Pole)				
91630	Pin Type 53 cm	63	10	24
91730	Pin Type 53 cm	80	10	24
91660	Pin Type 106 cm	63	20	24
91760	Pin Type 106 cm	80	20	24
91704	Pin Type 2 modul	80		25
91707	Pin Type 3 modul	80		25
91710	Pin Type 4 modul	80		25
91713	Pin Type 5 modul	80		25
91998	Tribar Closing Parts (right)			250
91999	Tribar Closing Parts (left)			250



Producer Since 1973



Call Center: 444 4 575 (From All Over Turkey)

KRK

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