



OPTIMIZATION IS OUR PROFESSION

ABB

SIEMENS
Ingenuity for life

Schneider
Electric

NIVELCO

SICK

FineTek

Rockwell
Automation



منذ نشأتها حققت شركة الكتروميكانيك العديد من النجاحات وحازت على ثقة كل من تعامل معها واثبتت جدارتها في حل الكثير من المشكلات الصناعية وذلك عن طريق فريق عمل مؤهل من ذوى الكفاءات العالية فى العديد من المجالات ومنها :

- أعمال المقاولات الكهربائية و تصميم و تنفيذ لوحات التوزيع ولوحات تحسين معامل القدرة
- أعمال تطوير و رفع كفاءة و انتاجية الماكينات و خطوط الانتاج المختلفة
- تصميم و تنفيذ أنظمة التحكم الآلى
- تصميم و تنفيذ وصيانة أنظمة الإضاءة المختلفة
- تصميم و تنفيذ وصيانة أنظمة التهوية المختلفة
- تصميم و تنفيذ أنظمة نقل الحركة بأستخدام السيور الناقلة بمختلف أشكالها
- تصميم و تنفيذ أنظمة إنذار ومكافحة الحريق

وحرصا على التميز قامت الشركة بتحديث قاعدة منتجاتها لتناسب احتياجات عملائنا الكرام لتشمل الآتى:

SIEMENS

Ingenuity for life



Industrial automation systems

- PLC (s1200 7, s1500 7, s300 7, s400 7)
- Operator controls and monitoring systems (Key panels, Basic panels, Comfort panels, Panel pc)



Ac drives

- Basic performance SINAMICS V
- General performance SINAMICS G
- High performance SINAMICS S
- Frequency inverter MICROMASTER



Industrial communication devices.

- Industrial Ethernet, PROFINET and PROFIBUS
- Industrial wireless communication



Process instrumentation

- Pressure, flow, and level transmitters
- Positioners and process recorders
- Weighing and batching systems



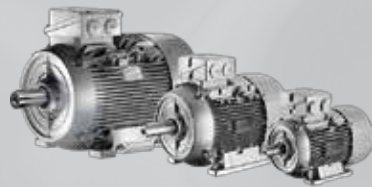
Contactors and overload relays

- Power Contactors for Switching Motors
- Contactor Assemblies
- Contactors for Special Applications
- Contactor Relays
- Coupling Relays
- Power Relays/Miniature Contactors
- Monitoring Relays
- Thermal overload relays
- Electronic overload relays



Dc drives

- SINAMICS DCM
- SINAMICS DCP



Ac induction motors

- IEC Motors
- Non-Standard Motors
- SIMOTICS HT High-Torque Motors
- Motors acc. to NEMA
- SIMOTICS XP Explosion-Proof Motors
- LOHER Motors



Soft starters



Low voltage breakers

- Air Circuit Breakers
- Molded Case Circuit Breakers
- Miniature Circuit Breakers
- Residual Current Protective Devices



Programmable controllers

- Control logix, Compact logix, Micro logix, SLC, PLC



Human machine interface

- Graphic terminals, industrial monitors, industrial computers



Soft starters

Sensors and switches

- Pressure Sensors
- Temperature Sensors
- Level Sensors
- Flow Switches
- Speed Sensing Switches
- Photoelectric Sensors
- Inductive Proximity Sensors
- Ultrasonic Sensors
- Capacitive Proximity Sensors
- Presence Sensing Safety Devices



AC motor drives



DC motor drives



Contactors and relays



Contactors and over loads



Soft starters



Low voltage circuit breakers

- Air, Molded Case and Miniature circuit breakers



Ac motor drives



Circuit breakers and switches

- Air circuit breakers
- Molded circuit breakers (NS and EasyPact)
- Thermal magnetic motor circuit
- Safety switch disconnectors
- Miniature circuit breakers



Contactors and protection relays

- Contactors for motor control
- Capacitor contactors
- Thermal overload
- Electronic overload



Level transmitters

- Ultrasonic
- Capacitive

Open channel flow meter

Multi-channel process controller



Level switches

- Float
- Conductive
- Vibrating fork
- Rotary paddle

Liquid analysis

- PH and ORP transmitters
- Conductivity transmitter



Level switch

- Fork level switch
- Capacitance level switch
- Rotary paddle level switch
- Vibrating probe level switch



Level transmitter

- Magnetic level transmitter
- Capacitance level transmitter
- Ultrasonic level transmitter
- Pressure level transmitter



Flow measurement

- Thermal dispersion flow switch
- Electromagnetic flow meter



Pneumatic product

- Air hummer
- Pneumatic vibrator
- Diaphragm valve



Position sensors

- Inductive sensors
- Capacitive sensors
- Magnetic sensors
- Cylinder sensors
- Ultrasonic sensors
- Photoelectric sensors
- Photoelectric fork sensors / angle sensors
- Laser sensors
- Distance sensors
- Fibre optic sensors and amplifiers
- Touch sensors



Process sensors

- Pressure sensors
- Vacuum sensors
- Flow sensors / flow meters
- Level sensors
- Temperature sensors
- Signal evaluation systems
- Feedback systems for valves and valve actuators

Siemens inverter catalogue number

AC motor rating In KW	Full load motor current In Amp	Siemens inverter CAT.NO.
0.75	3.72 / 3ph 220v	6SL3210-5BB17-5UV0
1.10	4.70 / 3ph 220v	6SL3210-5BB21-5UV0
1.50	6.20 / 3ph 220v	6SL3210-5BB21-5UV0
2.20	9.40 / 3ph 220v	6SL3210-5BB22-2UV0
3.00	7.00 / 3ph 380v	6SL3210-5BE24-0UV0
4.0	9.00 / 3ph 380v	6SL3210-5BE24-0UV0
5.50	12.00 / 3ph 380v	6SL3210-5BE25-5UV0
7.50	16.30 / 3ph 380v	6SL3210-5BE27-5UV0
11.00	22.50 / 3ph 380v	6SL3210-5BE31-1UV0
15.00	31.00 / 3ph 380v	6SL3210-5BE31-5UV0
18.50	37.00 / 3ph 380v	6SL3210-5BE31-8UV0
22.00	43.00 / 3ph 380v	6SL3210-5BE32-2UV0



عنوان : السوق التجاري – سموحة – الاسكندرية
 تليفون / فاكس : ٣/٤٢٠٧٨٧٨
 بريد الكتروني : electromechanic.egypt@yahoo.com

1.1 KV PVC Insulated cable current ratings

Conductor Area (Sq.mm)	Aluminum			Copper			Short Circuit Current Rating for 1Sec.duration in K. Amps	
	Ground	Duct	Air	Ground	Duct	Air	Aluminum KA for 1 second	Copper KA for 1 second
	Amp	Amp	Amp	Amp	Amp	Amp		
1X4	—	—	—	39	38	35	0.304	0.460
1X6	39	37	35	49	48	44	0.456	0.690
1X10	51	51	47	65	64	60	0.760	1.150
1X16	66	65	64	85	83	82	1.220	1.84
1X25	86	84	84	110	110	110	1.900	2.88
1X35	100	100	105	130	125	130	2.660	4.03
1X50	120	115	130	155	150	165	3.800	5.75
1X70	140	135	155	190	175	205	5.320	8.05
1X95	175	155	190	220	200	245	7.220	10.90
1X120	195	170	220	250	220	280	9.120	13.80
1X150	220	190	250	280	245	320	11.40	17.30
1X185	240	210	290	305	260	370	14.10	21.30
1X240	270	225	335	345	285	425	18.20	27.30
1X300	295	245	380	375	310	475	22.8	34.50
1X400	325	275	435	400	335	550	30.40	46.00
1X 500	345	295	480	425	355	590	38.00	57.50
1X 630	390	320	550	470	375	660	47.90	72.50
4X16	70	65	62	99	81	90	1.8	2.5
4X25	76	63	70	99	81	90	1.90	2.88
4 X35	92	77	86	120	99	110	2.66	4.03
3X50+25	110	95	105	145	125	135	3.80	5.75
3X70+35	135	115	130	175	150	165	5.32	8.05
3X95+50	165	140	155	210	175	200	7.22	10.90
3X120+70	185	155	180	240	195	230	9.12	13.80
3X150+70	210	175	205	270	225	265	11.40	17.30
3X185+95	235	200	240	300	255	305	14.10	21.30
3X240+120	275	235	280	345	295	355	18.20	27.60
3X300+150	305	260	315	385	335	400	22.80	34.50