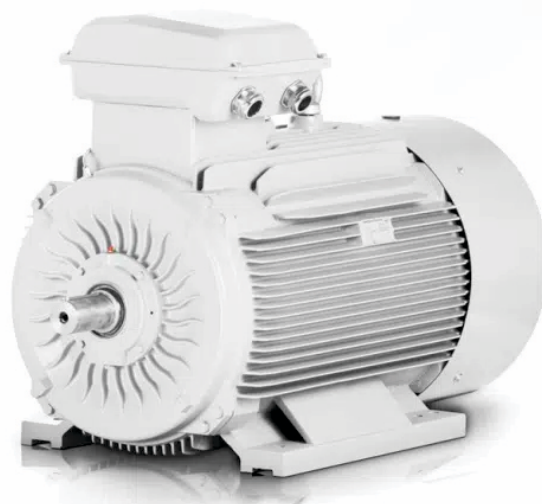


...your power partner.



Product Catalog



Nationwide Delivery to your door-step!





THERMAL OVERLOAD RELAY 0.63-1A CLASS 10A

TeSys LRD thermal overload relay, 1A/690V, thermal setting range 0.63-1A, tripping class 10A, for protection of 3-phase motors 0.25-0.37kW@400V. Differential device with phase failure and load unbalance detection. It provides a thermal adjustment dial, a manual-automatic reset selector, a test selector for simulation of a tripping, reset and stop buttons, a flag indicator and 2 auxiliary contacts 1NO+1NC for fault signalling. Settings are protected by a transparent cover lockable by sealing. Connection by screw clamp terminals, it connects directly to the bottom terminals of 3-pole contactors LC1D09-D38. Mounting on DIN rail or screw fixing, separated from the contactor, with use of a terminal block LAD7B106 (to be ordered separately). Multi standards certified (IEC, UL, CSA, CCC, EAC, ATEX, Marine), Green Premium compliant (RoHs/Reach).



ELECTRIC MOTOR 15KW 2LC160L-4, 1470RPM, HIGH EFFICIENCY

**THREE-PHASE MOTOR 15KW-20HP 1500 RPM 400/690V
FLANGE B3 IE3 - SIMOTICS FL SIEMENS**

Type 2LC-160L-4 Brand VYBO Electric Power 15 kW Rated current (400V) 28,4 A Speed 1470 rpm Frequency 50 Hz (LRT/RTL) 2,2 (BDT/RLT) 2,3 (LRA/RLA) 7,5 Efficiency 90,6 % Power factor 0,84 Noise level 73 dB(A) Frame 160 mm Poles 4 Rated voltage 400 / 690 V Con



SCHNEIDER ELECTRIC LC1DT15M7 TESYS

DECA CONTACTOR

3P(3NO), AC-3, 440V, 115A, 220V AC 50/60 HZ COIL

TECHNICAL DATA SHEET

Range of product: TeSys DeCa
Product or component type: Contactor
Device short name: LC1D
contactor application: Motor control,
Resistive load

UTILISATION CATEGORY

AC-4
AC-1
AC-3
AC-3e

POLES DESCRIPTION: 3P

[Ue] rated operational voltage Power circuit:
≤ 1000 V AC 25...400 Hz
Power circuit: ≤ 300 V DC

[Ith] conventional free air thermal current
200 A (at 60 °C) for power circuit

[Uimp] rated impulse withstand voltage: 8 kV
conforming to IEC 60947

WARRANTY: 18 months



POWER METER POWERLOGIC Pm5110, 1DO 33 ALARMS

This device is a flush-mount energy meter with a 96mm by 96mm backlit LCD display. The meter provides Class 0.5S accuracy per IEC 62053-22 standard and 64 samples per cycle. The meter will measure Energy, Active and Reactive Power, Voltage, Current, Frequency, Power Factor and up to 15th Harmonic. The meter will function in a 50Hz or 60Hz network and accepts supply voltage ranging from 100 to 415 VAC and 125 to 250 VDC. Line rated current for this meter is 1A or 5A input and will support Single Phase and Neutral, Three Phase, or Three Phase and Neutral configurations. The range of measurement voltage between Phases is 35 to 690 VAC at 47 to 63 Hz. Measurement range between Phase and Neutral is 20 to 400VAC at 47 to 63 Hz. Communication is pulse output only. The meter also has 33 configurable alarms. Product dimensions are as follows: width 3.78 inches (96 millimetres), depth 2.83 inches (72 millimetres), height 3.78 inches (96 millimetres) and product weight 13.4 ounces (380 g).



ACCESSORY CABLING KIT PROFIBUS FAST CONNECT STRIPPING TOOL

Alternate Catalog Number 6GK1905-6AB00

ARRA Compliant	C	Height [Metric]	1.8034 cm
Brand	- Siemens	Length	- 5.39 in
Buy American Compliant	C	Length [Metric]	13.6906 cm
Catalog Number	6GK19056AB00	Manufacturer	Siemens
Country of Origin	- DE	Returnable	Y
Currency	- USD	Stock Status	NONSTOCK
EU RoHS Indicator	C	UNSPSC	- 26121630
Gross Volume Per Pack	10.26	UPC11	- 66264322515
Gross Volume UOM	in	UPC12	- 662643225150
Gross Weight Per Pack	0.1980 lb	Width	- 2.68 in
Gross Weight per Pack Metric	0.09	Width [Metric]	6.8072 cm
Gross Weight UOM Metric	kg		
Harmonization Tariff Schedule			
Code	- 8208906000		
Height	- 0.71 in		



SIMATIC S7-300

Analog input SM 331, isolated, 8 AI, Resolution 9/12/14 bits, U/I/thermocouple/resistor, alarm, diagnostics, 1x 20-pole Removing/inserting with active backplane bus

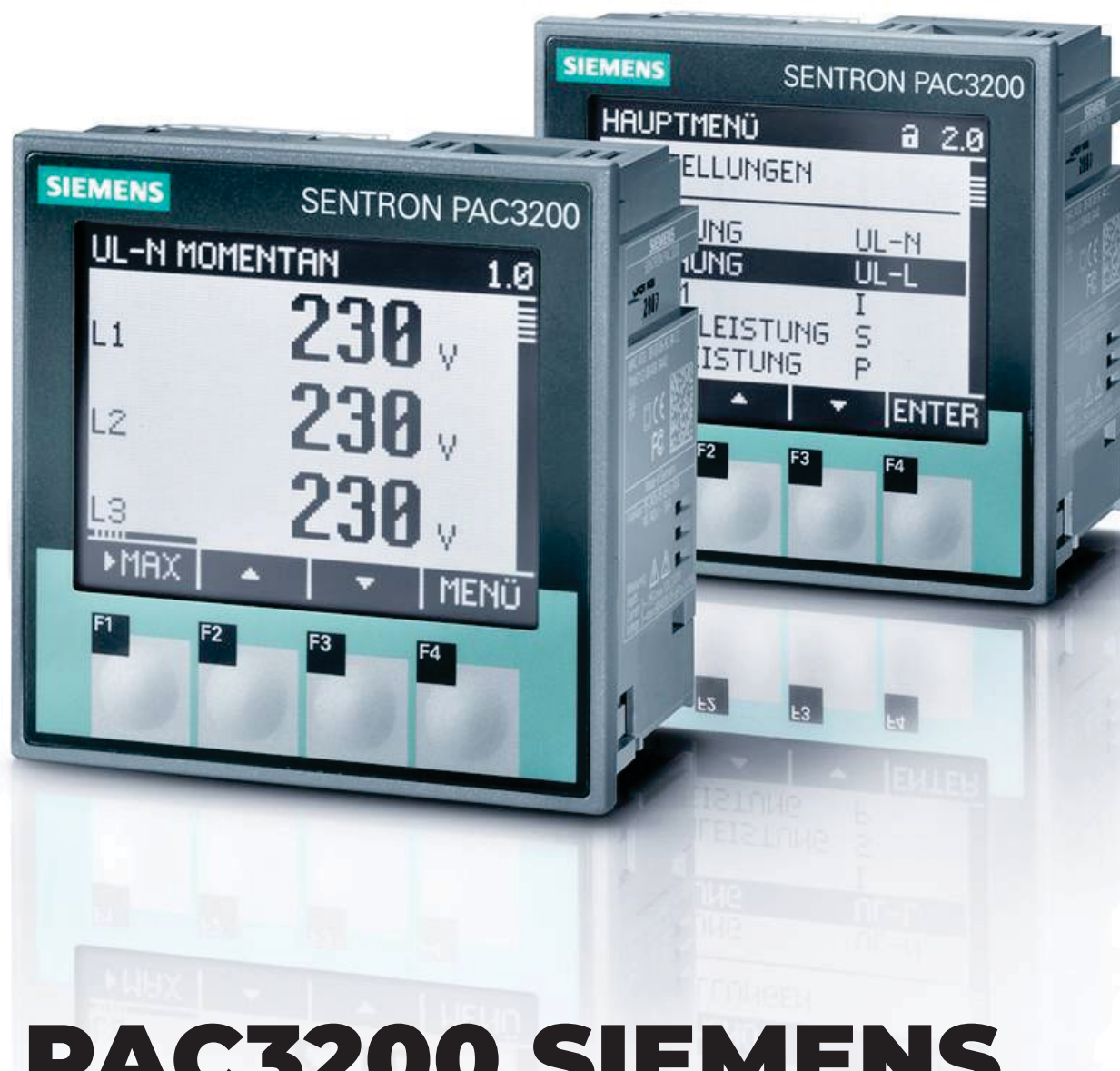


ANNUNCIATOR

COMPLETE BUZZER, PLASTIC,
22MM, CONTINUOUS OR
INTERMITTENT TONE, 230-40VAC

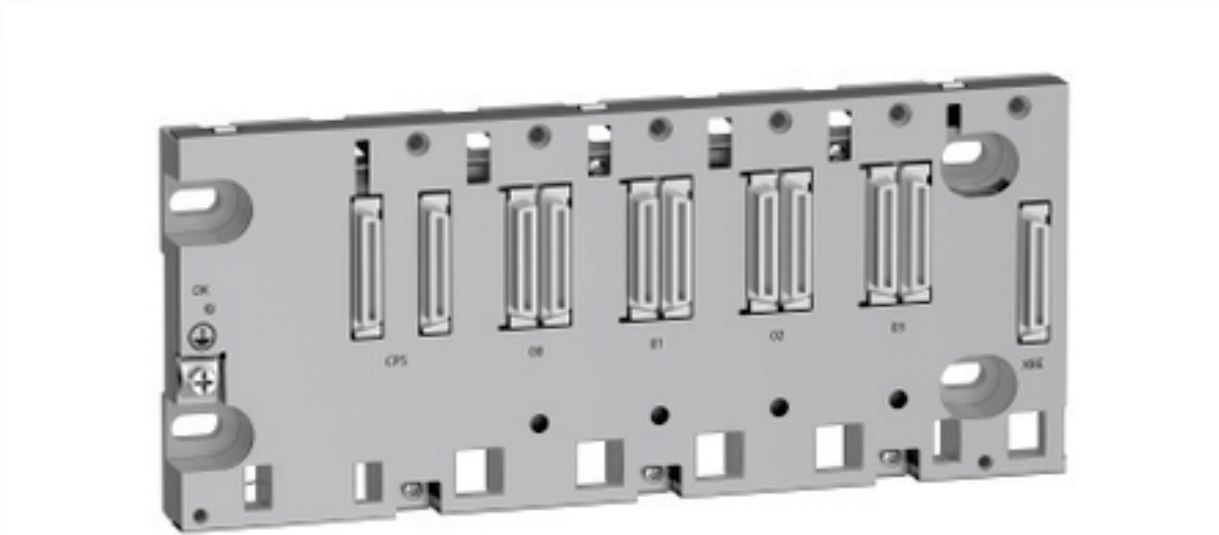
This Harmony XB5, annunciator siren is supplied with 230V to 240V AC with noise level 85dB. This annunciator siren provides a signaletic sound alarm for your installation. It is easily installed into standard 22mm diameter cut-outs. It has an IP40 protection. Its plastic bezel makes it ideal for applications requiring good resistance to chemical agents and/or double electrical insulation.

Range of product	Complementary
Harmony Xb5	Supply circuit type
product or component type	AC
Annunciator	Supply frequency
bezel material	50 Hz
Dark grey plastic	Signalling type
Mounting diameter	Continuous or intermittent tone
22 mm	Noise level
Head type	90 dB 6.8 kHz 0.1 m +/- 10 %
Standard	Resistance to high pressure washer
Cap/operator or lens colour	9000000 Pa at 80 °C, distance:
Black	0.1 m



PAC3200 SIEMENS MEASURING DEVICE

SENTRON PAC3220 LCD 96X96 mm Power Monitoring Device Control panel instrument for electrical values protocol: Modbus TCP with graphics display U rated input: 690/400V 45-65Hz IE rated input: X/1A oder X/5A AC Power supply: 100 ... 250 V +-10 % AC/DC screw connections.



RACK MODICON X80 4 SLOTS ETHERNET BACKPLANE

This product is part of the Modicon X80 range, a common platform of modules for Modicon M580 and M340 Programmable Automation Controllers (PAC). This Ethernet backplane rack is an accessory of programmable automation controllers. This 4-slot dual Ethernet and X-bus backplane provides 4 slots with 4 Ethernet and X-bus connectors for mixed modules. This product is robust, high quality and based on the latest innovative technology. It is an Ethernet backplane rack with a current of 118mA at 24V DC and 49mA at 3.3V DC. It is furnished with 1 connector (XBE) expansion module for electrical connection. It offers 2000000 hours of MTBF. It is an IP20 rated product. It weighs 0.705kg. It is suitable for medium to large process applications. It meets EN 61131-2, EN 61000-6-4, EN 61000-6-2 and EN 61010-2-201 standards. This Ethernet backplane rack is compatible with specific application module, I/O module, BMXCPS power supply, BMX processor and BME processor. Modicon X80 consists in a compatible modules common platform that reduce maintenance and training costs with same spare parts in stock, and unique training for different Programmable Automation Controllers (PAC).



SIMATIC HMI, KTP700 Basic DP

KTP700 Basic - 7" Colour Touch
+ 8 Function keys - Profibus

Basic Panel, Key/touch operation, 7" TFT display, 65536 colors, PROFIBUS interface, configurable as of WinCC Basic V13/ STEP 7 Basic V13, contains open-source software, which is provided free of charge see enclosed CD.



CONTACTOR 3P

(3 NO) 338A 24VDC

TeSys D contactor, 3 poles (3NO), for motor control applications up to 38A/690V AC-3/3e (18.5kW@400V). It provides a low consumption 24V DC coil with transient suppressor module, 1NO+1NC built-in auxiliary contacts (NC mirror certified), connection by spring terminals. For operating rates until 3600 cycles/hour and environments until 60°C, it procures high reliability and durability. Compact (45mm width), DIN-rail mounting or screw fixing. Multi standards certified (IEC, UL, CSA, CCC, EAC, Marine), Green Premium compliant (RoHS/REACH).



COMMUNICATION MODULE

CM 1241, RS422/485 SIMATIC S7-1200

ELECTRICAL TECHNICAL DATA

Supply voltage 24 V DC

Permissible range 20.4-28.8 V DC

MECHANICAL DATA

Dimensions (H x W x D) 30 x 100 x 75 mm

Mounting DIN-rail 35 mm

Connection D-Sub 9 (female)

AMBIENT CONDITIONS

Ambient temperature min. -20 °C

Ambient temperature max. 50 °C

Protection rating Ip20





SENTRON PAC3220 LCD 96X96 MM POWER MONITORING DEVICE

Control panel instrument for electrical values protocol: Modbus TCP with graphics display U rated input: 690/400V 45-65Hz IE rated input: X/1A oder X/5A AC Power supply: 100 ... 250 V +-10 % AC/DC screw connections.



POWER CONTACTOR SIRIUS AC-3 12AMP 5.5KW 3POLE

Power contactor, AC-3e/AC-3, 12 A, 5.5 kW / 400 V, 3-pole, 24 V DC, auxiliary contacts: 1 NO + 1 NC, screw terminal.



XVS10BMW ULTRA SOUND SIREN 12 24VDC 2 TONES

This Harmony XVS10BMW is a multi-sound siren 12/24V DC 2 tones. It is part of the range Harmony XVS sirens and electronics alarms range.

RANGE OF PRODUCT

Harmony XVS

product or component type

Siren

Device short name

XVS

Colour

White

Signalling type

2 tones siren

[Us] rated supply voltage

12 V AC/DC

24 V AC/DC

Noise level

106 dB (continuous or intermittent tone) at 1 m

Complementary

MATERIAL

PC: body

net weight

0.8 kg

marking

CE

[Uimp] rated impulse withstand voltage

0.8 kV

Current consumption

300 mA at 24 V

500 mA

Clamping connection capacity

$\leq 1 \times 1.5 \text{ mm}^2$



MINIATURE CIRCUIT BREAKER

63A C 3P Acti9 iC60N

This Acti9 iC60N is a low voltage miniature circuit breaker (MCB). It is a 3P circuit breaker with 3 protected poles, 63A rated current and C tripping curve. The rated short circuit breaking capacity goes up to 20kA at 220VAC to 240VAC conforming to EN/IEC 60947-2 standard and 6000A at 415VAC conforming to EN/IEC 60898-1 standard. It complies with both industrial standard EN/IEC 60898-1 and residential standard EN/IEC 60947-2. This miniature circuit breaker protects circuits against short circuit and overload current. Its unique VisiTrip indicator reduces intervention time by showing the faulty circuit. Its VisiSafe green strip guarantees the physical opening of the contacts to allow downstream maintenance. Its fast closing mechanism independent of manual operation improves its service life. It has an electrical endurance going up to 10000 cycles and a mechanical endurance going up to 20000 cycles. The Ui rated insulation voltage is 500VAC. Its limitation class 3 (according to EN/IEC60898-1) improves downstream circuit protection cost. The product can be clipped on a DIN rail. Its width is 6 pitches of 9mm. Pollution degree is 3. The product colour is white (RAL9003). The dimensions are (W) 54mm x (H) 85mm x (D) 78.5mm. The weight is 0.375kg. According to IEC 60529 standard, the degree of protection is IP20 and IP40 in enclosure. The operating temperature is -35°C to 70°C. The storage temperature is -40°C to 85°C.

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- Generator Synchronization Panels
- Cabling

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- Hydro Electric Power Generation HEP
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- Solar Power Generation

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