Remote keypad for ADX... types

51 ADX TAST

Accessories for ADX... types

51C4

4PX1

Order code	Description	Qty per pkg	Wt
		n°	[kg]
51 ADX TAST	Remote keypad 96x96mm, 2x16 backlit LCD, 208-240VAC supply c/w 3m/10ft long connecting cable	1	0.350
51 C2	PC ↔ ADX connecting cable, 1.8m/6ft long	1	0.090
51 C3	PC ↔ GSM modem connecting cable, 1.8m/6ft long❶	1	0.210
51 C4	PC ↔ 4 PX1 converter drive connecting cable, 1.8m/6ft long	1	0.147
51 C5	ADX ↔ Analog modem connecting cable, 1.8m/6ft long❶	1	0.111
51 C6	ADX ↔ 4 PX1 converter drive connecting cable, 1.8m/6ft long	1	0.102
51 C7	ADX ↔ GSM modem "FUNK-ANLAGEN" ❶ connecting cable, 1.8m/6ft long	1	0.101
51 C8	ADX ↔ remote keypad connecting cable, 3m/10ft long	1	0.081
4 PX1	RS232/RS485 converter drive, opto-isolated, 220-240VAC❷	1	0.600
31 PA 96X96	Protective cover (IP54)	1	0.077

❶ Consult Customer Service for modem details; see contact details on inside front cover.
❷ RS232/RS485 opto-isolated converter drive, 38,400 Baud-rate maximum, automatic or manual TRANSMIT line supervision, 220-240VAC ±10% supply (110-120VAC available on request).

General characteristics
The flush-mount ADX TAST remote keypad is identical to the one on board the soft starter except for the start and stop controls of the motor, which are permanently disabled. With this keypad, starter setup can be conducted, motor readings and operating data displayed and data and parameter transfer (ADX ↔ remote keypad) made as well.
A backup copy of the starter data and parameter setup is obtainable with the transfer functions. As a result quick and easy setup operations can be done especially with machines assembled in series.
The baud transmission rate, the contrast and backlight can also be adjusted by this keypad.
It is supplied standard with a 3m long cable and suitable connectors to complete the link to the ADX RS485 port. The three terminals of the keypad supply are removable.
For longer distances, this keypad can be connected to the ADX RS232 port via RS232/RS485 converter.

Advantages
- Flush mount
- Messages in selectable language
- Readings display
- Parameter setup
- Two-way data and parameter transfer.

Operational characteristics
- Auxiliary supply voltage: 208-240VAC ±10%
- Power consumption: 6.9VA
- Dissipation: 3.2W
- Mains frequency: 50/60Hz
- RS485 port: RJ44 connector
- Supply: Removable 3-pole 2.5 mm² terminal block.
- Display: 2 line, 16 character backlit LCD
- LED indication (3): POWER, RUN and FAULT
- Keys (6) ENTER/START, RESET/STOP, ←PREVIOUS, NEXT→, ▼ and ▲
- Ambient conditions
  - Operating temperature: -10...+60°C
  - Storage temperature: -20...+70°C
- Flush mount enclosure
- Degree of protection on front: IP41; IP54 with protective cover.

Certifications and compliance
Certifications obtained: EAC.
Compliant to standards: IEC/EN 61000-6-1 and IEC/EN 61000-6-3 for 4 PX1 types.

Remote control software for ADX... types

51 ADX SW

Order code	Description	Qty per pkg	Wt
		n°	[kg]
51 ADX SW	PC-ADX remote control software with proprietary ASCII and Modbus® RTU protocols and a set of connecting cables 51 C2, 51 C3, 51 C5, 51 C7 for communications via RS232 port, analog or GSM modem	1	0.550

The remote control software consents to the PC supervision of all ADX soft starter functions, including: parameter setup, real-time readout display, graphics of monitored parameter data during operation and starter events log display, each with time and date entry.
The PC-ADX connection is made by cable via the RS232 port, RS232/RS485 converter, analog or GSM modem.
The RS232 port is not suitable for permanent connections.
The connection via modem permits the ADX starter to advise alarm conditions, that is an automatic link to the remote PC.
GSM modem represents the ultimate solution for unmanned applications or where there are no telephone lines.
Interesting communication features are available with this type of modem, such as:
- SMS (Short Message Service): At alarm conditions, the ADX can send its ID and alarm code, with time and date entry. The advantage is the possibility of reaching service people, without delay, wherever they are located.
- Email (via Internet): a message with the same structure as mentioned above can be transmitted to a specified mailbox. The advantages of this type of message with respect to the SMS are that any communication, received through Internet mail server, is permanent and a vast number of these can be received and reviewed at any time.

General characteristics
- Display of all the monitored data by the ADX starter
- Virtual ADX keypad with access to all functions
- Parameter adjustment, only accessible with password, saving on disc and subsequent reloading on ADX starter
- Display of starter events log showing time and date entry
- Graphic display of monitored data during operation
- Connection through RS232/RS485 converter or modem
- GSM-modem management with SMS or e-mail transmission
- AUTOCALL function for automatic PC call
- Program configuration in 4 languages (Italian, English, Spanish and French)
- Easy installation and setup.

Advantages
- GSM network management for inaccessible applications where there are no telephone lines
- Call management during alarm conditions for SMS or email transmission
- No limit for remote control distance
- Possibility of remote motor starting
- Reduction of service time
- Reduction of maintenance and downtime.

Operational characteristics
Minimum hardware requirements of the personal computer:
- Windows 95/98 operating system
- Minimum Pentium 100MHz or processor
- Minimum 16MB of free RAM
- About 4MB of free hard disk memory
- Graphic card having at least 800x600 resolution
- One free serial interface port
- CD-ROM drive.

Example of main window frame using 51 ADX SW remote control software