

TeSys Control

Ultra motor starters - Communication modules

Product references



LUFC00

Ultra motor starters



LULC033



ASILUFC51



LULC07



LULC15



LU9BN11C



LU9BN11L



LU9MRC



LU9MRL

Auxiliary parallel wiring module ⁽¹⁾

Auxiliary parallel wiring module for Modicon Telefast system

Inputs

They collect the FWD, REV controls from an automation process.

An RJ45 parallel port is used, for connection to the 24 V DC outputs of a PLC.

Outputs

They give the position of the control pad and the state of the poles,

They provide 24 V DC controls to the LUB120, 320 or 380 power base coil via the LU9BN11C adapter (A2, A1) or to the LU2B12, 32, 38 power base coil with a LU9MRC adapter (A2, A1, A3).

Compatibility - Positioning

The parallel wiring module can only be used in any Ultra power base,

with LUC●●● control unit with coil voltage

Compatible with:

- Modicon TM3 (map I/O controllers for RJ45 M221, M241, M25)
- Modicon STB modules (I/O for automation island)
- Modicon Telefast (interfaces RJ45/HE10).

The parallel wiring module is inserted in cavity B.

Note: the parallel wiring module must be connected to a **LU9G02** or **LU9G03** Telefast distribution

Note: more details on parallel wiring page A4/16.

Designation	References
Ultra power base parallel wiring module	LUFC00

Communication modules

Communication modules

These modules send the control pad position and pole state to a communicating system (PLC, monitoring system,...)

They collect the Forward, Reverse motor controls from an automation process.

The status and controls are coded according to an industrial communication protocol, depending on the communication module.

Bus cable connection, external power supply by crew clamp terminals.

Connector for coil control (to A1-A3-A2) via a prewired connection (LU9BN● for 1-direction control, LU9MR● for 2-direction control)

Compatibility - Positioning

The communication modules can only be used in a LUB120, LUB320 or LUB380 power base, in cavity B.

Designation	References
Ultra Modbus communication module	LULC033
Ultra AS-Interface communication module	ASILUFC51
Ultra Profibus DP communication module	LULC07
Ultra CANopen communication module	LULC08
Ultra DeviceNet communication module	LULC09
Ultra Advantys STB communication module	LULC15

Note: Ethernet communication can be achieved with **LULC033** + **ConneXium Port** (ref. **TCSEQM113M13M**)

Note: more details on bus-type communication page A4/21.

Prewired connectors

They provide the necessary electrical link between a parallel or communication module and the coil supply connector, on the power base or reverser block. Thus, ON-OFF (1 direction) or FORWARD-REVERSE (2 direction) controls can be achieved.

Prewired connection	References	Compatibility with modules
1 direction Short cable	Side connection	LU9BN11C
	Bottom connection	LU9BN11L
2 direction Long cable	Side connection	LU9MRC
	Bottom connection	LU9MRL

Introduction:
pages A4/16 to A4/19, A4/21 to A4/23

Characteristics:
pages A4/24 to A4/29, A4/51 to A4/55

Schemes:
pages A4/64 to A4/67