

Drive Control Box

User's Manual



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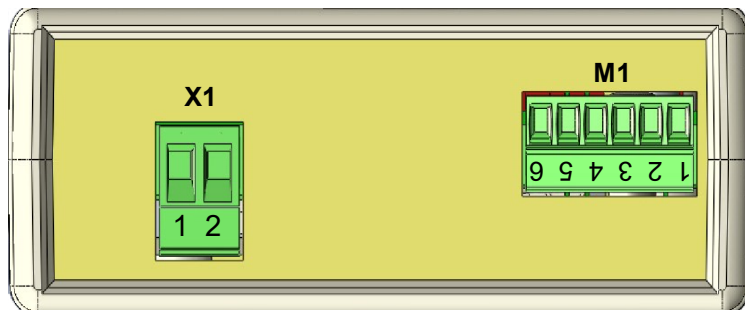
2.0- COLLEGAMENTI LOGICI DIGITALI E ANALOGICI..... 2.0- DIGITAL AND ANALOG LOGIC CONNECTIONS..... pag. 3

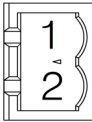
1.0 GENERALITA' / GENERALITY

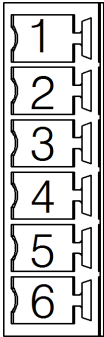


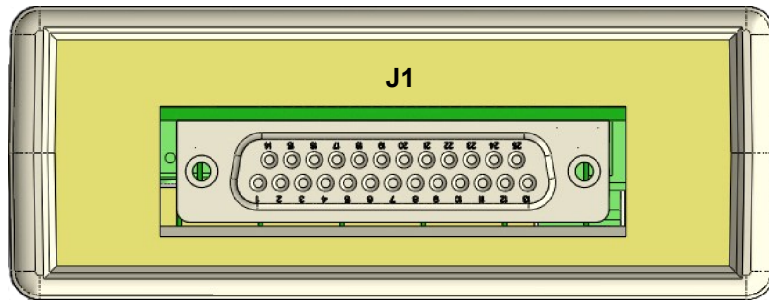
| | |
|--|--|
| CAMPO D'IMPIEGO <i>FIELD OF USE</i> | Industria, settore elettrico ed elettronico per applicazioni relative al motion control. <i>Electric and electronic industry for motion control.</i> |
| DESTINAZIONE D'USO <i>INTENDED USE</i> | Questo prodotto è stata realizzato per un primo collaudo degli azionamenti OPDE, miniOPDE e OPDE (S.T.O.). <i>This product was designed for initial testing of OPDE , miniOPDE and OPDE (S.T.O.) drivers.</i> |

2.0 COLLEGAMENTI LOGICI DIGITALI E ANALOGICI DIGITAL AND ANALOG LOGIC CONNECTONS



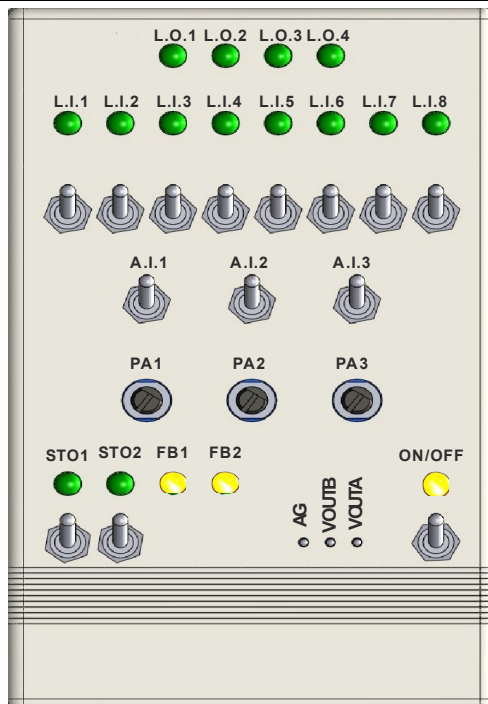
| X1 | PIN | FUNZIONE FUNCTION | DESCRIZIONE / DESCRIPTION |
|--|-----|----------------------|---|
|  | 1 | 0V | Alimentazione scatola I _{ass} =300mA DC power supply |
| | 2 | +24V | |

| M1 | PIN | FUNZIONE FUNCTION | DESCRIZIONE / DESCRIPTION |
|---|-----|----------------------|--|
|  | 1 | +24V | Tensione di alimentazione per i 2 canali della funzione STO. Supply voltage for the 2 channels of the STO function. |
| | 2 | 0V | |
| | 3 | STO_1 | Uscite logiche. (+24V rif. PIN 22 J1) |
| | 4 | STO_2 | Logic Outputs. (+24V ref. PIN 22 J1) |
| | 5 | STO_FB1_B | Ingressi logici. (+24V rif. PIN 22 J1) |
| | 6 | STO_FB2_B | Logic Inputs. (+24V ref. PIN 22 J1) |



| PIN | FUNZIONE FUNCTION | DESCRIZIONE / DESCRIPTION |
|-----|----------------------|---|
| | | |
| 1 | L.I.7 | Uscite logiche. (+24V rif. PIN 22) Logic Outputs. (+24V ref. PIN 22) |
| 2 | L.I.6 | |
| 3 | L.I.5 | |
| 4 | L.I.4 | |
| 5 | L.I.3 | |
| 6 | L.I.2 | |
| 7 | L.I.1 | |
| 8 | /L.O.4 | Ingressi logici. (+24V rif. PIN 22) Logic Inputs. (+24V ref. PIN 22) |
| 9 | /L.O.3 | |
| 10 | L.O.3 | |
| 11 | /L.O.2 | |
| 12 | /L.O.1 | |
| 13 | L.O.1 | |
| 14 | N.C. | |
| 15 | N.C. | |
| 16 | V OUTB | Ingressi analogici. (+/- 10V rif. PIN 21) Analog Inputs. (+/- 10V ref. PIN 21) |
| 17 | V OUTA | |

| | | |
|----|-------|---|
| 18 | A.I.3 | Uscite analogiche. (+/- 10V rif. PIN 21) Analog Outputs. (+/- 10V ref. PIN 21) |
| 19 | A.I.2 | |
| 20 | A.I.1 | |
| 21 | AG | 0V dell'azionamento / driver's 0V |
| 22 | 0V | 0V della scheda / board's 0V |
| 23 | -10V | Alimentazione stabilizzata 10mA massimi (rif. PIN 21) Stabilized supply 10mA maximum (ref. PIN 21) |
| 24 | +10V | |
| 25 | L.I.8 | Logic Output. (+24V ref. PIN 22). |



DESCRIZIONE COMANDI

- LO1,LO2,LO3,LO4 : Segnalazione di abilitazione delle uscite logiche configurabili.
- LI1,LI2,LI3,LI4,LI5,LI6,LI7,LI8 : Comando di abilitazione degli ingressi logici configurabili.
- AI1,AI2,AI3 : Riferimento $\pm 10V$ degli ingressi analogici configurabili.
- PA1,PA2,PA3 : Controllo degli ingressi analogici configurabili.
- STO1,STO2 : Comando di abilitazione dei canali STO.
- FB1,FB2 : Feedback dei canali STO.
- VOUTA,VOUTB : Test point delle uscite analogiche configurabili.

DESCRIPTIONS OF CONTROLS

- LO1,LO2,LO3,LO4 : Signaling enablement of Configurable Logic Outputs.
- LI1,LI2,LI3,LI4,LI5,LI6,LI7,LI8 : Enabling control of configurable Logic Inputs.
- AI1,AI2,AI3 : Reference $\pm 10V$ of Configurable Analog Inputs.
- PA1,PA2,PA3 : Control command of Configurable Analog Inputs.
- STO1,STO2 : Enabling control for STO channels.
- FB1,FB2 : STO channels feedback.
- VOUTA,VOUTB : Test point of configurable Analog Output.

Per ordinare / for order :

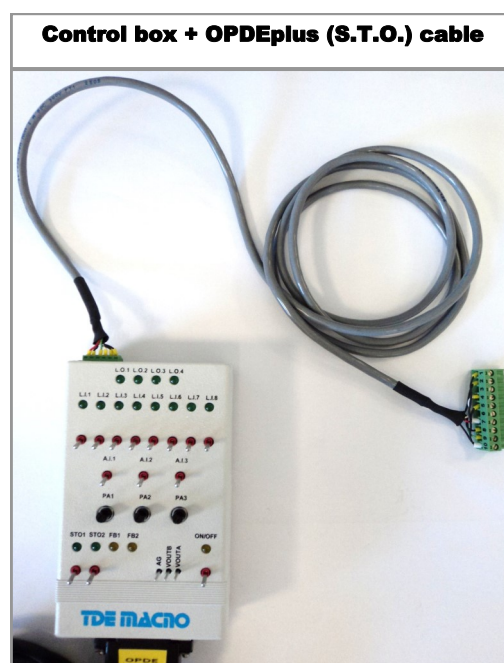
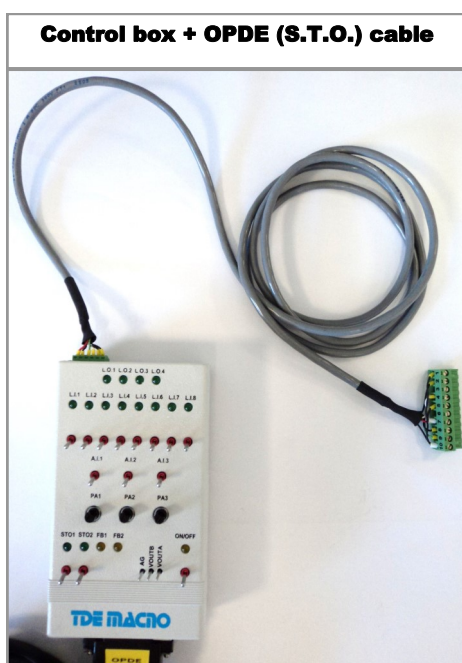
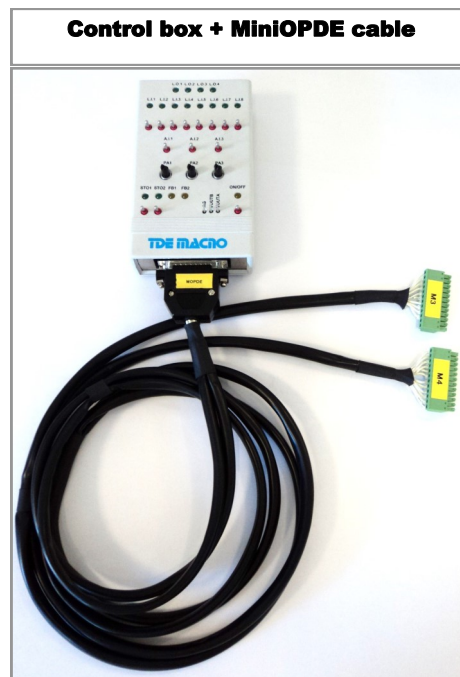
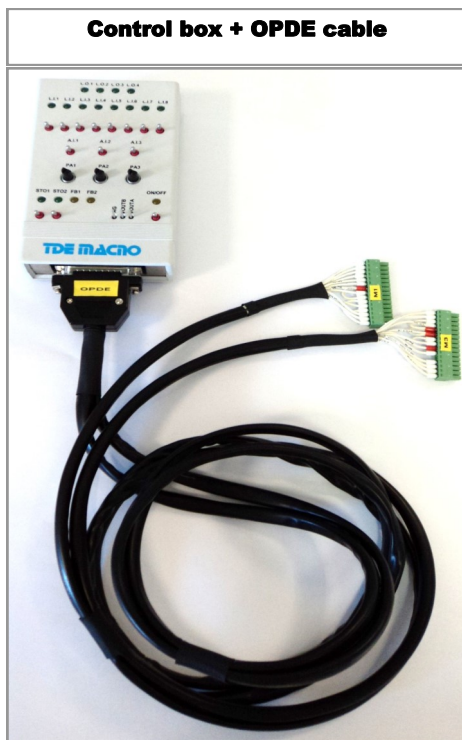
Control box : 1079OPDEMOPDE0

OPDE/OPDEplus cable : 1COL42022X

OPDE (S.T.O.) cable : 1COL42024X

OPDEplus (S.T.O.) cable : 1COL51101X

MOPDE cable : 1COL42023X





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