

ALXION

AUTOMATIQUE & PRODUCTIQUE

Cables marking for ST & STK MOTORS

N°0000000-WP024

| | | |
|--|--|-----------------------|
| ALXION AUTOMATIQUE & PRODUCTIQUE | Cables marking for ST & STK MOTORS | EMETTEUR : sv |
| | | Modifié le : 18/06/08 |
| | | N° 0000000-WP024 |
| | | Indice : C |
| | | Page 2/8 |

MODIFICATIONS

| Date | Indice | Modifications | Visa | Origine |
|-------------|---------------|---|-------------|----------------|
| 13/03/06 | A | Création du document | JMC | BE |
| 20/04/06 | B | Updated wiring for 7,8 & 9 encoder options | JMC | BE |
| 18/06/08 | C | Modified cable markink for codeur ERN180 or ERN1381 | SV | BE |

Cables marking for STK motors

Power cable

In case of wires output or shielded cable output marking is the same.

| | |
|---------|--------|
| Phase 1 | U or 1 |
| Phase 2 | V or 2 |
| Phase 3 | W or 3 |

Thermal sensors cable

| | |
|-------|--------------|
| KTY84 | Green/Yellow |
| PTC | Brown/White |

Cables marking for ST motors

Power cable

| | |
|---------|--------|
| Phase 1 | U or 1 |
| Phase 2 | V or 2 |
| Phase 3 | W or 3 |

Resolver cable (Options 1 & 6)

| | |
|--------|----------------|
| Green | Sine+ |
| Yellow | Sine- |
| White | Cosine+ |
| Brown | Cosine- |
| Red | Input Carrier+ |
| Blue | Input Carrier- |
| Grey | PTC |
| Pink | PTC |
| Black | KTY84 |
| Violet | KTY84 |

| | | |
|---|---|-----------------------|
| ALXION AUTOMATIQUE & PRODUCTIQUE | Cables marking for ST & STK MOTORS | EMETTEUR : sv |
| | | Modifié le : 18/06/08 |
| | | N° 0000000-WP024 |
| | | Indice : C |
| | | Page 5/8 |

ERN180 or ERN1381 cable (Option 2 & 5)

| | |
|--------|---------|
| Green | A+ |
| Yellow | A- |
| Blue | R+ |
| Red | R- |
| Grey | B+ |
| Pink | B- |
| White | 0V |
| Brown | Up |
| Black | Thermal |
| Violet | Thermal |

Thermal sensor can be either KTY84 or PTC.

| | | |
|--|--|-----------------------|
| ALXION AUTOMATIQUE & PRODUCTIQUE | Cables marking for ST & STK MOTORS | EMETTEUR : sv |
| | | Modifié le : 18/06/08 |
| | | N° 0000000-WP024 |
| | | Indice : C |
| | | Page 6/8 |

SCS KIT 101 cable (Option 3)

| | |
|--------|-------------|
| White | Us |
| Brown | GND |
| Green | REFSIN |
| Yellow | +SIN |
| Pink | +COS |
| Grey | REFCOS |
| Blue | DATA+ RS485 |
| Red | DATA- RS485 |
| Black | Thermal |
| Violet | Thermal |

Thermal sensor can be either KTY84 or PTC.

| | | |
|--|--|-----------------------|
| ALXION AUTOMATIQUE & PRODUCTIQUE | Cables marking for ST & STK MOTORS | EMETTEUR : sv |
| | | Modifié le : 18/06/08 |
| | | N° 0000000-WP024 |
| | | Indice : C |
| | | Page 7/8 |

ERN1387 cable (Option 4)

| | |
|-------------|---------|
| White | A+ |
| Brown | A- |
| Green | R+ |
| Yellow | R- |
| Pink | D+ |
| Grey | D- |
| Blue | C+ |
| Red | C- |
| Black | Thermal |
| Violet | Thermal |
| Grey/Pink | B+ |
| Red/Blue | B- |
| White/green | 0V |
| Brown/Green | Up |

Thermal sensor can be either KTY84 or PTC.

| | | |
|--|--|-----------------------|
| ALXION AUTOMATIQUE & PRODUCTIQUE | Cables marking for ST & STK MOTORS | EMETTEUR : sv |
| | | Modifié le : 18/06/08 |
| | | N° 0000000-WP024 |
| | | Indice : C |
| | | Page 8/8 |

ECN113 or ECN1313 or EQN1325 cable (Options 7, 8 & 9)

| | |
|-----------|---------|
| White | Up |
| Brown | 0V |
| Green | A+ |
| Yellow | A- |
| Pink | B- |
| Grey | B+ |
| Blue | DATA+ |
| Red | DATA- |
| Black | CLOCK+ |
| Violet | CLOCK- |
| Grey/Pink | Thermal |
| Red/Blue | Thermal |

Thermal sensor can be either KTY84 or PTC.