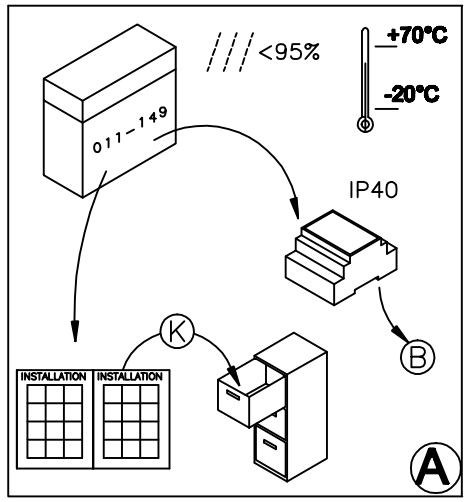
# INSTALLATION

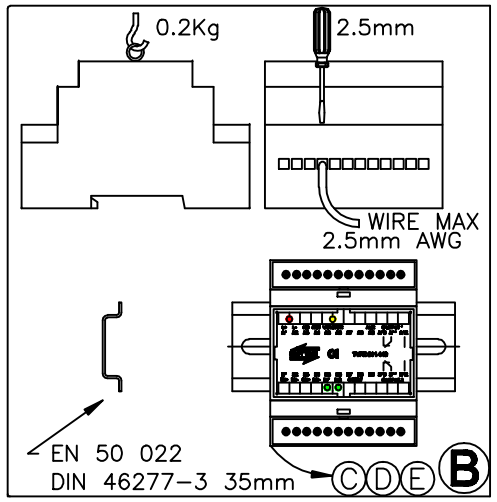
SAFETY RELAY
011–149

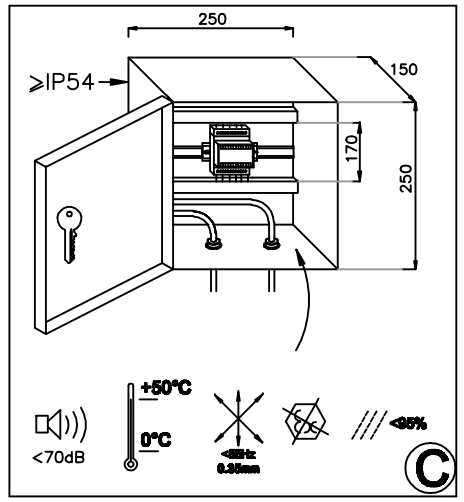
CD076/100610

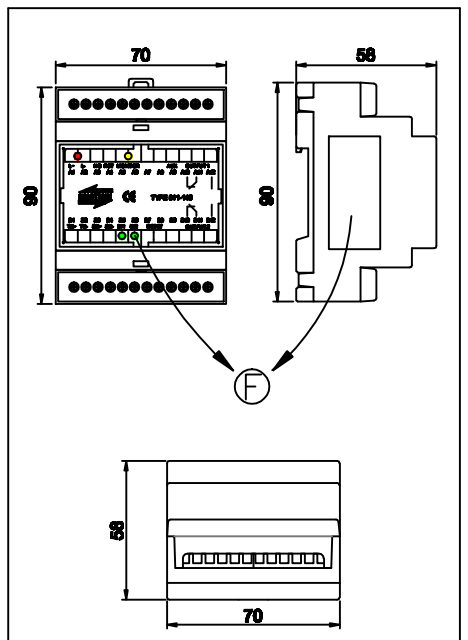
CD076/100610

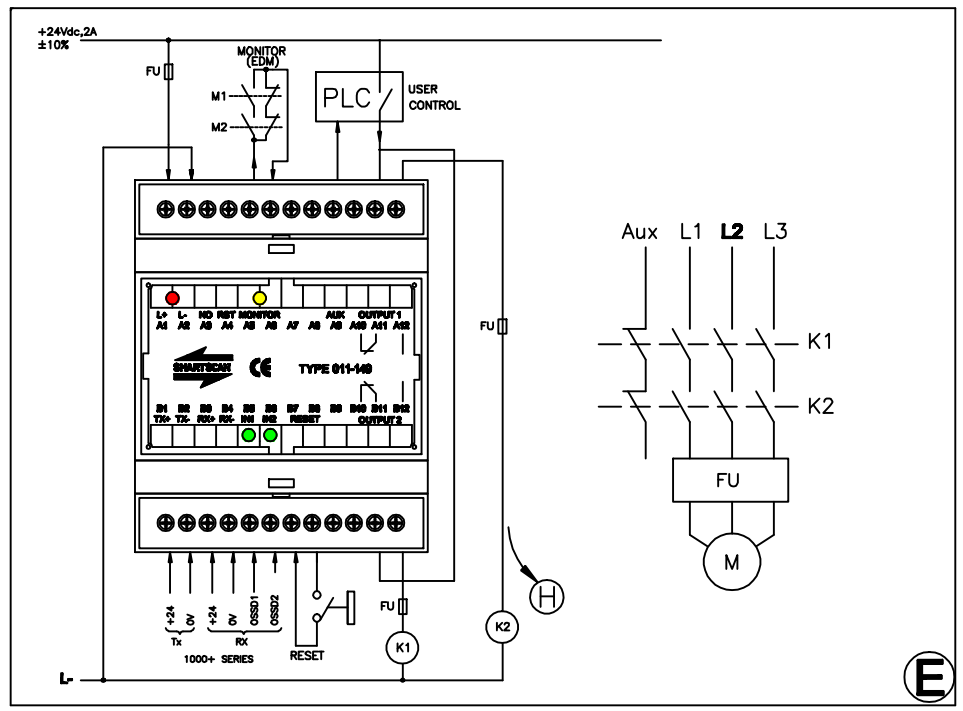
SMARTSCAN

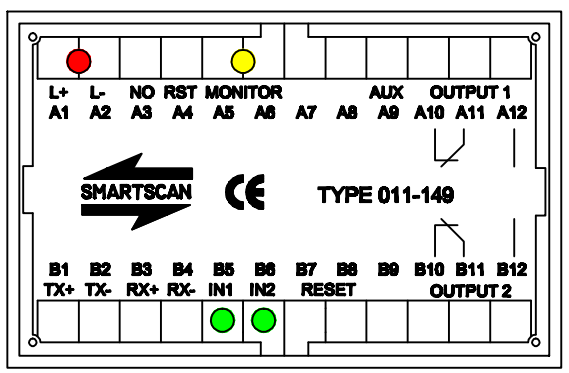


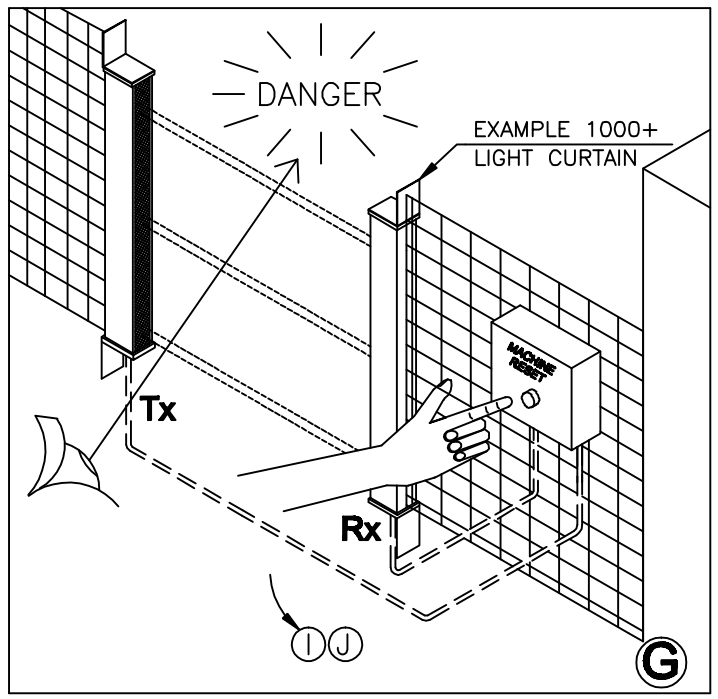



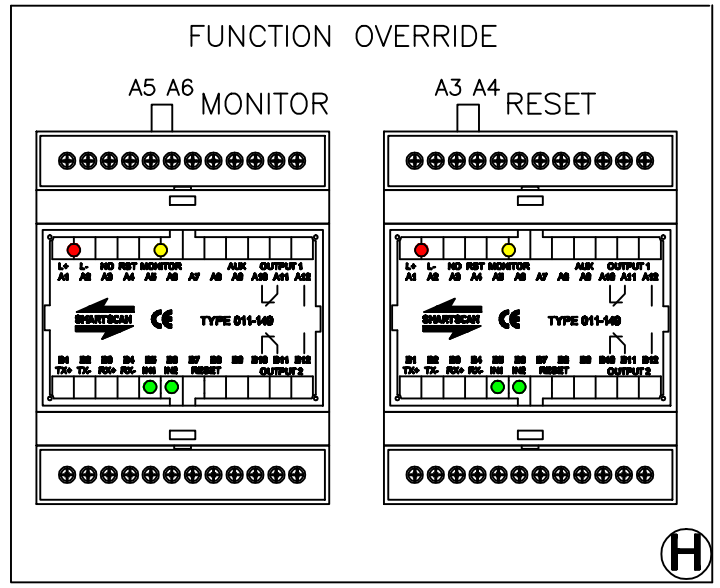



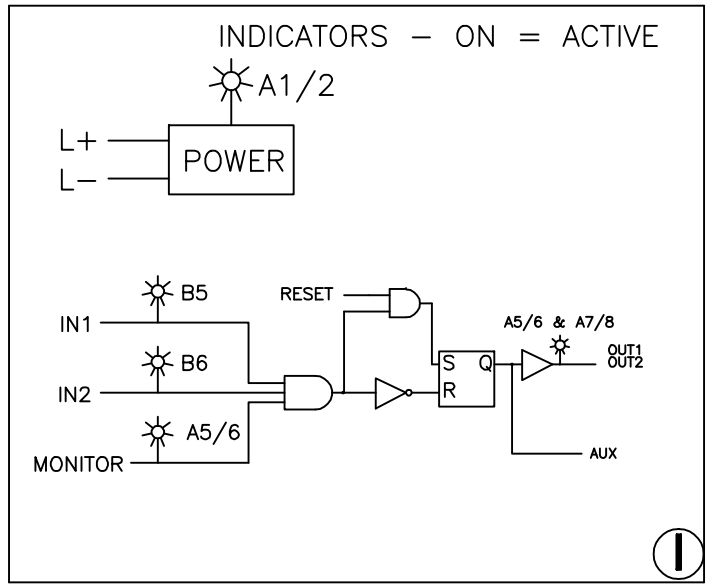

V = +24V DC
I = 120mA + LC
= 230V AC 4A
= $10^6$ OPERATIONS
= 30mS
= IP40
= EN954–1 CATEGORY 3
= BS EN62061 SIL 2
= BS ENISO 13849 PL 'd'

SMARTSCAN LTD. CORBY. NORTHANTS. NN17 5XJ. UK.
TEL: +44(0)1536 401313 FAX: +44(0)1536 268954

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CD076J/231209

## EC Declaration of Conformity

**Product:** Smartscan Multi-Function Unit (MFU) safety controller
**Models:** 011-149, 011-151, 011-155, 011-160

Smartscan Limited, Pywell Road, Willowbrook Industrial Estate, Corby, Northamptonshire, NN17 5XJ

Declares that the safety components(s) described:
011-149, 011-151, 011-160 Serial Numbers: Between 800 000 – 899 999
011-155 Serial Numbers: Between 300 000 – 319 999

Fulfils the following safety function: Safety relay controller (011-149 in conjunction with 1000+ series light curtain products)

**Conforms to the following Directives:**

| | |
|---|---|
| Machinery Directive | 98/37/EC, 2006/42/EC |
| Electromagnetic Conformity Directive | 2004/108/EC |
| Low-Voltage Directive | 2006/95/EC |

**Complies with the relevant requirements of the following Standards:**

| | 011-149 | 011-151 | 011-155 | 011-160 |
|---|---|---|---|---|
| EN 954-1, | Category 3 | Category 4 | Category 4 | Category 4 |
| IEC 62061 | SIL2 | SIL 3 | SIL 3 | SIL 3 |
| EN ISO 13849-1 | PL d | PL e | PL e | PL e |

**Uses the following standards:**
ISO 12100-1, ISO 12100-2, EN 60204-1, EN 415-4

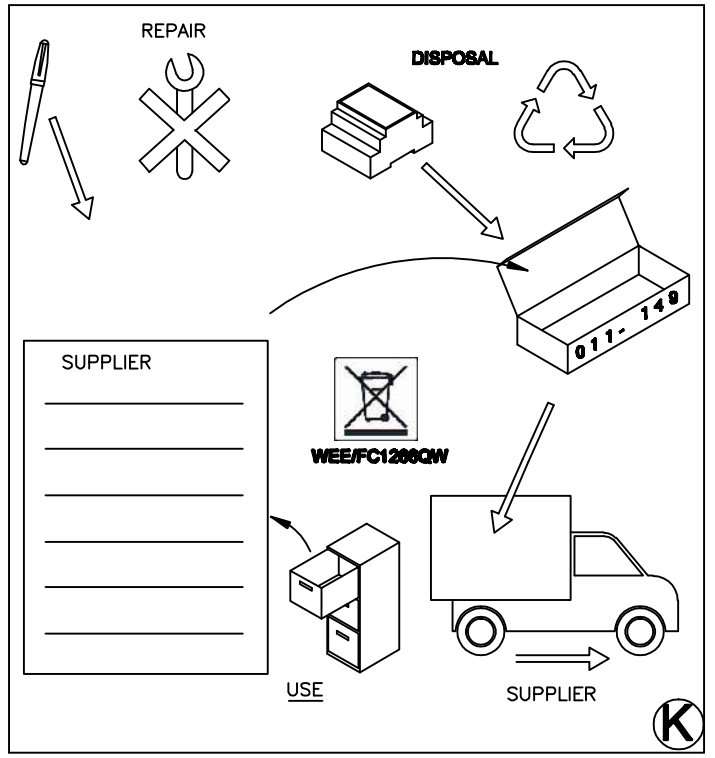
Complies with the examples to which the EC type examination certificate below relates, and is in conformity with the protection requirements of Council Directive 2004/108/EC, as amended, on the approximation of the laws of the Member States relating to electromagnetic compatibility.

The component is of a type listed in Annex IV of the Machinery Directive. Examples have been submitted for type examination by the approved body identified below:

Selcert Limited Notified Body Number 1674
Address Pywell Road, Corby, Northamptonshire. NN17 5XJ
Certificate No. S20040809

Signed _____ Date: 23.12.2009
Title: Project Manager

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| GLOSSARY ENGLISH | GLOSSAIRE FRANCAIS | ORDBOG DANSK | GLOSSAR DEUTSCHE | BIBLIOGRAFIE DUTCH | GLOSSARIO ITALIANO | GLOSARIO ESPAGNOL | ORDLISTA SVENSKA |
|---|---|---|---|---|---|---|---|
| CATEGORY | – | KATEGORI | KATEGORIE | – | – | CATEGORIA | KATEGORI |
| CONTROL | CONTROLE | KONTROL | STEUERN | BESTURING | CONTROLLO | CONTROLAN | KONTROLL |
| DANGER | DANGER | FARE | GEFAHR | GEVAAR | PERICOLO | PELIGRO | FARA |
| EXAMPLE | EXAMPLE | EKSEMPEL | BEISPIEL | – | | EJEMPLO | EXEMPEL |
| FUNCTION | FONCTION | FUNKTION | FUNKTION | FUNCTIE | FUNZIONE | FUNCION | FUNKTION |
| INDICATORS | INDICATEURS | INDIKATION | ANZEIGES | INDICATORS | INDICATORES | INDICATOR | INDIKERING |
| INSTALLATION | INSTALLATION | INSTALLATION | INSTALLATION | INSTALLIE | INSTALLAZIONE | INSTALACION | – |
| LOCKOUT | LOCKOUT | LOCKOUT | LOCKOUT | LOCKOUT | LOCKOUT | LOCKOUT | LOCKOUT |
| MONITORING | SURVEILLANCE | AFLÆSE | UBERWACHUNG | BEWAKING | MONITORAGGIO | EL VIGILAR | OVERVAKANDE |
| OUTPUT | SORTIE | UDGANG | AUSGABE | UITGANG | USCITA | DALIDA | UTGANG |
| OVERRIDE | OVERRIDE | OVERSTYRE | OVERRIDE | OVERBRUGGING | ESCLUSIONE AUTOMATISHO | OVERRIDE | MOTTAGARE |
| POWER | – | FORSYNING | STROM | – | – | ALIMENTACIÓN | SPÄNNING |
| RESET | – | RESET | RESET | – | – | RESET | ÅTERSTÄLLNING |
| SAFETY | SURETE | SIKKERHED | SICHERHEIT | VEILIGHEID | SIGUREZZA | SEGURIDAD | SAKERHET |
| SUPPLIER | FOURNISSEUR | LEVERANDØR | LIEFERANT | LEVERANCIER | FORNITORE | SURDITOR | LEVERANTOR |
| USE | – | BRUG | GEBRAUCH | GEBRUIK | – | USAR | ANVÄNDA |
| USER | – | BRUGER | NUTZER | GEBRUIKER | UTILIZZATORE | USUARIO | ANVÄNDARE |

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