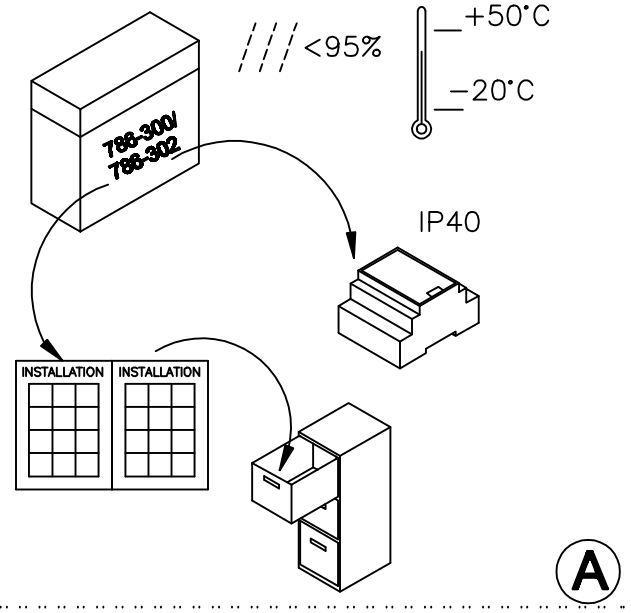
INSTALLATION and Declaration of Conformity

MAGSAFE 786-300/786-302

ORIGINAL INSTRUCTIONS

SMARTSCAN

CD 147 /090410



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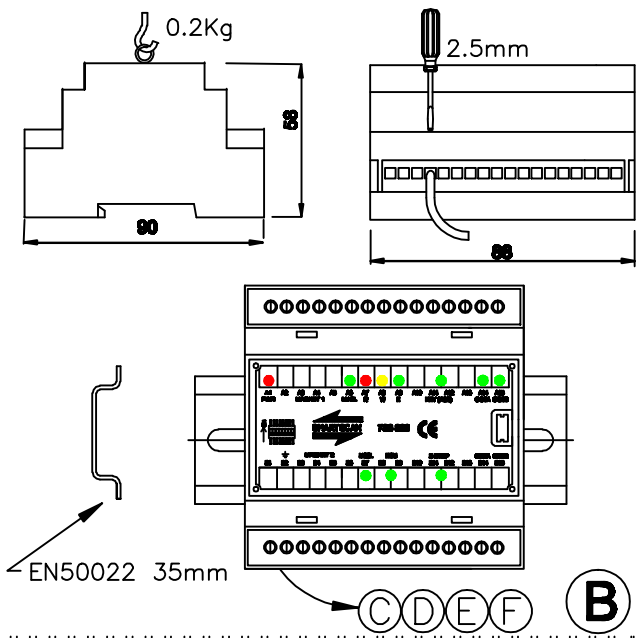

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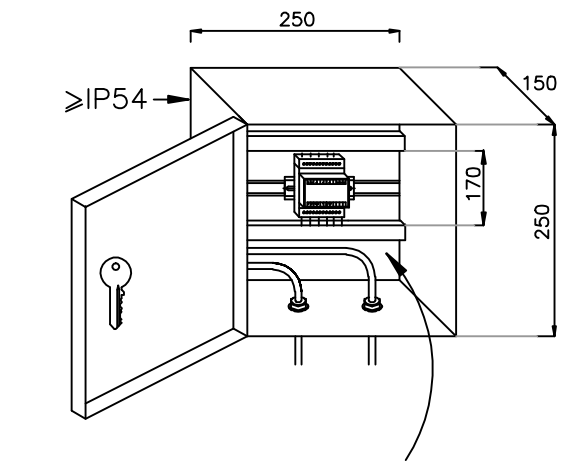

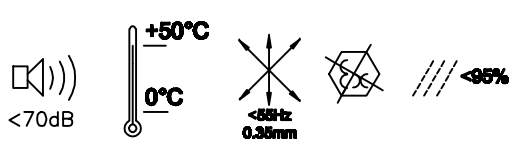

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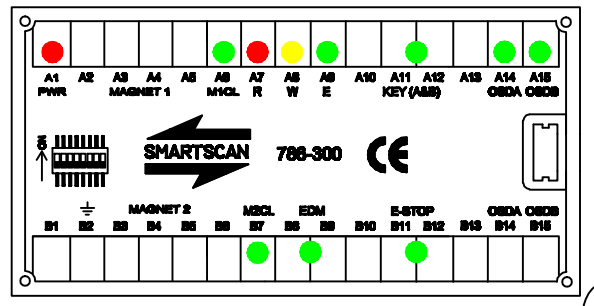

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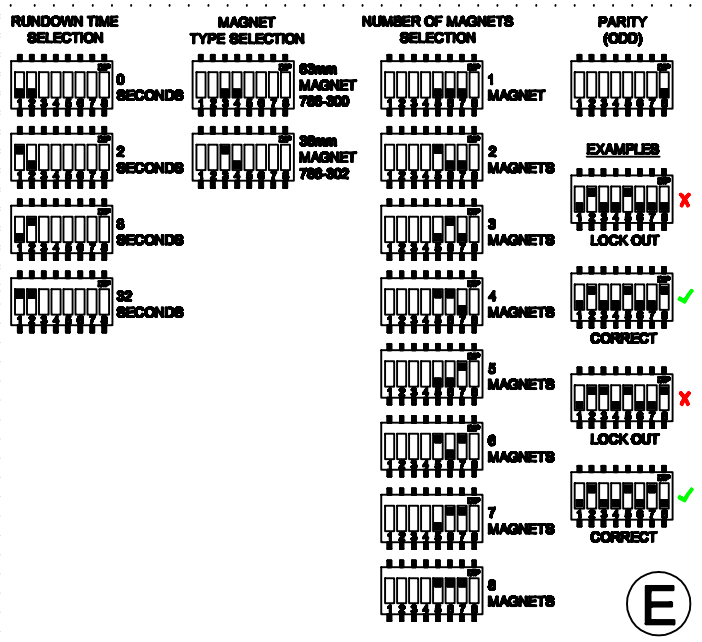

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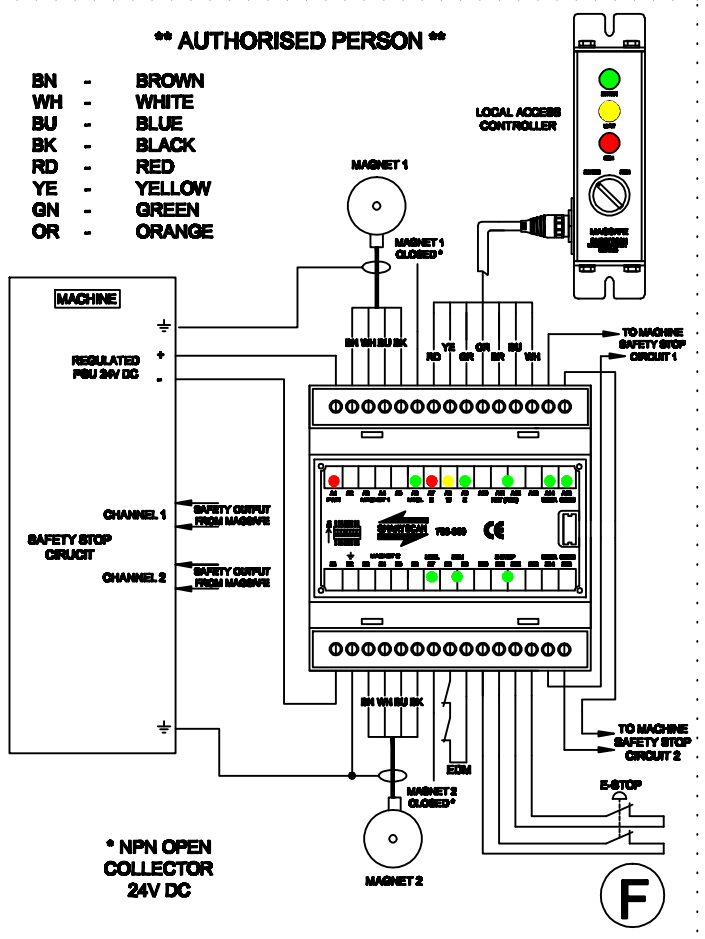


F

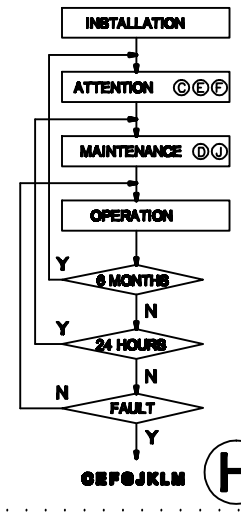
ATTENTION
TEST & MAINTENANCE

I = 120mA + Magnets
V = +24V DC
= 250V AC 1A
= 10^6 OPERATIONS
= 20mS RESPONSE TIME
= IP 40
= 0°C - + 50 C

EN954-1 = Catagory 4
EN62061/EN61508 SIL 3
EN ISO 13849-1 PL e

WWW.SMARTSCAN.COM
SMARTSCAN LTD. CORBY. NORTHANTS. NN17 5XJ
TEL:+44-1536-401313 FAX:+44-1536-266954

G



H

CD147/090410

EC Declaration of Conformity

Product: Smartscan Magsafe 786 series system

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

Declares that the safety component(s) described:
Serial Numbers: Between 700 000 and 799 999

Fulfils the following safety function: Safety door inter-locking device and controller

Conforms to the following Directives:
Machinery Directive 2006/42/EC
Electromagnetic Conformity Directive 2004/108/EC
Low Voltage Directive 2006/95/EC

Complies with the relevant requirements of the following Standards:
EN 954-1, Category 4
IEC 62061 SIL 3
EN ISO 13849-1 PL e

Uses the following standards:
ISO 12100-1, ISO 12100-2, EN 60204-1, EN 1088 A1:2007

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:

Satenet Limited — Notified Body Number 1674
Address: Pywell Road, Corby, Northamptonshire, NN17 5XJ
Certificate No. 922040909

Signed: _____ Date: 09.04.2010

Title: Project Manager

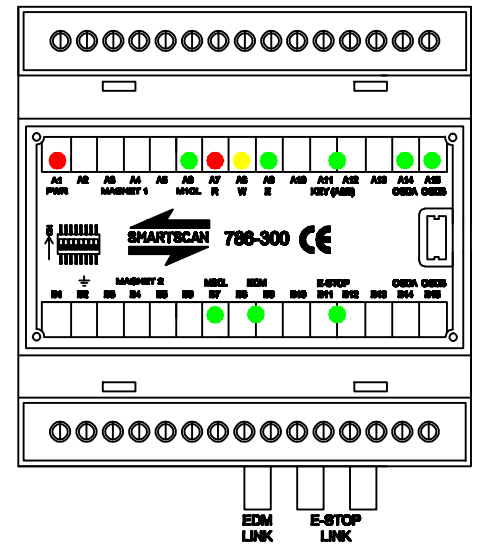
I

KEYSWITCH POSITION	CONDITION	POWER	MAGNET 1 (MCL)	MAGNET 2 (MCCL)	KEYSWITCH (A & B)	EDM	E-Stop	RUN	WAIT	ENTER	SAFETY OUTPUTS
LED COLOURS ON PCB		RED	GREEN	GREEN	GREEN	GREEN	GREEN	RED	YELLOW	GREEN	GREEN
LED COLOURS ON LOCAL ACCESS CONTROLLER								RED	YEL	GRN	
LED NUMBER ON PCB		A4	A6	B7	A11 A12	B8 B9	B11 B12	A7	A8	A9	A14 A15
ENTER	GATE CLOSED	■	■	■		■	■			■	
ENTER	GATE OPEN	■				■	■			□	
RUN	GATE OPEN	■			■	■	■	□			
RUN	GATE CLOSED	■	■	■	■	■	■	■			■
FROM RUN TO ENTER	DURING RUN DOWN PERIOD	■	■	■		■	■		■		
RUN	LOCK-OUT CONDITION	■	■	■	■	■	■	■	■	■	
RUN	EDM FAULT	■	■	■	■		■	□			
RUN	E-STOP FAULT	■	■	■	■	■		□			

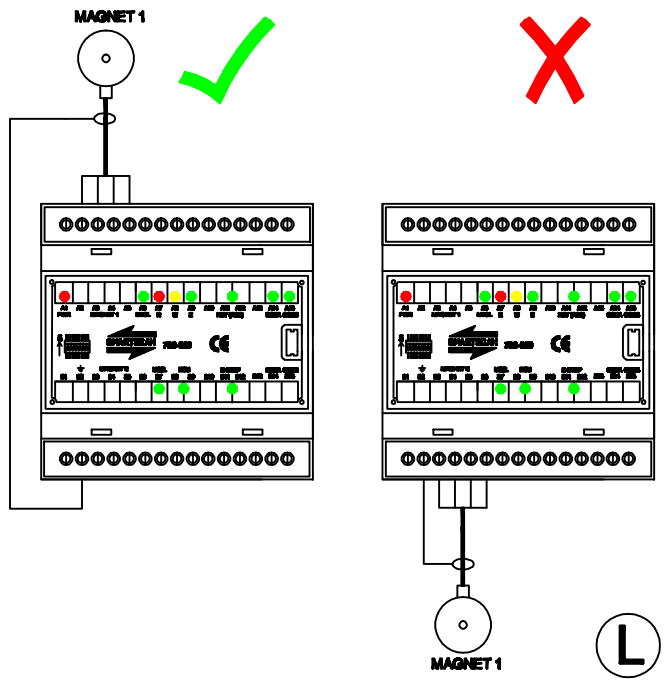
■ LED STEADY ON □ LED FLASHING

J

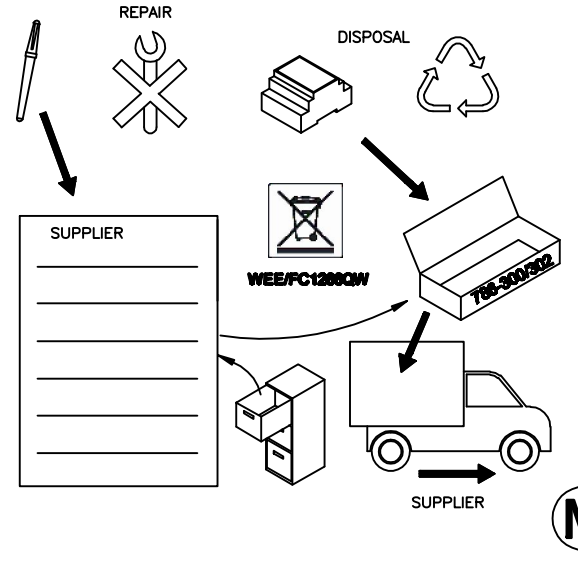
FUNCTION OVERRIDE



K



L



M