TRITHON

WITH Awax safety module

ELECTRONIC CODED NON-CONTACT SAFETY SWITCH ADAPTED TO HIGH TEMPERATURE

➔ Decoding by Acotom®2 process
➔ Misalignment : ±30° in rotation
➔ Detection distance /hysteresis : 9 /+2 (mm)
➔ Moulded cable
➔ Auxiliary output for automation control or lights
➔ Stainless steel 316L housing
➔ Laser marking
➔ Protection class IP69K
➔ Temperature -20°C to +110°C
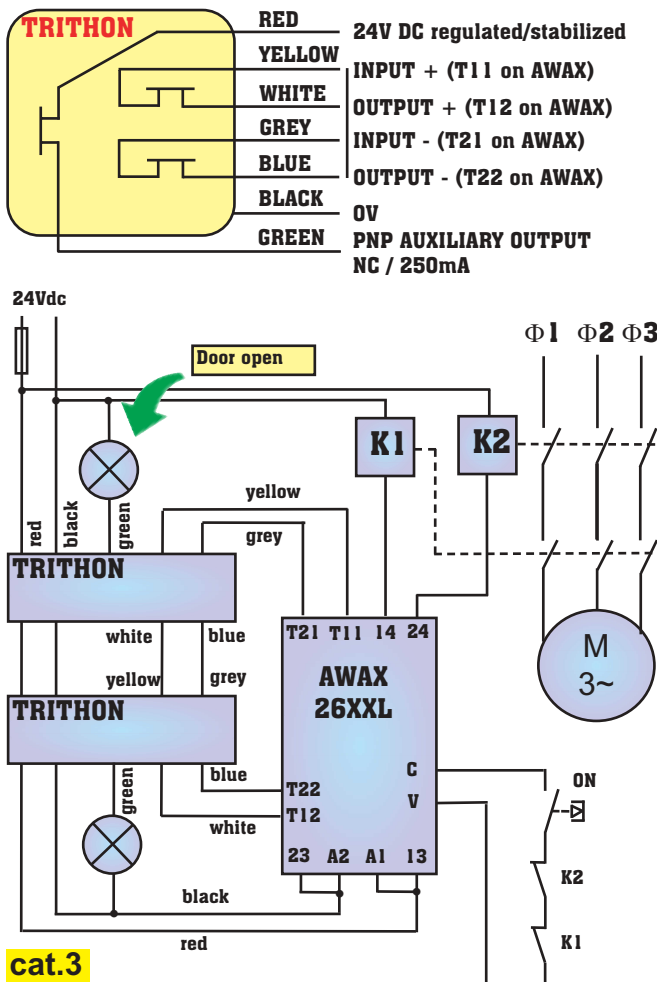➔ Unlimited life expectancy (unlimited number of operations)
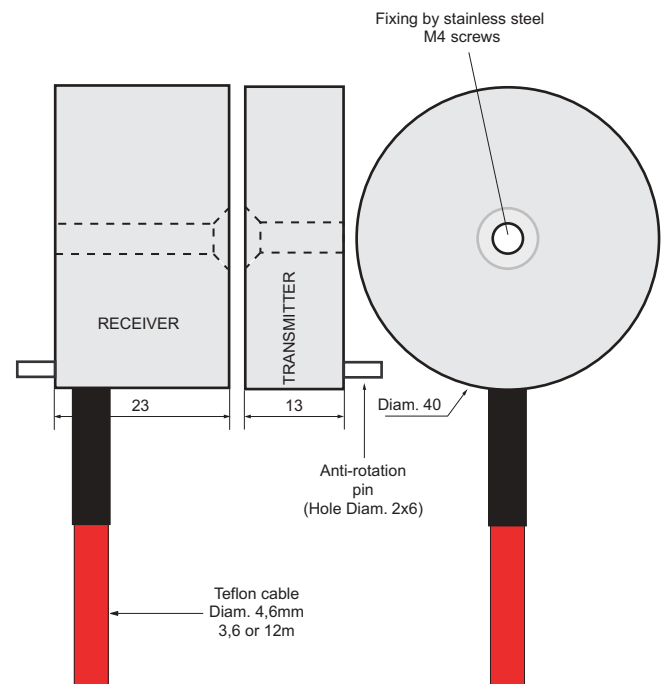
SAFETY CATEGORY

Trithon : EN60947-5-3
1 Trithon with Awax : category 4
Trithon in series with Awax : category 3

TEFLON CABLE

+110 °C

ACOTOM2

EASY CLEANING

SUITABLE FOR HARD ENVIRONMENT

WIRING DIAGRAM

TRITHON

RED — 24V DC regulated/stabilized
YELLOW — INPUT + (T11 on AWAX)
WHITE — OUTPUT + (T12 on AWAX)
GREY — INPUT - (T21 on AWAX)
BLUE — OUTPUT - (T22 on AWAX)
BLACK — OV
GREEN — PNP AUXILIARY OUTPUT NC / 250mA

24Vdc

Door open

Φ1 Φ2 Φ3

K1 K2

TRITHON
white   blue
yellow grey

TRITHON

T21 T11 14 24
AWAX 26XXL
T22
T12
23 A2 A1 13

C
V

M 3~

ON

K2

K1

green
white
black
red

cat.3

DIMENSIONS

Fixing by stainless steel M4 screws

RECEIVER   TRANSMITTER

23   13   Diam. 40

Anti-rotation pin (Hole Diam. 2x6)

Teflon cable Diam. 4,6mm 3,6 or 12m

ADVICE

Up to 30 switches with one AWAX module.
Adapted to high temperatures (sterilisation), laser markings. Resists to chlorine and acids, may get in touch directly with dairy products.