

# EMERGENCY BOXES

## Box Bassa tensione 3HP

Adatto per motori fino a 3HP ( 2,25kW ) ( **5,5A** ) trifase 400 volt e 1,5HP ( 1,12kW ) monofase 230 volt

**Funzioni:** avviamento per motori trifase / monofase

**Start/Stop** controllato da pulsanti a membrana, completa di pulsante di emergenza .

**Caratteristiche :** scatola impermeabile con staffe di fissaggio esterni , fusibile, spia luminosa presenza rete. Funzioni di comando in bassa tensione ( 24V ), gestione di microinterruttori di sicurezza installati sulla macchina .

**Dimensioni : 170 x 118 x H82 mm**

TL / 3HP / PIN1V



### Livello di affidabilità di sicurezza:

B10d = 20.000.000 cicli contattore con carico meccanico secondo EN / ISO 13849-1

B10d = 1369863 cicli contattore con carico nominale secondo EN / ISO 13849-1

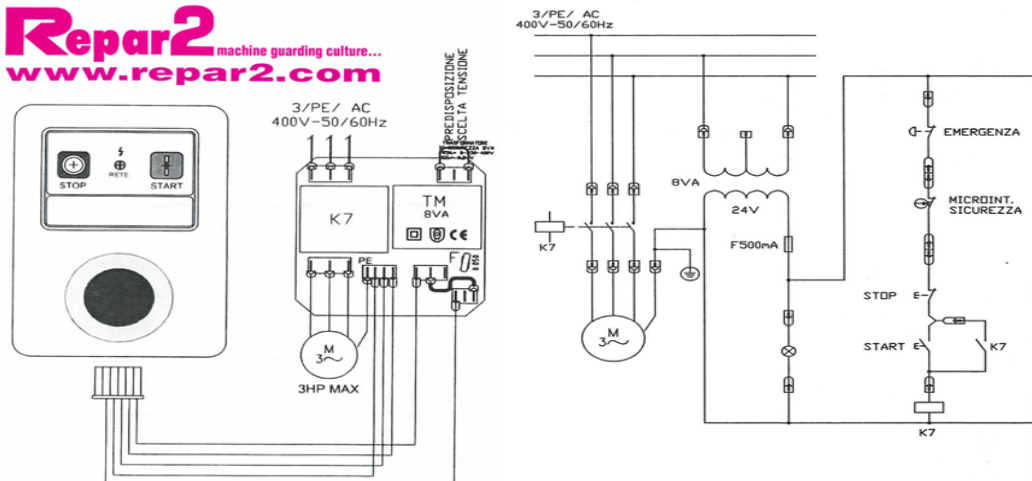
**Durata meccanica :** 15 Mcicli

**Funzionamento:** 3600 cyc/h at  $\leq 60^{\circ}\text{C}$

**Tempo di operatività:** 4...19 ms apertura  
12...22 ms chiusura

**Codice : BT-BOX 3HP**

**Repar2** machine guarding culture...  
[www.repar2.com](http://www.repar2.com)



Alternate current: AC15 (50...60 Hz)  
Ue (V) 230  
Ie (A) 3  
Direct current: DC13 (6 operations/minute)  
Ue (V) 24  
Ie (A) 6

Markings, quality marks and certificates:



Approval UL: E131787

Complying with the requirements requested by:  
Low Voltage Directive 2006/95/EC,  
Machinery Directive 2006/42/EC,  
Electromagnetic Compatibility 2004/108/EC



# EMERGENCY BOXES

## Low Voltage Box 3HP

**Suitable** for motors up to 3HP (2,25kW) (5,5A) 400 volt triphase and 1,5HP (1,12kW) 230 volt monophase

**Functions:** Triphase/monophase motor start/stop controlled by membrane push button switches or emergency push button.

**Features:** Waterproof box with external fixing brackets, spare fuse inside box, warning light. Low tension (24V) command functions, management of safety microswitches installed on the machine.

**Dimensions:** 170 x 118 x H82 mm  
TL/3HP/PIN1V



### Safety reliability level:

B10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1

B10d = 1369863 cycles contactor with nominal load conforming to EN/ISO 13849-1

**Mechanical durability:** 15 Mcycles

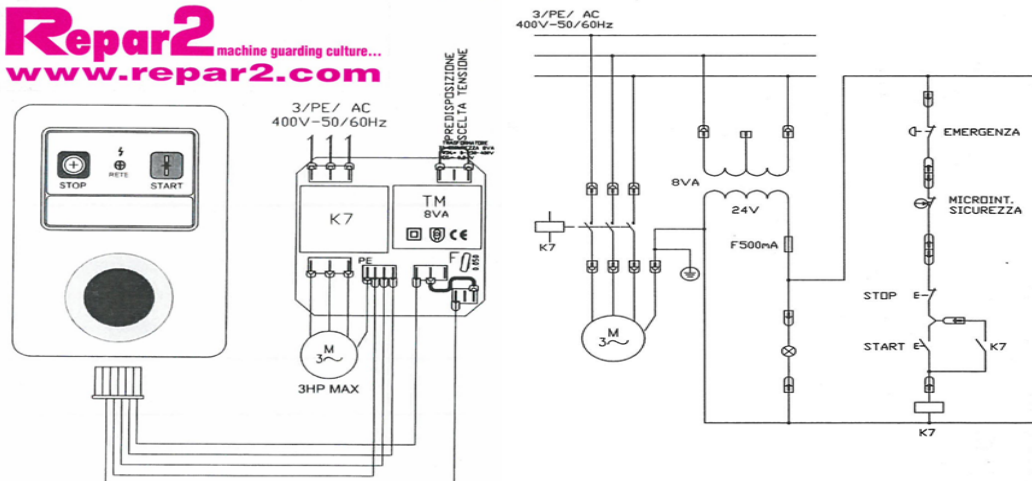
**Operating rate:** 3600 cyc/h at  $\leq 60^\circ\text{C}$

**Operating time:** 4...19 ms opening 12...22 ms closing

**Code : BT-BOX 3HP**



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Alternate current: AC15 (50...60 Hz)  
Ue (V) 230  
Ie (A) 3  
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