

DISPOSITIVO DI BY-PASS BY-PASS DEVICE



- ✔ Dispositivo unipolare di parallelo.
One pole parallel device.
- ✔ Progettato per by-passare i tiristori dei soft-starter o le resistenze di pre-ricarica dei condensatori degli inverter.
Designed to by-pass thyristors of soft-starters or resistances for pre-charging capacitors of drives.
- ✔ Studiato come dispositivo per la sola conduzione di corrente, a bassa resistenza interna, con ridotti consumi di energia nei contatti principali e con riscaldamento inferiore rispetto a un contattore.
Designed to be a carry-only device, with minimum internal resistance, in order to have a low consumption of energy on the main contact and lower heating respect a contactor.
- ✔ Contatti a doppia interruzione per incrementare la distanza in aria.
Contacts with double air break to increase the air-clearance.
- ✔ Conforme alle direttive RoHS, progettato e costruito per rispondere alle normative UL.
RoHS compliant, designed and built to comply with UL standards.
- ✔ Terminali di connessione standard o personalizzabili in base alle esigenze del cliente.
Standard connection or customizable according to customer needs.
- ✔ Varistore incluso nei terminali di bobina per la protezione contro le sovratensioni transitorie e per garantire un'apertura rapida < 15ms.
Varistor included on terminals of coil to protect against transient overvoltage and to guarantee a fast opening <15ms.

Norme applicate / Applicable standard

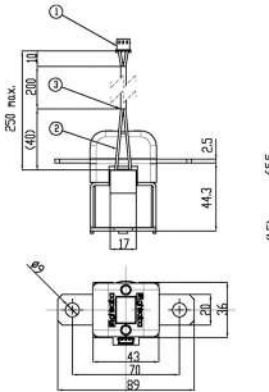
IEC 60947-4-1 sequenza / sequence 1

Verifica della sovratemperatura / Verification of temperature rise.
Verifica funzionamento e limiti operativi / Verification of operation and operating limits.
Verifica proprietà dielettriche / Verification of dielectric properties.
Altre specifiche su richiesta / Other specification on request.

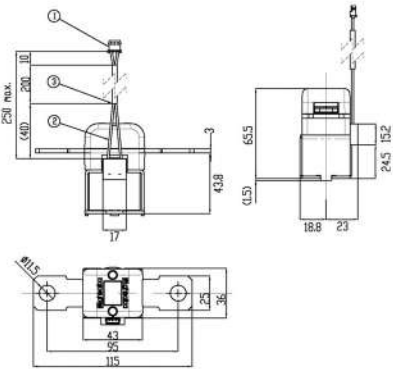
Dati tecnici / Technical data

Modello / Type	GHOPC-200	GHOPC-250	GHOPC-410	GHOPC-600	GHOPC-1200
Corrente termica / Thermal current I_{th} [A]	200	250	410	600	1200
Tensione di isolamento / Rated insulation voltage U_i [V]	690				
Tensione di tenuta ad impulso / Rated impulse withstand U_{imp} [kV]	6				
Tensione di comando / Control voltage [V]	110-120V A.C. (con ponte raddrizzatore / with bridge rectifier) / 97V D.C. 220-240V A.C. (con ponte raddrizzatore / with bridge rectifier) / 196V D.C.				
Massima caduta di tensione durante apertura e chiusura Max voltage drop during making and breaking [V _{rms}]	50				
Corrente di sovraccarico / Overload withstand capacity	8 x I_n				
Durata meccanica / Mechanical durability	2x10 ⁶				
Durata elettrica / Electrical durability	1x10 ⁶				

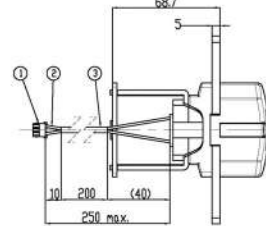
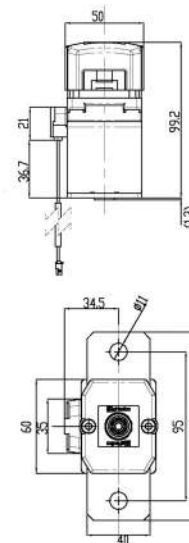
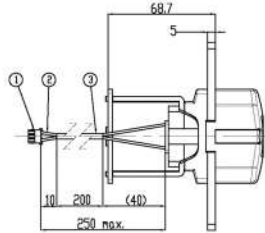
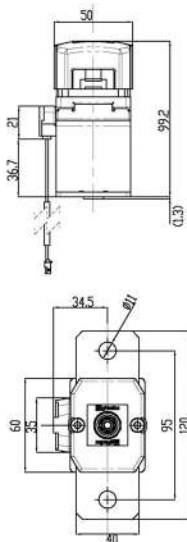
Dispositivo di by-pass serie GHOPC - 200
GHOPC - 200 by-pass device series



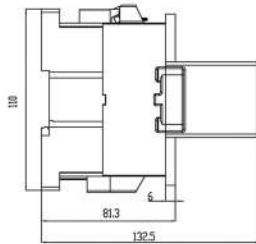
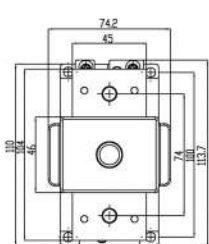
Dispositivo di by-pass serie GHOPC - 250
GHOPC - 250 by-pass device series



Dispositivo di by-pass serie GHOPC - 410
GHOPC - 410 by-pass device series

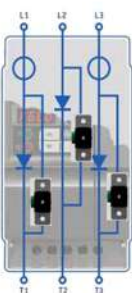


Dispositivo di by-pass serie GHOPC - 1200
GHOPC - 1200 by-pass device series

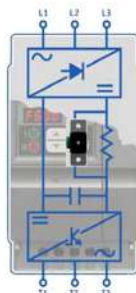


Impieghi tipici / Typical applications

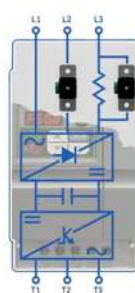
By-pass tiristori
(avviatori statici)
By-pass thyristors
(soft-starters)



Pre carica condensatori
lato C.C. (inverter)
Capacitor pre-charging
D.C. side (drives)



Pre carica condensatori
lato C.A. (inverter)
Capacitor pre-charging
A.C. side (drives)



Pre carica condensatori
(inverter solare)
Capacitor pre-charging
(solar inverter)

