

Capitolo 11 / Chapter 11**Tabella 6 / Table 6**

Gli interruttori differenziali devono essere di Tipo "B".

Differential Breakers must be "B" Type.

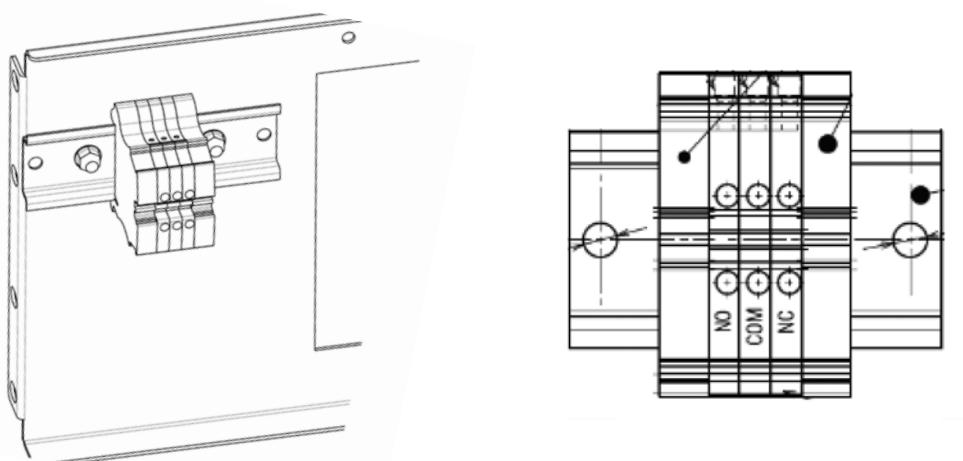
Capitolo 6 / Chapter 6**6.1 Prescrizioni di sicurezza / Safety regulations**

Prima di eseguire qualsiasi operazione di installazione, leggere e applicare quanto di seguito riportato:
Before starting installation, read and apply the following:

5. Protezione di backfeed / Backfeed protection

Archimod HE è dotato di un contatto ausiliario per l'attivazione del circuito esterno della protezione di backfeed (protezione contro il ritorno di energia). Tale contatto ausiliario è realizzato con un relè in scambio NO/COM/NC ed è disponibile su morsetto tripolare presente lateralmente nella zona dei collegamenti elettrici.

Archimod HE UPS is fitted with an auxiliary contact for the actuation of the external backfeed protection (protection against power transfer towards the input). This auxiliary contact has been created with a NO/COM/NC relay and is available on the relative tripolar terminal located on one side of the area for the electrical installation.



Qualora l'UPS rilevi un ritorno di tensione, il relè viene eccitato e cambia stato, abilitando il sezionamento delle linee di ingresso che deve essere realizzato esternamente come indicato negli schemi riportati di seguito.

If the UPS detects a voltage backfeed, the relay is energized and changes status, enabling the disconnection of the input lines that must be done externally as indicated in the diagrams shown below.

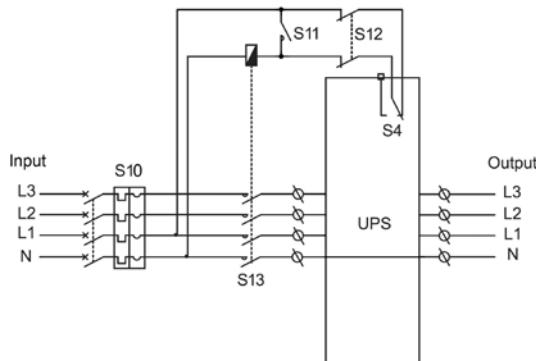
INDICAZIONE

Se l'UPS durante il funzionamento segnala l'attivazione della protezione di backfeed, contattare il Centro Assistenza Tecnica di LEGRAND.

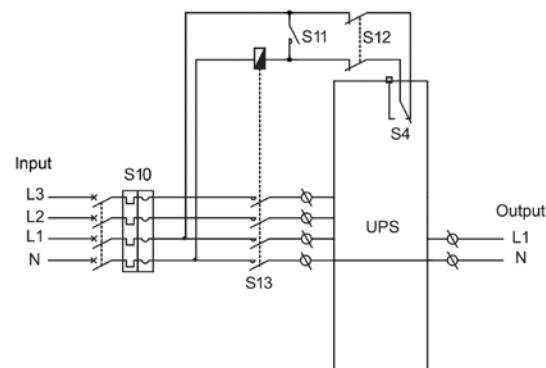
INDICATION

If, during operation, the UPS signals that the backfeed protection has been actuated, contact the LEGRAND Technical Support Service.

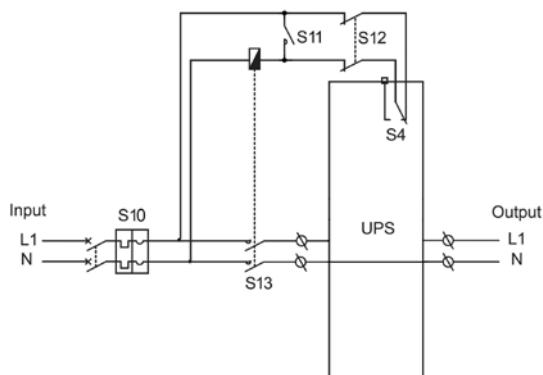
Connection to a TT or TN-S type distribution network and backfeed circuit connection diagrams with the bypass line in common with the input line



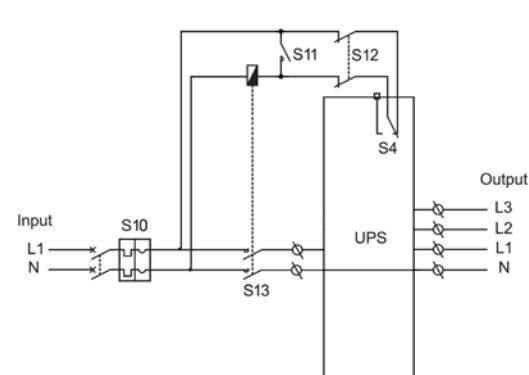
Three phase/Three phase configuration



Three phase/Single phase configuration



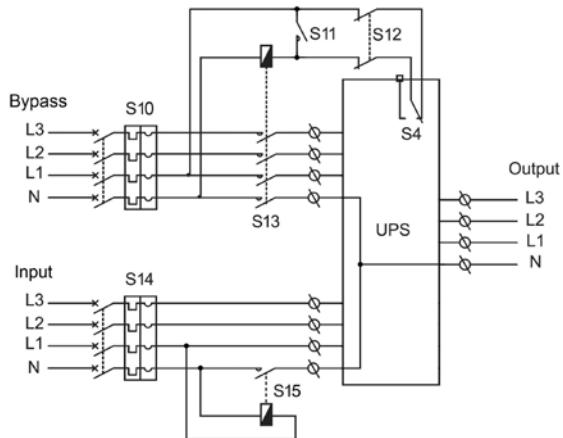
Single phase/Single phase configuration



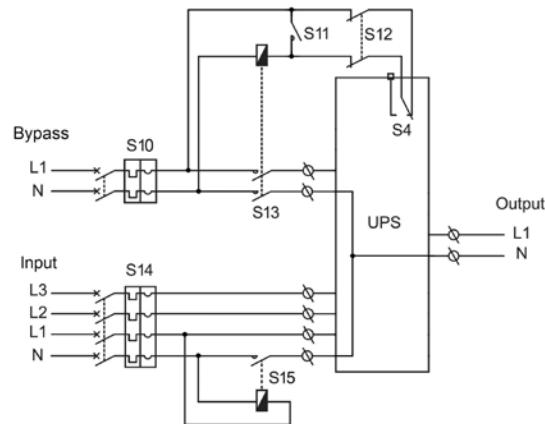
Single phase/Three phase configuration

- S10: thermal-magnetic/differential breakers required for the input line
- S13: input line opening contactor
- S11: disconnector in parallel to the S13 contactor coil
- S12: two-pole disconnector in series to the line to the EC9 connector of the contact interface card
- S4: backfeed auxiliary contact

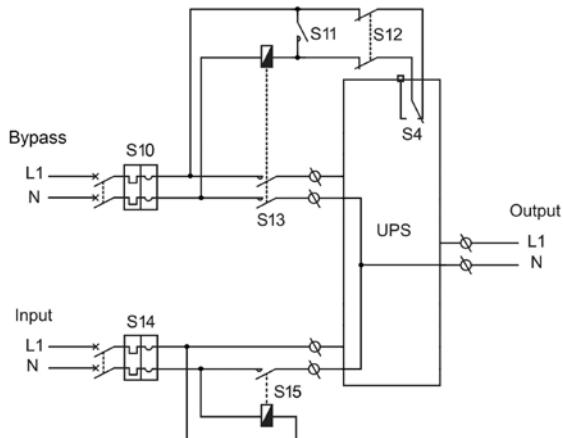
Connection to a TT or TN-C type distribution network and backfeed circuit connection diagrams with the bypass line separate from the input line



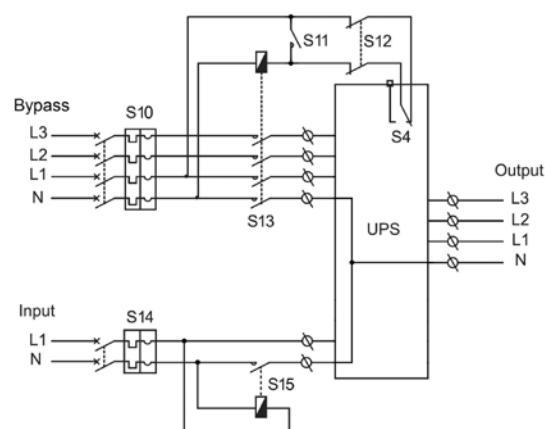
Three phase/Three phase configuration



Three phase/Single phase configuration



Single phase/Single phase configuration



Single phase/Three phase configuration
(available only for SINGLE PHASE input
and THREE INDEPENDENT PHASES output)

S10-S14: thermal-magnetic/differential breakers required for the input line and the bypass line

S13: bypass line opening contactor

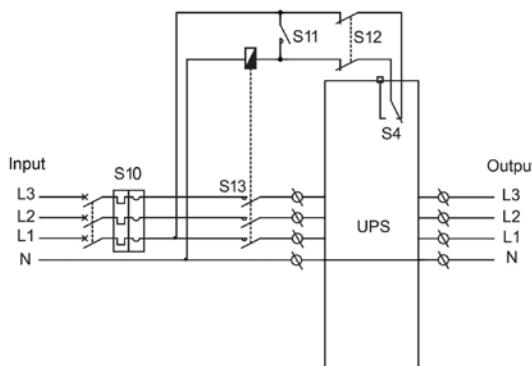
S15: network input line neutral opening contactor

S11: disconnector in parallel to the S13 contactor coil

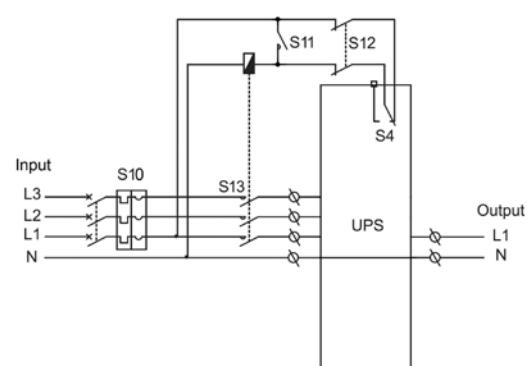
S12: two-pole disconnector in series to the line to the EC9 connector of the contact interface card

S4: backfeed auxiliary contact

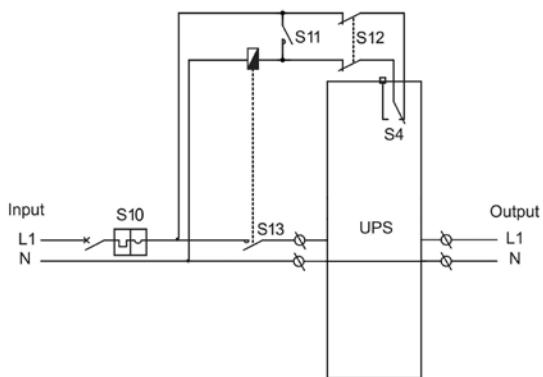
Connection to a TN-C type distribution network and backfeed circuit connection diagrams with the bypass line in common with the input line



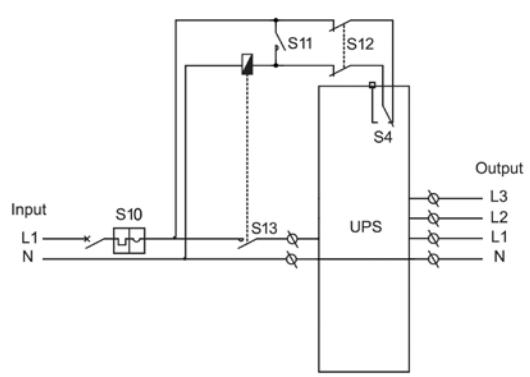
Three phase/Three phase configuration



Three phase/Single phase configuration



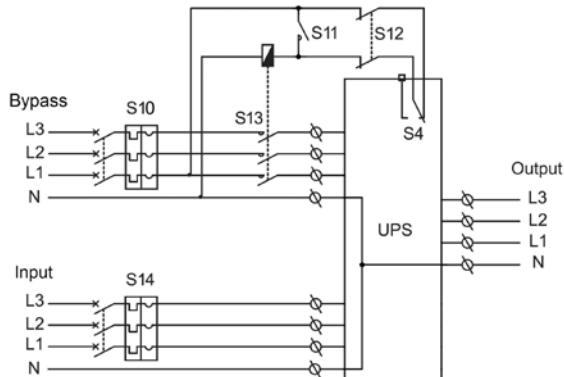
Single phase/Single phase configuration



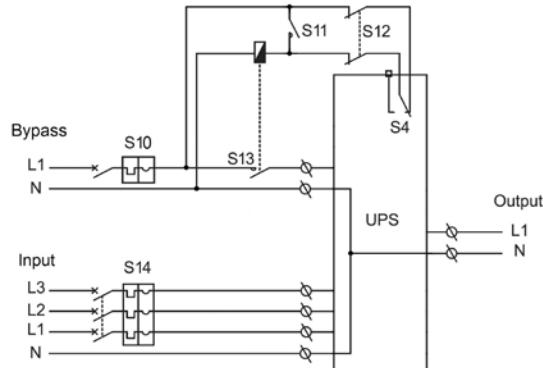
Single phase/Three phase configuration

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- S4: backfeed auxiliary contact

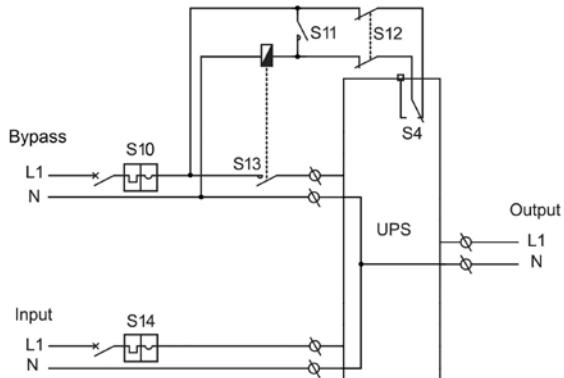
Connection to a TN-C type distribution network and backfeed circuit connection diagrams with the bypass line separate from the input line



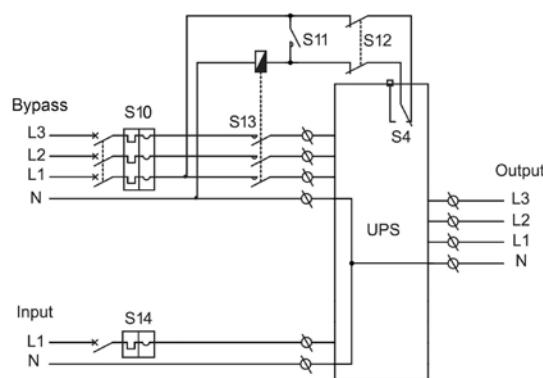
Three phase/Three phase configuration



Three phase/Single phase configuration



Single phase/Single phase configuration



Single phase/Three phase configuration

(available only for SINGLE PHASE input
and THREE INDEPENDENT PHASES output)

S10-S14: thermal-magnetic/differential breakers required for the input line and the bypass line

S13: bypass line opening contactor

S11: disconnector in parallel to the S13 contactor coil

S12: two-pole disconnector in series to the line to the EC9 connector of the contact interface card

S4: backfeed auxiliary contact

INDICAZIONE

Realizzando la protezione di backfeed esterna secondo gli schemi indicati, è possibile sezionare la linea dall'esterno e porla in sicurezza. Occorre chiudere prima il sezionatore S11 in parallelo alla bobina del teleruttore e poi aprire il sezionatore bipolare S12 in serie alla linea verso il connettore EC9

INDICATION

By protecting external backfeed protection as indicated in the diagrams, it is possible to disconnect the line from the outside and secure it. First close the disconnector S11 in parallel to the contactor coil and then open the double pole disconnector S12 in series to the line towards the EC9 connector.