



Diode gate



Sunfab diode gate is an assembly set for simultaneous electrical control of directional valves and activation of the pump flow via a By-Pass or Savtec valve.

Sunfab diode gate is primarily intended for electrical assembly on combination vehicles with engine mounted power take offs and one or two flows SC with By-Pass or SL with electrical controlled Savtec.

Technical data:

Input cables	10
Output cable	1
Cross section	1,5 mm ²
Cable length	2 m
No. of diodes	10
Diode capacity	24 V 3 A
Enclosure class	IP 68

The Sunfab diode gate can connect 5 double acting or 10 single acting hydraulic functions to the By-Pass or electrical Savtec.

Circuit diagram for Sunfab diode gate:

The magnets 01-06 belong to the directional valves and are activated when one of the switches are actuated.

At the same time the diode gate deflects current to the By-Pass valve's coil 07 alternatively Savtec if it is this located on the pump.

The diode acts as a "non-return valve" so the current can only flow in the direction of the arrow.

Sunfab diode gate can control 10 functions. Should additional functions be required, supplement the system with more diode gates.

The diode gates have a very high enclosure class against both water and dust. (IP 68).

Further information about the connection of the diode gate together with the By-Pass or electrical Savtec can be found with each assembly instruction.

