

Load Transfer Switch panel (L.T.S.)

INTRODUCTION

The load transfer switch panel is supplied for connection to an A.C.P. panel (mounted on the generating set) by means of control wiring (5m supplied as standard) and the corresponding power cables (not supplied); it is built in a single panel and delivered loose from the generating set.

DESCRIPTION

Built in a metal cabinet and treated with a cycle of epoxy-powder painting of high resilience; the standard colour corresponds to **RAL 7032**; **IP40 external** degree of protection and **IP20 as internal**. The power section is made of copper bars properly sized according with the nominal current, and the load transferring is carried out by means of motorized switches inserted into the own device: **Sircover** of **SOCOME**.

On the front of the panel there are installed 2 lamps to show the position of the load transfer switch (MAINS or GENSET) and a 3 positions selector switch (AUTO – MAINS -GENSET) which permits to select the operating mode: on “**AUTO**” position, the control of the load transfer switch is carried out through the logic control installed into the A.C.P. panel of the generating set (typical configuration for an emergency power supply); the “**MAINS**” position forces the power supply from the Mains, independently of the genset statement; the “**GENSET**” position forces the power supply from the genset, independently of the own genset statement.

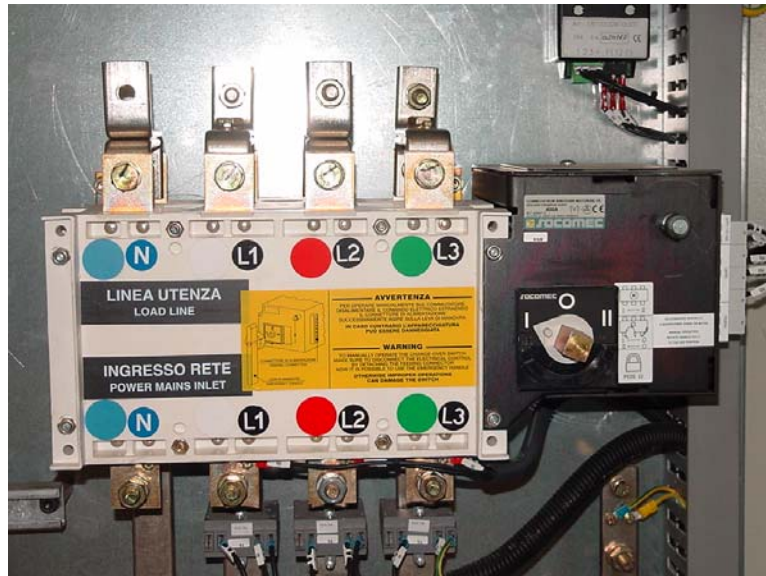
A manual pull is additionally supplied to be directly connected on the Sircover device to do able an emergency manual switching.



INSTALLATION

The load transfer switch panel must be placed in a dry site protected against the outdoors; it is advisable to mount the panel on horizontal supports with an access for power cables (the input and output of cables are foreseen by the bottom side).

The L.T.S. panel is built in the way of ensuring an easy connection to the A.C.P. panel (mounted on the generating set). All information and details related to the installations or section of wires are delivered together with the panel; the suitable connection necessary to run the set is responsibility of the end user.



Generating Set model	Amps [A]	Dimensions (Height x Width x Depth) [mm]	Weight [Kg]
GPW210 - GPW255	400	1280 x 800 x 400	120
GPW330 - GPW380 - GPW410	630		
GPW470 - GPW510	800	1580 x 800 x 400	150
GPW570 - GPW650 - GPW655 - GPW660 - GPW705	1250	1900 x 800 x 800	250
GPW720 - GPW740 - GPW750 - GPW800 - GPW830	1600		
GPW975 - GPW980 - GPW1010 - GPW1020 - GPW1025	2000	2100 x 1000 x 1000	320
GPW1250	2500		350
GPW1320 - GPW1300 - GPW1500 - GPW1560	3150		420
GPW1700 - GPW1850 - GPW1880 - GPW2090			