User Manual

0545 RJ45 IP Split 4+1

ENGLISH

RJ45 IP55 Splitter for LogiCO2 Safety System.

Important!

Retain this instruction manual for future reference: Please read these instructions carefully prior to start-up and use. Failure to follow any of these instructions could void product warranties. LogiCO2 assumes no responsibility for claims arising out of improper or careless use or handling of it's products.

Technical specifications

External power supply:	24V DC
Maximum current	1.5A
Wiring connections:	RJ45
Power wiring connections:	0,05-2,5 mm^2 / 30 - 14 AWG
Ingress protection:	IP55
Dimensions (LxWxD):	140 x 75 x 65 mm / 5.51" x 2.95" x 2.56"

Function

The RJ45 IP Split 4+1 is an IP55 classed splitter for Cat5 Cables which are used in the LogiCO2 Safety Systems. The Cat5 cables which are used in the LogiCO2 Safety System are not intended for power over 1.5 Amp.

The IP Splitter has 4 RJ45 ports as well as 1 springloaded terminal, see Fig. 2. The RJ45 ports and the springloaded terminal all have a parallel connection, see Fig. 3. The respective colors, used in the LogiCO2 RJ45 cables, are connected according to Fig. 4 for the springloaded terminals.

The IP Splitter has a cable gland with multiple inputs. This allows up to four Cat5 cables and one cable for the springloaded terminal.

Plugs are also sent together with the IP Splitter. These can be used to maintain the IP protection when fewer cables, than the maximum amount, are used. This is done by inserting the plugs in the holes which are not used for cables, see Fig. 1.

Fig. 1

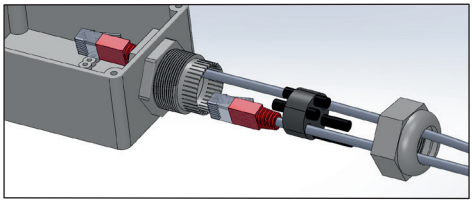
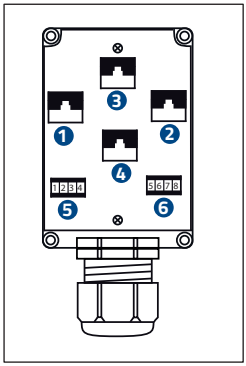


Fig. 2



1. RJ45
2. RJ45
3. RJ45
4. RJ45
5. Terminals, RJ45 Pin 1-4
6. Terminals, RJ45 Pin 5-8

Fig. 3

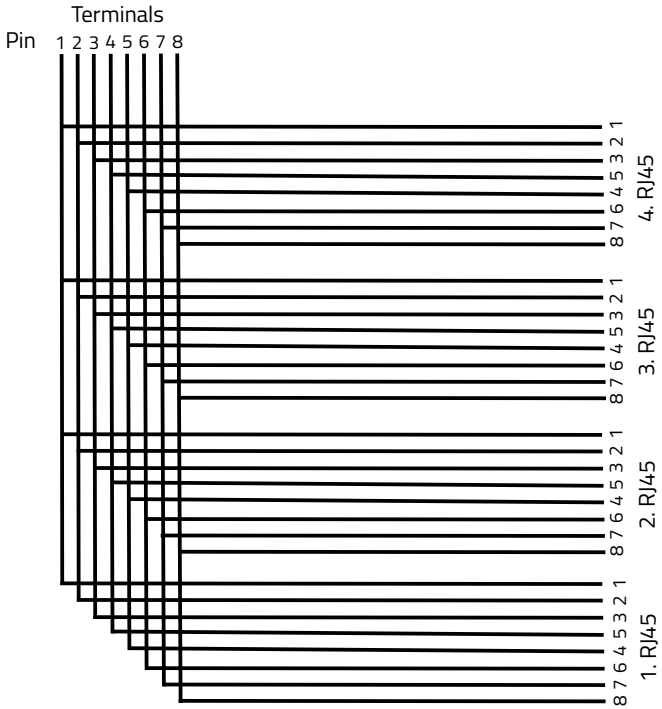
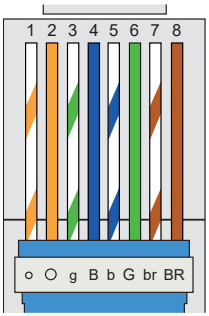


Fig. 4



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