

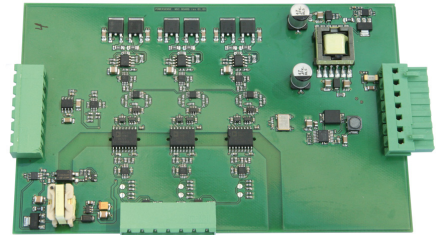
POWERSENSE

TECHNICAL DATASHEET FOR THE DISCOS[®] MV INTERFACE

DESCRIPTION

The DISCOS[®] MV Interface is part of the DISCOS[®] System. The DISCOS[®] MV Interface is designed to connect a MV line to a DISCOS[®] Opti module.

The DISCOS[®] MV Interface is an interface module between the DISCOS[®] Opti module and the DISCOS[®] Outdoor Combined Sensors.



MAIN OPERATIONAL PARAMETERS

3-phase inputs for 3 DISCOS[®] Outdoor Combined Sensors

TECHNICAL SPECIFICATIONS

Main electrical characteristics

Supply voltage	10-30 VDC
Rated power consumption	2.5 W
Internal fuse	Yes

Ambient specifications

Operational temperature	-20°C to +75°C
Operating humidity (non-condensing)	25%-90% RH at +40°C

Operational life time

Designed for	15 years
--------------	----------

Input/output specifications

3 x MV voltage phases input	0-36 kV
3 x LV voltage phases output	0-15 VAC

DESIGNED FOR*

Emissions	EN 61000-6-3
------------------	--------------

Immunity	EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8 EN 61000-4-11 EN 61000-6-2
-----------------	---

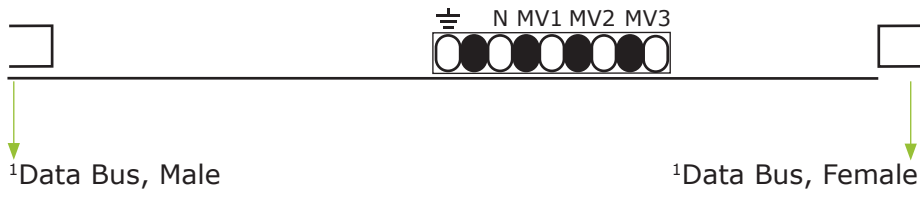
Safety	IEC 61558-1
---------------	-------------

CE mark	Complied
----------------	----------

Approvals	CAN/CSA C22.2 No. 61010-1-04 IEC 61010-1: 2001 Class III, if no fuse IEC 61010-1: 2001 Class IV, if placed after fuse EN 61010-1: 2001 Class III, if no fuse EN 61010-1: 2001 Class IV, if placed after fuse IEC 60255-5 IEC 60255-22-1 IEC 60255-22-4
------------------	---

* When used in a DISCOS® System setup, the module has been designed to operate according to the following standards.

CONNECTIONS ON THE MV INTERFACE



¹Standard Phoenix (KGG-MSTB and MSTB)



POWERSENSE[®]

PowerSense A/S
Skovlytoften 33
DK-2840 Holte
Denmark

Phone: + 45 76 10 00 17 • Fax: + 45 76 10 00 18
info@powersense.dk • sensethepower.com