

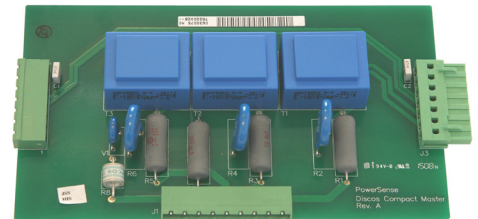
# POWERSENSE

## TECHNICAL DATASHEET FOR THE DISCOS<sup>®</sup> LV INTERFACE

### DESCRIPTION

The DISCOS<sup>®</sup> LV Interface is part of the DISCOS<sup>®</sup> System. The DISCOS<sup>®</sup> LV Interface is designed for supervision of the LV lines and transformer bays.

The DISCOS<sup>®</sup> LV Interface measures voltage quality on the LV side of the transformer bay. The DISCOS<sup>®</sup> LV Interface constantly monitors the power grid conditions.



### MAIN OPERATIONAL PARAMETERS

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3-phase voltage supervision (LV)

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Front panel LED indication

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## TECHNICAL SPECIFICATIONS

<b>Main electrical characteristics</b>	
Rated power consumption	0.1 W
<b>Ambient specifications</b>	
Operational temperature	-20°C to +75°C
Operating humidity (non-condensing)	25%-90% RH at +40°C
<b>Operational life time</b>	
Designed for	15 years
<b>Input</b>	
3 x LV voltage	90-264 VAC

## DESIGNED FOR\*

<b>Emissions</b>	EN 61000-6-3
<b>Immunity</b>	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
<b>Safety</b>	IEC 61558-1
<b>CE mark</b>	Complied
<b>Approvals</b>	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

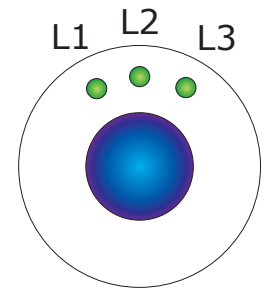
\* When used in a DISCOS® System setup, the module has been designed to operate according to the following standards.

## FRONT PANEL EXPLANATIONS

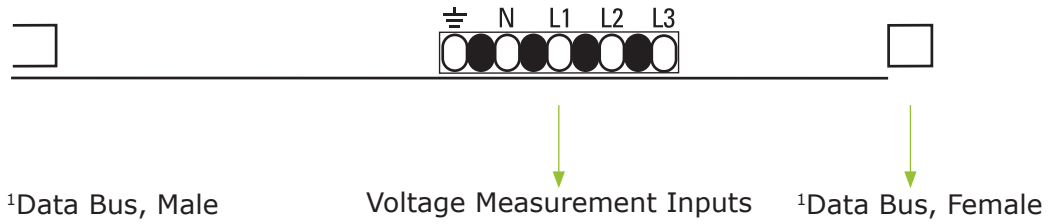
L1 Power L1

L2 Power L2

L3 Power L3



## CONNECTIONS ON THE LV INTERFACE



<sup>1</sup>Standard Phoenix (KGG-MSTB and MSTB)



# POWERSENSE<sup>®</sup>

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