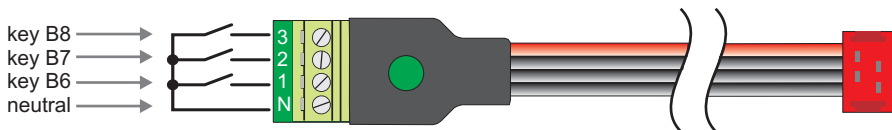## Binary sensor for LCN

The LCN-B3I is a sensor for querying up to 3 reporting contacts (e.g. window contacts). It will be detected automatically on the I-connection with firmware 0A0A... (Oct. 2000) or later. The inputs 1-3 are allocated to the keys B6, B7 and B8 (LONG & RELEASE) on the B table.

Important: Only potential free contacts may be evaluated! The following peripheries may be used parallel to the LCN-B3I on the I-connection: LCN-TS, -RR, -GRT, -ULT, -GT2, -GT4D, -GT10D, -GT3L, but no more than 5 I-periphery devices at the same time on the I-connection.
It is not possible to operate the LCN-IV as an impulse counter / counter input or to use a binary sensor at the same time on the P-connection (LCN-B8H/-B8L)!
The supply line to the LCN module (I-Port) can be extended up to 50m with 2 LCN-IV´s.

When an input is bridged to the N-terminal, the connected module will send the **LONG**-command. When the contact is opened the **RELEASE**-command will come, the **HIT**-command will not be triggered.

Technical data
Connection

power supply:	not needed (over I-connection)
power consumption:	<0,1W
terminals/wire type:	for screwing, solid or fine wire with wire end-sleeves max. 0,5mm^2
LCN-connection:	I-connection cable length 300mm, I-connection-extension using 2 LCN-IV´s max. 50m with shielded cable
inputs/key functions:	3 **potential free** contacts/query voltage internal 5V (50μA per input)
	binary inputs carry N-potential
debouncing time:	30 ms
cable length binary inputs:	max. 5m and not to be installed in the same channels/pipes as 230V cables!

Installation

operating temperature:	-10°C up to +40°C
air humidity:	max. 80% rel., non condensing
environmental conditions:	for use as stationary installation accord. to VDE632, VDE637
protection art:	IP 20, when installed in flush mounted boxes
dimensions (WxLxD):	11mm x 25mm x 10mm

Technical information and images are non binding. Changes are reserved.
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2   LCN-B3I GB08/2014   ISSENDORFF KG, 31157 Sarstedt