

LYD-66D - Magnetic switch family

Confirm the exact variant and application conditions with HTROBOT. Applies to LYD-66N /LYD -66N-NC and LYD-66P /LYD -66P-NC and LYD-66D /LYD -66D-NC unless a row names a narrower variant.



PARAMETER	VALUE
Consumption current	10mA@24V DC Max LYD-66N /LYD -66N-NC / LYD-66P /LYD -66P-NC
Consumption current	- LYD-66D /LYD -66D-NC
Impact resistance (Note 3)	50G
Indicator light color	Red LED
Induced magnetic field strength (Note 2)	40 Gauss start or 40 Gauss stop (NC)
Leakage current	0.1mA Max. LYD-66N /LYD -66N-NC / LYD-66P /LYD -66P-NC
Leakage current	0.1mA(40uA)Max. LYD-66D /LYD -66D-NC
Maximum switching current	200MA Max. LYD-66N /LYD -66N-NC / LYD-66P /LYD -66P-NC
Maximum switching current	100MA Max. LYD-66D /LYD -66D-NC
Maximum switching frequency	1000Hz Max
Node capacity (Note 1)	6W Max. LYD-66N /LYD -66N-NC / LYD-66P /LYD -66P-NC
Node capacity (Note 1)	3W Max. LYD-66D /LYD -66D-NC
Operating temperature range	-10°~70°C

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PARAMETER	VALUE
Output contact type	Non contact NPN type LYD-66N /LYD -66N-NC
Output contact type	Non contact PNP type LYD-66P /LYD -66P-NC
Output contact type	Contactless type LYD-66D /LYD -66D-NC
Protection circuit (Note 5)	3,4
Protection level	IEC 60529 Ip67
Residual pressure drop	0.5V@200mA Max. LYD-66N /LYD -66N-NC / LYD-66P /LYD -66P-NC
Residual pressure drop	3.5V Max. LYD-66D /LYD -66D-NC
Switch logic	Electronic contactless, normally open or normally closed (NC)
Using voltage range	5-30V DC
Vibration resistance (Note 4)	9G
Wire	Ø2.6,3C,PVC LYD-66N /LYD -66N-NC / LYD-66P /LYD -66P-NC
Wire	Ø2.6,2C,PVC LYD-66D /LYD -66D-NC
Wiring type	Three line type LYD-66N /LYD -66N-NC / LYD-66P /LYD -66P-NC
Wiring type	Two line type LYD-66D /LYD -66D-NC

CONTACT HTROBOT

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