JUMO IPC 300 – Electronic Transformer (709051)

- Gentle mains operation under high-powered resistive loads (no flickering)
- Operation of low voltage heating elements directly at the supply network without adaptation transformer
- Minimal harmonics in the mains voltage of the device and low weight due to absence of a power transformer
- Short-circuit control during switch on process
- Mains current in proportion with the required power (amplitude control)
- Control is independent of the heating elements' resistive characteristics
- Reduction of the control reactive power
- Compact dimensions
- Free selection of the subordinate control loop U, U2, P, I, I2
- Compensation for the ageing process in SiC heating rods
- Heating element diagnosis
- Resistance limitation, protection of molybdenum disilicide heating elements against overheating in the upper temperature range
- Integrated semiconductor fuses to protect the IPC in the event of a ground fault
- Universally applicable for mains voltages up to AC 400 V

Order details

	(1)	**Basic type**
709051		JUMO IPC 300
	(2)	**Version**
8		Standard with default settings
9		Customer-specific configuration (specification in plain text)
	(3)	**Language**
01		German
02		English
03		French
	(4)	**Load current**
070		70 A
100		100 A
200		200 A
	(5)	**Interface**
00		Not to be used
54		RS422/485, J-Bus, MOD-Bus
63		PROFINET
	(6)	**Extra codes**
000		Without extra code
252		Relais (changeover contact)
257		Optocoupler

Order code

(1)		(2)		(3)		(4)		(5)		(6)
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Accessories

Description	Part no.
709710/02-semiconductor fuse 200A (In=10	00434229
709710/04-choke 75A	00392474
709710/04-choke 100A V2	30075360
709710/04-choke 200A	00436848
709710/03-filter 16A-AC115..440V	00399527
709710/03-filter 20A-AC115..440V	00438775
709710/03-filter 32A-AC115..440V	00409831
709710/03-filter 63A-AC115..440V	00409990
709710/03-filter 100A-AC115..440V	00431997
USB cable, A connector to Micro-B connec length 3 m	00616250

Software

Description	Part no.
Setup JUMO IPC 300	00752979
JUMO IPC 300 PROFINET GSDML-Datei	00775397