



# Technical Data

## MTC 3000 Traffic Controller Series

# MTC 300

### Housing

Standard cabinet without / with ESC element	size 2
ESC element	as required locally

### Control electronics

Max. number of signal groups	18
Control technology	fully electronic system using microprocessor technology
Communication options / interfaces	parallel co-ordination impulse / serial
Clock generator and clock accuracy	mains frequency, optionally DCF 77 radio clock
Time base for co-ordination	freely programmable
Error indication	plain text via display, service notebook
Signal sequence	all signal sequences programmable
Startup and shutdown program	freely programmable
Data supply	PC-based editor, compiler TOP3000
Traffic software cycle time	500 ms

### Safety technology

Signal fault prevention	integral fail-safe technology on SSK modules, DIN / VDE 0832-100 (February 2002)	
CE conformity	Low voltage directive	73/23/EWG including update 93/68/EWG
	EMV directive	EMV 89/366/EWG including update 92/31/EWG and update 93/68/EWG
Intergreen monitoring time	intergreen computer with automatic suppression of intergreen violations, automatic phase-transition formation	

### Electronical specifications

Max. connected load	3.5 kW	
Max. power consumption without lamp output	0.05 - 0.3 kW	
Mains voltage	230 V (-13 ... +10%)	
Mains frequency	50 Hz (-2 ... +2%)	
Max. lamp output per signal switch at	10 V / 40 V / 230 V	monitored 30 W / 60 W / 150 W unmonitored 60 W / 80 W / 460 W
	OCIT LED signal heads 40 V AC	5 - 9 W
Energy reserve	20 ms (thereafter shutdown and restart)	

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