

ER-1 ELECTRICAL RATINGS OF THE AC SERIES CONTROLLER

VOLTAGES	TERMINALS	VOLTAGE	RANGE	CURRENT
Control Boards Supply Voltage	10AC	10V AC	9-12V AC	1,5A
Signal Circuit Supply Voltage	100/1000	24V DC	20-27V DC	4A + 2A x (Stops/8)
Main Supply Transformer Voltage	L1-R / N-Mp L1-R/L2-S/L3-T	220V AC 380V AC	200V-230V AC 350-400V AC	2A
CAM Supply Voltage	2001 (+) / 810 (-)	48V DC 180V AC	43-55V DC 160-220V DC	2A 1A
Brake Supply Voltage	2000 (-) / 840 (+)	48V DC 180V AC	43-55V DC 160-220V DC	2,5A 1,5A

FUSES	LABEL	CURRENT	CASE
Main Supply Transformer Input Fuses	FTR1, FTR2	2A	
Cabin Lamp Fuse	FKL	6A	
Safety Circuit Supply Fuse	FWCX	2A 0,5A	48V DC 220V AC
Signal Circuit Supply Fuse	F18	4A + 2A x (Stops/8)	
Brake & CAM Supply Fuse	FFP	6A 4A	48V DC 220V AC
Brake Supply Fuse	FF	3A 2A	48V DC 220V AC
CAM Supply Fuse	FP	2A 2A	48V DC 220V AC
Contactor Supply Fuse	FK	2A 1A	48V DC 220V AC
Valve Supply Fuse	FV	2A	

CABLES	DIAMETER	CASE
Main Supply (3-Phase)Cables Motor Supply Cables	2,5	<2,5 kW (Motor Power)
	4	2,5...10 kW (Motor Power)
	6	10...17 kW (Motor Power)
	10	18...27 kW (Motor Power)
	16	28...37 kW (Motor Power)
	25	38...45 kW (Motor Power)
	35	46...55 kW (Motor Power)
Cabin Lamp Cables	0,75	
Safety Circuit Cables	0,75	
Signal Circuit Supply Cables	0,75	2...24 Stops
	1	25...50 Stops
	1,5	51...64 Stops
3-Phase Automatic Door Cables	1,5	
Brake Cables	0,75	
CAM Cables	0,75	
Contactor Supply Cables	0,75	
Valve Supply Cables	0,75	
Signal Lamp Cables	0,75	
Display Output Cables	0,75	
Signal Input Cables	0,75	
Serial Communication Lines	0,75	
Inverter Brake Resistor Cables	2,5	4...7,5 kW (Inverter Power)
	4	11...15 kW (Inverter Power)
	6	18,5...22 kW (Inverter Power)