

R-50iA Controller

FANUC

	R-50iA Controller			
	A-Cabinet	B-Cabinet	C-Cabinet	R-50iA Mate Controller
				
Rated Supply Voltage	200V-575V AC +10% - 15% 50/60Hz ±1Hz, 3-Phase			200V-240V AC +10% - 15% 50/60Hz ±1Hz, 1/3-Phase
Mass of Controller (kg)	120-140*1)	180-200*1)	190-210*1)	35/40*1)
Dimensions (W×D×H mm)	600×470×500	600×550×950	740×600×870	470×322×400*1) 470×402×400*1)
Overvoltage Category / Pollution Degree	Overvoltage Category III, Pollution degree 3, IEC60664-1, IEC/EN/UL61010-1			
Protection Class	IP54			
Safety Function	Emergency stop function Position/Speed check function		PL=e, Cat4 (ISO13849-1) SIL3 (IEC61508) PL=d, Cat3 (ISO13849-1) SIL2 (IEC61508)	
Memory Devices	USB, SD			
Field Network	DeviceNet, PROFINET, CC-Link, CC-Link IE, EtherNet/IP, EtherCAT			
Supported Robot Models (○ : Supported - : Not Supported)				
LR Mate	○ *2)	○ *2)	○ *2)	○
ARC Mate	○	○	○	○
M-10	○	○	○	○
M-20	○	○	○	○
M-710	○	○	○	-
M-800	○	○	○	-
M-810	○	○	○	-
R-1000	○	○	○	-
R-2000	○	○	○	-
M-900	○ *5)	○	○ *5)	-
M-910	-	○	○	-
M-950	-	○	○	-
M-1000	○	○	○	-
M-2000	○	○	○	-
M-410	○	○	○	-
DR	○ *3)	-	-	○
CR	○	-	-	-
CRX	○	-	-	○ *4)

*1) These values differ depending on the robot model.

*2) Excludes LR/4,/7,/10,/14 Families

*3) Excludes DR/05 Family

*4) Excludes CRX/10 Family, CRX/3 and /5 Robots

*5) Excludes M900/200R Robot