

# 1 INSTALLATION

## 1.1 Cable Run Reference Table (Maximum Lengths)



### IMPORTANT!

**MOTOR POWER CABLE RUN LENGTHS MUST NOT EXCEED THE DISTANCES IN THE REFERENCE TABLE BELOW.**

Failure to do so will result in loss of voltage along the cable run, subsequently resulting in insufficient voltage at the motor input terminals.

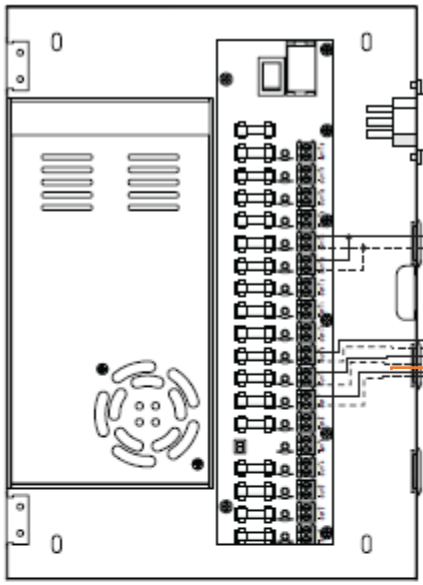
Before connection of any motors to the power distribution panel, check cable lengths and wire gauge (AWG), against this table in order to ensure system will operate to specification.

		ROLLESE ACMEDA MOTORS				
		MTDCRF18-0.2	MTDCRF25-1.1	MTDCBSW25-1.1	MTDCRF28-2	MTDCRF45-10 MTDCRFQ45-3 MTDCRF35-3
CABLE RUN LENGTH TOTAL (m)	≤15m	24 AWG	24 AWG	24 AWG	24 AWG	24 AWG
	20m	24 AWG	24 AWG	24 AWG	24 AWG	22 AWG
	25m	24 AWG	24 AWG	24 AWG	24 AWG	22 AWG
	30m	24 AWG	24 AWG	24 AWG	24 AWG	20 AWG
	35m	24 AWG	24 AWG	24 AWG	22 AWG	20 AWG
	40m	24 AWG	24 AWG	24 AWG	22 AWG	20 AWG
	45m	24 AWG	24 AWG	22 AWG	22 AWG	18 AWG
	50m - 60m	24 AWG	22 AWG	22 AWG	20 AWG	18 AWG
	65m	24 AWG	22 AWG	22 AWG	20 AWG	18 AWG
	70m	24 AWG	22 AWG	20 AWG	20 AWG	16 AWG
	75m	24 AWG	20 AWG	20 AWG	18 AWG	16 AWG
	80m	24 AWG	20 AWG	20 AWG	18 AWG	16 AWG
	85m	24 AWG	20 AWG	20 AWG	18 AWG	16 AWG
	90m	22 AWG	20 AWG	20 AWG	18 AWG	16 AWG
	95m	22 AWG	20 AWG	20 AWG	18 AWG	16 AWG
	100m	22 AWG	20 AWG	20 AWG	18 AWG	16 AWG
	105m	22 AWG	20 AWG	18 AWG	18 AWG	N/A
	110m	22 AWG	20 AWG	18 AWG	18 AWG	N/A
	115m	22 AWG	18 AWG	18 AWG	18 AWG	N/A
	120m - 160m	20 AWG	18 AWG	18 AWG	16 AWG	N/A
	165m	20 AWG	18 AWG	18 AWG	16 AWG	N/A
	170m	20 AWG	18 AWG	16 AWG	16 AWG	N/A
	175m	20 AWG	16 AWG	16 AWG	16 AWG	N/A
	180m	20 AWG	16 AWG	16 AWG	16 AWG	N/A
	185m - 210m	20 AWG	16 AWG	16 AWG	N/A	N/A
	215m	20 AWG	16 AWG	16 AWG	N/A	N/A
	220m - 255m	18 AWG	16 AWG	16 AWG	N/A	N/A
	260m	18 AWG	16 AWG	16 AWG	N/A	N/A
	265m	18 AWG	16 AWG	N/A	N/A	N/A
	270m	18 AWG	16 AWG	N/A	N/A	N/A
275m	18 AWG	16 AWG	N/A	N/A	N/A	
280m - 335m	18 AWG	N/A	N/A	N/A	N/A	
340m	18 AWG	N/A	N/A	N/A	N/A	
345m - 535m	16 AWG	N/A	N/A	N/A	N/A	
540m	16 AWG	N/A	N/A	N/A	N/A	

\*Refer to section 4 on page 9 for detailed American Wire Gauge (AWG) dimensions



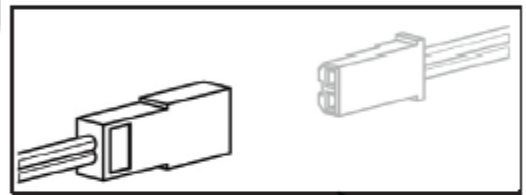
RTMDCPCA



RTMDCPD18

Cable Run

Cable Run



RTMDCH



Slim Drapery Motor



RTMDMA



Tubular Motor