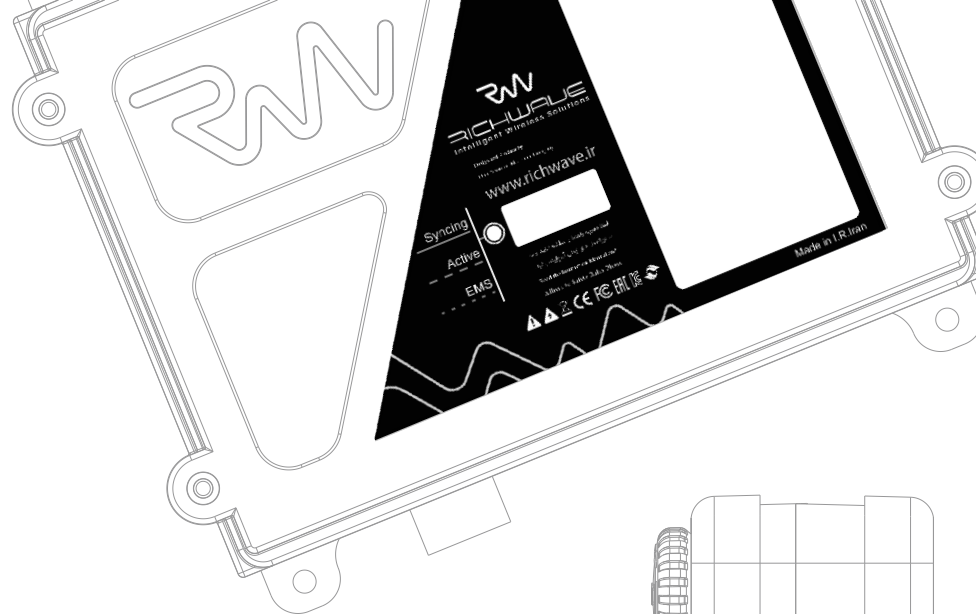
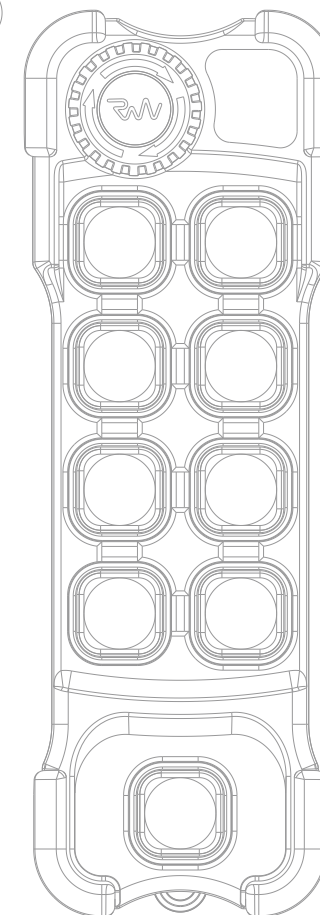
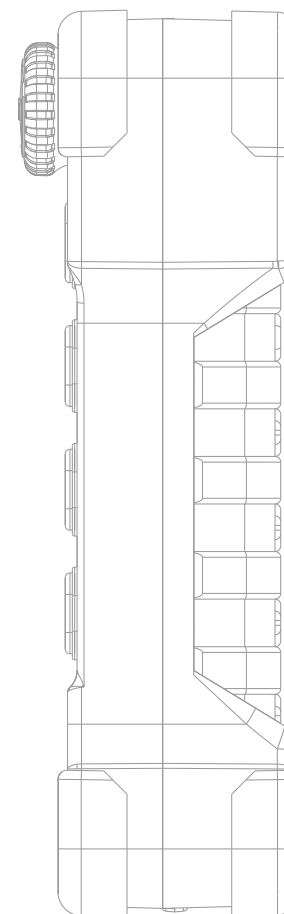


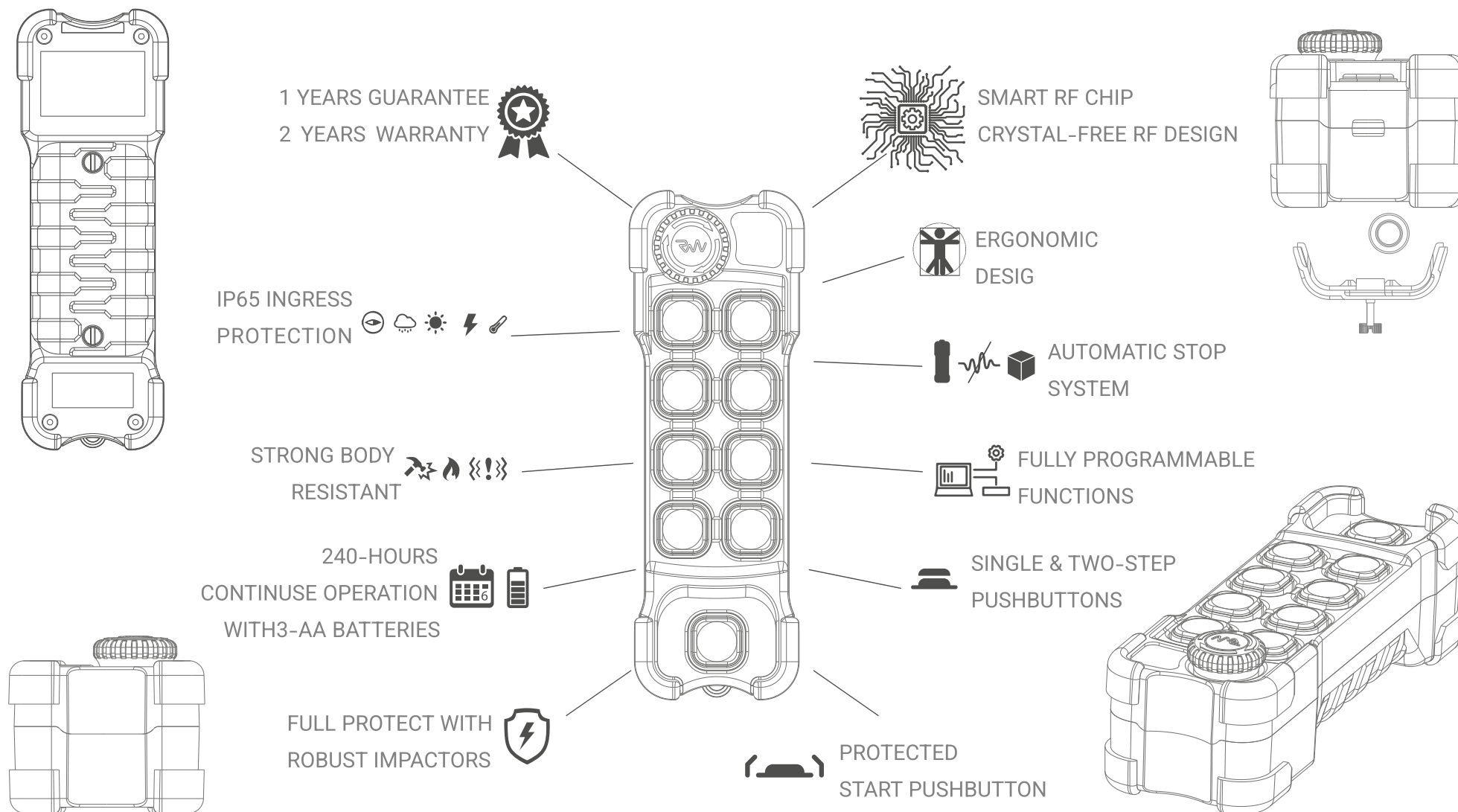


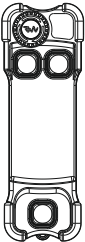
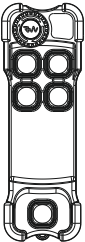
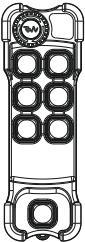
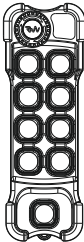
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Intelligent Wireless Solutions

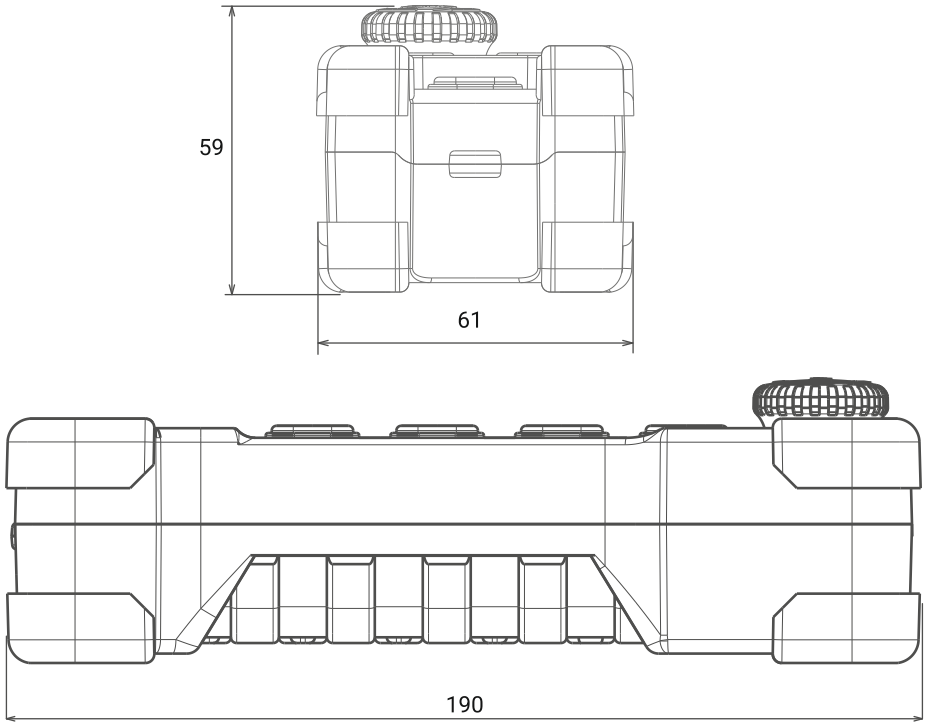
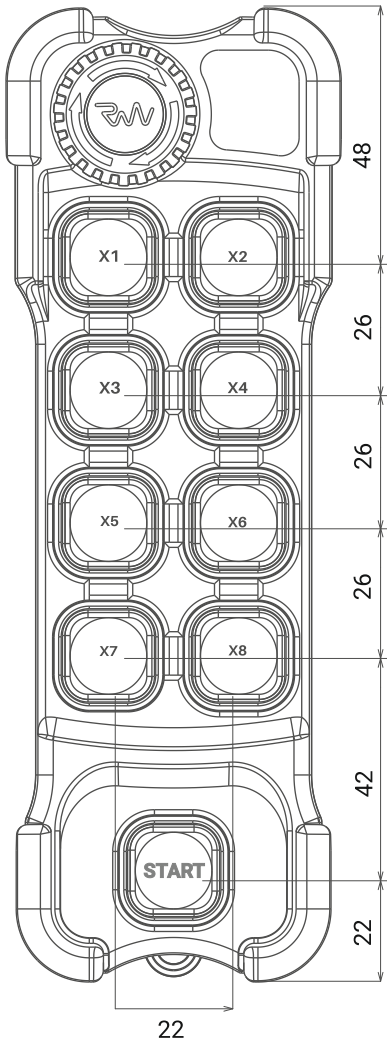
F Series Industrial Wireless Remote Control Datasheet



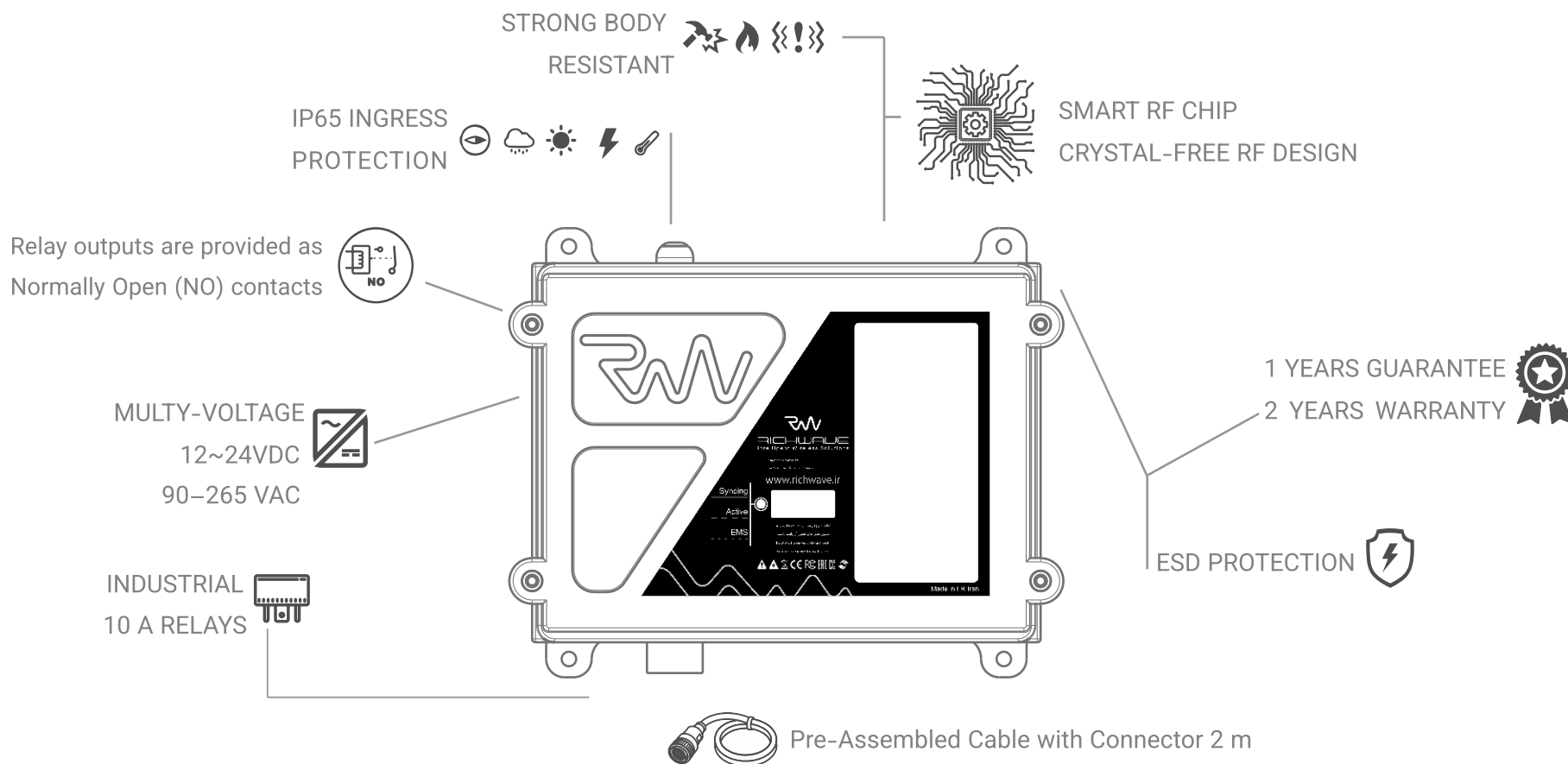


Series	F							
Keys Models	2X		4X		6X		8X	
PIC								
Function Pushbuttons	2Keys + START + E-STOP		4Keys + START + E-STOP		6Keys + START + E-STOP		8Keys + START + E-STOP	
Pushbutton Type	Single-Step	Two-Step	Single-Step	Two-Step	Single-Step	Two-Step	Single-Step	Two-Step
Transmitter Models	TF-201A	TF-202A	TF-401A	TF-402A	TF-601A	TF-602A	TF801A	TF802A
Receiver Models	RX/201A	RX/202A	RX/401A	RY/402A	RX/601A	RY/602A	RX/801A	RY/802A
Transmitter & Receiver Models	TF-RX/201A	TF-RX/202A	TF-RX/401A	TF-RY/402A	TF-RX/601A	TF-RY/602A	TF-RX/801A	TF-RY/802A
Typical Operating Range	100 meters (Line-of-Sight)							
Modulation	GFSK							
Antenna Type	Internal							
Antenna Impedance	50 Ω							
RF Link Loss Response	Automatic Stop							
RF Output Power	10 dBm							

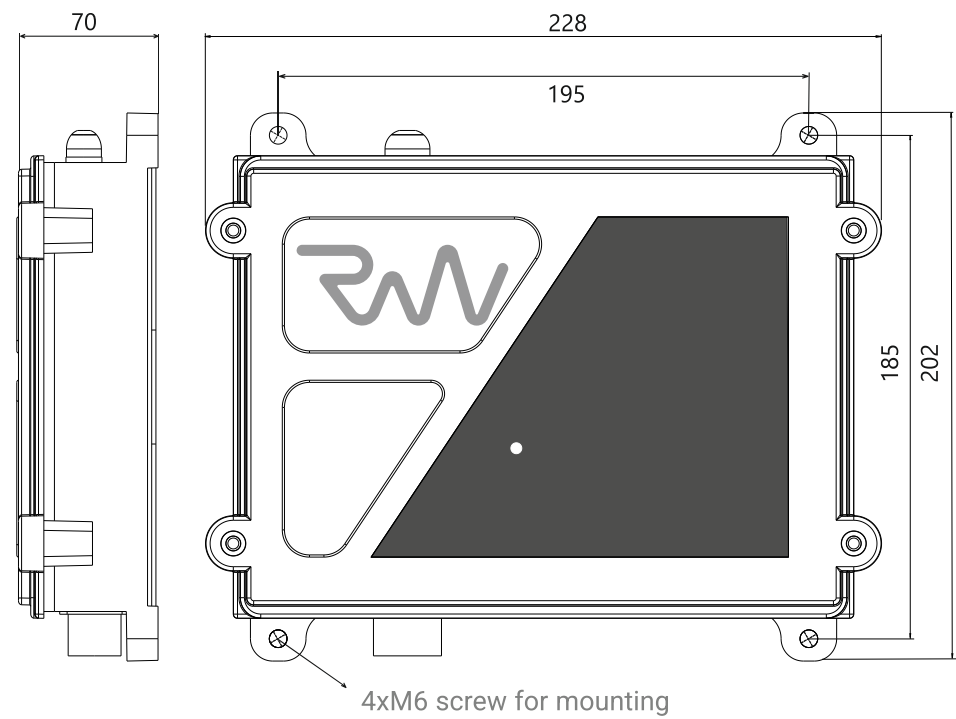
Series	F			
Keys Models	2X	4X	6X	8X
Typical Command Response Time	< 30 ms			
Power Supply	3×1.5V (LR6 AA)			
Typical Operating Current	16 mA			
Sleep Consumption	150 μA			
Typical Battery Life	240 Hours			
Operating and Storage Temperature	(-40°C) to (+85°C)			
Protection Degree	IP65			
Dimensions	190x61x51x mm			
Weight (including batteries)	Approximately 360 g			
Housing Material	PA6.6+30%GF			
Device Id	Unique CODE			
PC Programming	Yes			
Status Indication	LED			
Working Frequency	2.4 GHz ISM Band			



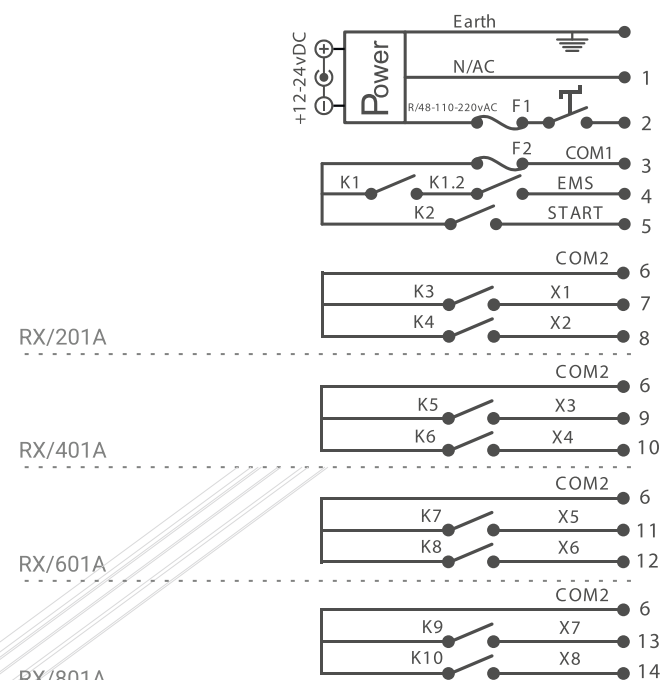
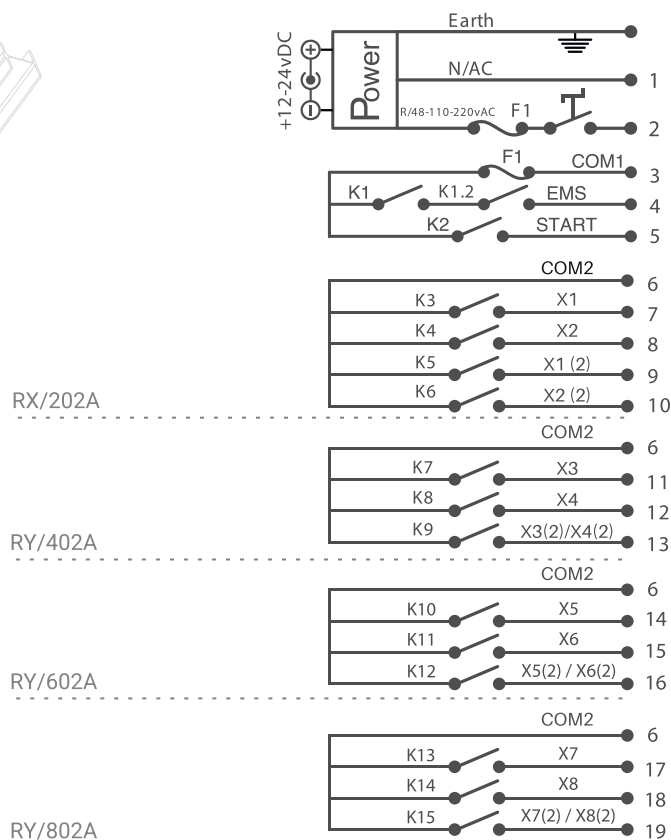
 RICHWAVE www.richwaveco.com Tel: +98 21 5811 6000		PART NAME:TRANSMITTER ASSEMBLY		DRAWING NO.: DRW-RX-000		 SCAN FOR DOCUMENTATION							
				REVISION: A									
		MODEL: F SERIES		SHEET: 1 OF 1									
		DRAWING TITLE:TRANSMITTER DRAWING		SIZE: A4									
				SCALE: 1:1.58									
		MATERIAL: PA6.6+30%GF		UNIT: mm									
		VERSION: 1/001											
DRAWN BY		DATE		REVISION HISTORY									
RICHWAVE		2026.06.30		STANDARD: ISO 7200		REV:		DESCRIPTION		DATE		BY:	
				PROJECTION: 		A		INITIAL RELEASE		2026.06.30		RW	



Relay Contact Rated Voltage	30 VDC / 250 VAC
Relay Contact Rated Current	3 to 10 A
Working Frequency	2.4 GHz ISM Band
Typical Operating Range	100 meters (Line-of-Sight)
Antenna Type	Internal
Relay Contact Configuration	1 Form A, Normally Open (NO)



 RICHWAVE www.richwaveco.com Tel: +98 21 5811 6000			GENERAL TOLERANCES ISO 7200 - m		SURFACE FINISH 		PART NAME: RECEIVER ASSEMBLY		DRAWING NO.: DRW-RX-0002		 SCAN FOR DOCUMENTATION										
							MODEL: R SERIES		REVISION: A												
			PROJECTION 		DRAWING TITLE: RECEIVER OUTLINE DRAWING		SHEET: 1 OF 1														
					MATERIAL: ABS		SIZE: A4														
							SCALE: 1:3		UNIT: mm												
							VERSION: 1/001														
DRAWN BY		DATE		QC BY		DATE		APPROVED BY		DATE		STANDARD: ISO 7200		REVISION HISTORY							
RICHWAVE		2026.06.30		RICHWAVE		2026.06.30		RICHWAVE		2026.06.30		PROJECTION: 		REV: A		DESCRIPTION INITIAL RELEASE		DATE 2026.06.30		BY: RW	





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