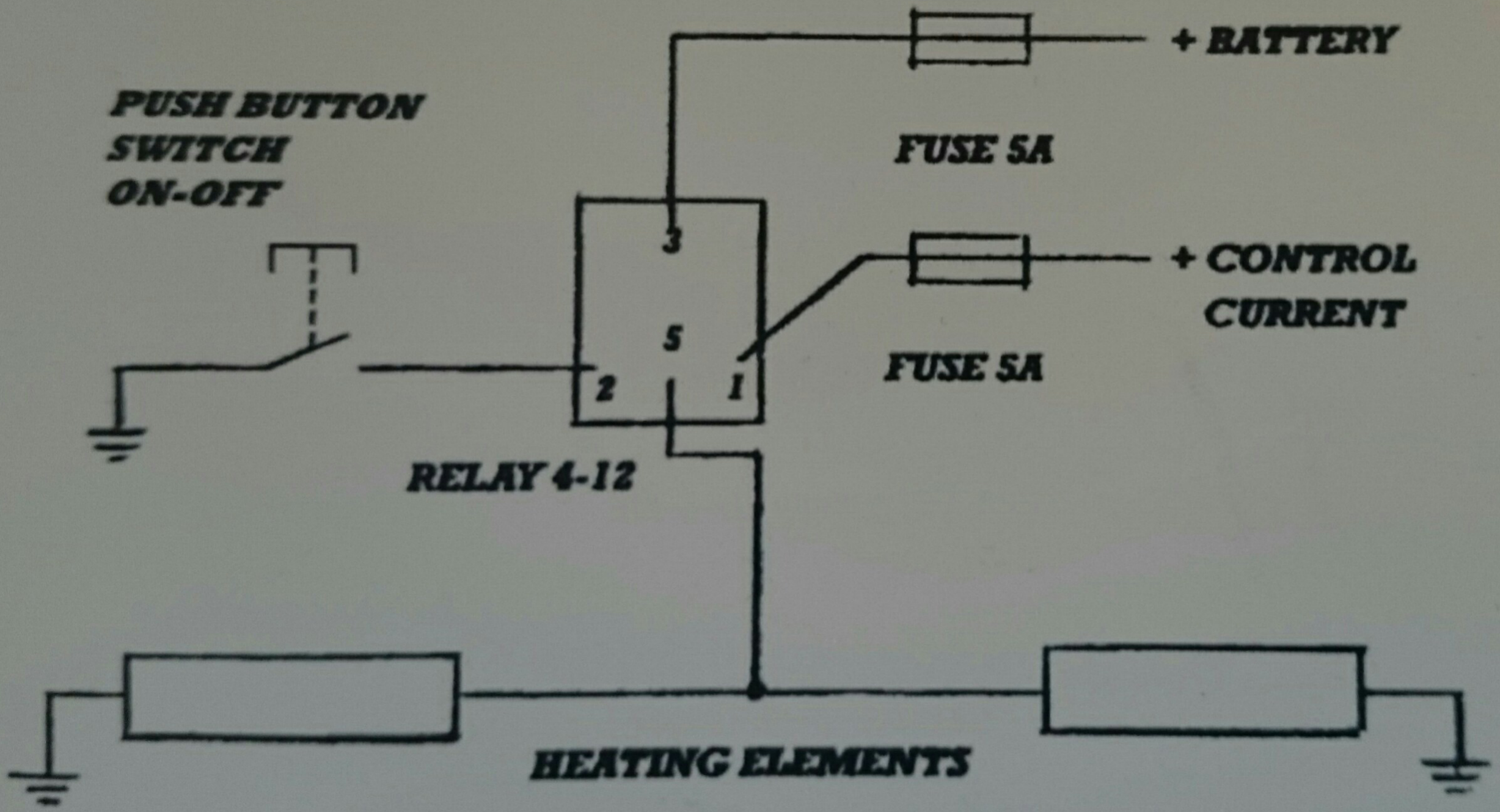CONNECTION DIAGRAM: