





a division of
Tyler Cole Enterprises

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Fire Service Car	New York City key # 2642																																
	NON-VANDAL  FOR FIRE DEPT. USE ONLY	VANDAL RESISTANT  FOR FIRE DEPT. USE ONLY																															
SPECS:																																	
Materials	Halo: red, machined polycarbonate with white, heat stamped text. Retaining brackets: 18 ga. galvanized Cylinder: cast, 6 disc brass tumblers.																																
Size & Color	Panel hole: non-vandal= 1.390", vandal= 1.020" Space on back of panel: 1.5' X 2.5' minimum. Depth of box req. : 3.0" Stud pattern: 6-32 male studs at 2' centers. Cylinders: bright nickle or brass.																																
Action	3 POSITION, CAPTIVE IN FS The contact block may be removed for wiring, the cylinder will be retained on the panel by stand-offs.																																
Contact block	Rotary switch, part #25RTFSM CONTACT RATING IS HEAVY DUTY A300 OR 10 AMP AT 277VAC.																																
TROUBLESHOOTING:																																	
Although keyswitches are tested at the factory, some changes in alignment due to shipping and installation may cause improper functioning. If the key resists pulling, recheck the fit between the switch actuator tab and the slots in the cylinder, it is best to look at this in the 12 o'clock position, line them parallel by turning the switch bracket. The switch is not field repairable and opening it will void the warranty, remove jumpers and wiring and test with an ohmeter, if it does not test good according to the chart below it will be replaced by the factory.																																	
WIRING:																																	
SWITCH CONTACTS ARE ISOLATED FROM EACH OTHER. JUMPERS ARE REQUIRED FOR A SHARED COMMON. GENERALLY, CONTACTS ARE CLOSED IN ONLY ONE POSITION AND OPEN IN ALL OTHERS.		<table border="1"> <thead> <tr> <th colspan="4">3 POSITION FIRE SERVICE MULTICODE</th> </tr> <tr> <th rowspan="2">SWITCH # 25RTFSM USK841</th> <th colspan="3">POSITION IN DEGREES FUNCTION</th> </tr> <tr> <th>315 OFF</th> <th>0 HOLD</th> <th>45 ON</th> </tr> </thead> <tbody> <tr> <td>CONTACTS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1 & 2</td> <td>X</td> <td>0</td> <td>0</td> </tr> <tr> <td>3 & 4</td> <td>0</td> <td>X</td> <td>0</td> </tr> <tr> <td>5 & 6</td> <td>0</td> <td>X</td> <td>0</td> </tr> <tr> <td>7 & 8</td> <td>0</td> <td>0</td> <td>X</td> </tr> </tbody> </table> <p>X= CLOSED, 0= OPEN, --= NONE < OR >= MOMENTARY, DIRECTION OF RETURN</p>	3 POSITION FIRE SERVICE MULTICODE				SWITCH # 25RTFSM USK841	POSITION IN DEGREES FUNCTION			315 OFF	0 HOLD	45 ON	CONTACTS				1 & 2	X	0	0	3 & 4	0	X	0	5 & 6	0	X	0	7 & 8	0	0	X
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REPLACEMENT PARTS:																																	
Keyswitch assembly	STAINLESS	45KSFSCSNYC																															
	BRASS	45KSFSCBNYC																															
Cylinder	STAINLESS	45FSC																															
	BRASS	45FSCB																															
Halo		70HAPRR02S																															
Switch		25RTFSM																															
Key		45Y2642																															
PTL EQUIPMENT 1-800-736-2120 09/09/09																																	

