





a division of
Tyler Cole Enterprises

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Fire Service Hall	New York City key # 2642																																
	NON-VANDAL  FOR FIRE DEPT. USE ONLY.	VANDAL RESISTANT  NORMAL FIREMEN SERVICE 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	2 POSITION, KEY REMOVEABLE IN ALL The contact block may be removed for wiring, the cylinder will be retained on the panel by stand-offs.																																
Contact block	Rotary switch, part #25RT245 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 ohmmer, if it does not test good according to the chart below it will be replaced by the factory.																																	
WIRING:																																	
<p>SWITCH CONTACTS ARE ISOLATED FROM EACH OTHER. JUMPERS ARE REQUIRED FOR A SHARED COMMON.</p> <p>GENERALLY, CONTACTS ARE CLOSED IN ONLY ONE POSITION AND OPEN IN ALL OTHERS.</p>		<table border="1"> <thead> <tr> <th colspan="4">2 POSITION FIRE SERVICE, 45 DEGREE</th> </tr> <tr> <th rowspan="2">SWITCH # 25RT245 US9335</th> <th colspan="3">POSITION IN DEGREES FUNCTION</th> </tr> <tr> <th>0 OFF</th> <th>45 ON</th> <th>∞</th> </tr> </thead> <tbody> <tr> <td>CONTACTS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1 & 2</td> <td>X</td> <td>∅</td> <td>~</td> </tr> <tr> <td>3 & 4</td> <td>X</td> <td>∅</td> <td>~</td> </tr> <tr> <td>5 & 6</td> <td>∅</td> <td>X</td> <td>~</td> </tr> <tr> <td>7 & 8</td> <td>∅</td> <td>X</td> <td>~</td> </tr> </tbody> </table> <p>X= CLOSED, ∅= OPEN, ~ = NONE < OR >= MOMENTARY, DIRECTION OF RETURN</p>	2 POSITION FIRE SERVICE, 45 DEGREE				SWITCH # 25RT245 US9335	POSITION IN DEGREES FUNCTION			0 OFF	45 ON	∞	CONTACTS				1 & 2	X	∅	~	3 & 4	X	∅	~	5 & 6	∅	X	~	7 & 8	∅	X	~
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REPLACEMENT PARTS:																																	
Keyswitch assembly	STAINLESS	45KSFHSHNYC																															
	BRASS	45KSFHSHBNYC																															
Cylinder	STAINLESS	45FSH																															
	BRASS	45FSHB																															
Halo		70HAPRR02S																															
Switch		25RT245																															
Key		45Y2642																															
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