Q&A Document

80NSSC26934871Q-1– Allen-Bradley Key Switches E1 Controls

Q: Our partner supplier is unfamiliar with the "F" letter at the end of each part number. Could NASA elaborate a bit more on this issue?

A. **The BF in the part number stands for 2 N.O and 2 N.C. contacts.**

Q: Dear Ms. Patterson,

We are interested in participating in this opportunity.

However, Alen-Bradley has informed us as follows:

"None of parts numbers you provided are coming up in the Rockwell database. Can you please double check each part number and correct and re-send?

2 ea – 800TC-H31BF – Not a valid part number, please review

2 ea – 800TC-H3103BF - Not a valid part number, please review

2 ea – 800TC-H3104BF - Not a valid part number, please review

2 ea – 800TC-H3105BF - Not a valid part number, please review

2 ea – 800TC-H3106BF - Not a valid part number, please review

2 ea – 800TC-H3107BF - Not a valid part number, please review

2 ea – 800TC-H3108BF - Not a valid part number, please review

2 ea – 800TC-H3109BF - Not a valid part number, please review

2 ea – 800TC-H3110BF - Not a valid part number, please review

2 ea – 800TC-H3111BF - Not a valid part number, please review

2 ea – 800TC-H3112BF - Not a valid part number, please review

2 ea – 800TC-H3113BF - Not a valid part number, please review

2 ea – 800TC-H3114BF - Not a valid part number, please review

2 ea – 800TC-H3115BF - Not a valid part number, please review

2 ea – 800TC-H3116BF - Not a valid part number, please review

2 ea – 800TC-H3117BF - Not a valid part number, please review

2 ea – 800TC-H3118BF - Not a valid part number, please review

2 ea – 800TC-H3119BF - Not a valid part number, please review

2 ea – 800TC-H3120BF - Not a valid part number, please review

2 ea – 800TC-H3121BF - Not a valid part number, please review

2 ea – 800TC-H3122BF - Not a valid part number, please review

2 ea – 800TC-H3123BF - Not a valid part number, please review

2 ea – 800TC-H3124BF - Not a valid part number, please review

2 ea – 800TC-H3125BF - Not a valid part number, please review

2 ea – 800TC-H3126BF - Not a valid part number, please review"

A: The Allen Bradley switches are part of the 800TC family, which is a line of heavy duty 30 mm operator devices used for industrial control applications. These devices are two position, key operated selector switches that use a cylinder lock mechanism. The first portion of each part number, "800TC," identifies the product family and indicates that the device is a 30 mm selector switch. The middle portion of the number, which begins with "H31" and is followed by two additional digits, represents the specific key code and lock configuration assigned to that switch. Each different "H31XX" code corresponds to a different keying option, meaning that each switch operates with its own unique key. This is intentional when multiple keyed different cylinders are required on the same system. The final portion of the part number, "BF," identifies the factory assembled configuration and contact arrangement. In this case, "BF" indicates a switch supplied with a standard block containing two normally open and two normally closed contacts.

All part numbers in this family follow this same structure: family designation, key code variant, and contact block configuration.