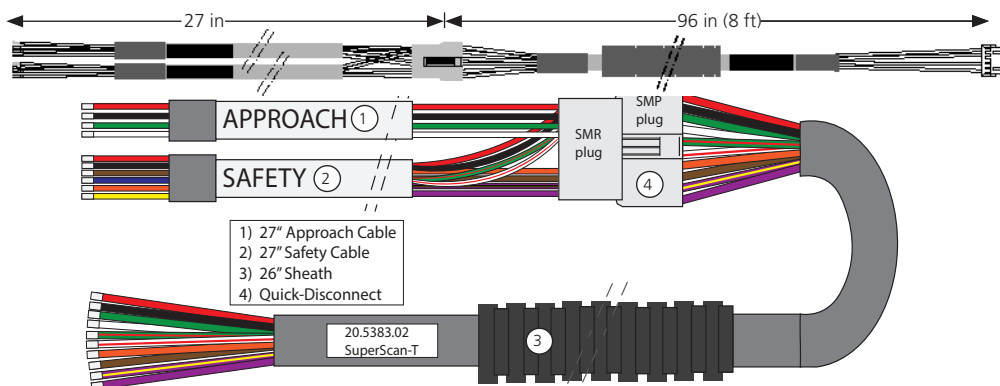




SUPERSCAN-T QUICK-DISCONNECT HARNESS

DESCRIPTION



INSTALLATION & WIRING



- The device should not be used for purposes other than its intended use. All other uses cannot be guaranteed by the manufacturer of the sensor.
- The installer of the door system is responsible for carrying out a risk assessment and installing the sensor and the door system in compliance with applicable national and international regulations and standards on door safety.
- The manufacturer of the sensor cannot be held responsible for incorrect installations or inappropriate adjustments of the sensor.

1. Perform a SuperScan-T installation as normal (per User's Guide 75.5911). When performing the cabling installation, follow the same cable routing guidelines that are provided in the user's guide, using the SuperScan-T Quick-Disconnect Cable in lieu of the standard cable.
2. After routing the Quick-Disconnect Cable, attach the approach cable to the approach-side SuperScan-T, and the safety cable to the safety-side SuperScan-T as follows:
3. Attach the other end of the Quick-Disconnect cable to the door header as follows:

TERM.	APPROACH WIRE COLOR	SAFETY WIRE COLOR	FUNCTION
1	Purple w/Yellow	Purple w/Yellow	TEST +
2	Purple	Purple & Brown	GROUND
3	[not used]	Orange	INHIBIT +
4 ^{1,3}	[not used]	[not used]	NORMALLY OPEN
5 ^{2,3}	Green	Green w/Red	NORMALLY CLOSED
6	White	White w/Red	COMMON
7	Black	Black	POWER NEGATIVE
8	Red	Red	POWER POSITIVE

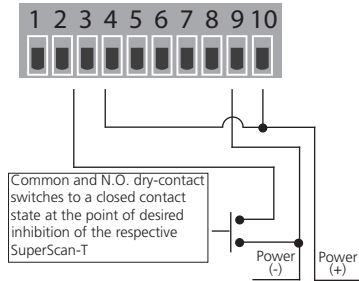
WIRE COLOR	CONTROL CONNECTION (or other function)
RED	Power (+) : 12 – 24 VAC/VDC $\pm 10\%$
BLACK	Power (-) : 12 – 24 VAC/VDC $\pm 10\%$
WHITE	Common input at door control (for activation)
GREEN	Activation input at door control
WHITE W/RED	Common input at door control (for safety)
GREEN W/RED	Safety input at door control
ORANGE	Inhibit +
BROWN	Inhibit ground
PURPLE	Monitoring (-)
PURPLE/YELLOW	Monitoring (+)

NOTES:

1. JP2 factory default will close the relay contact on terminal 4 when the SuperScan-T is energized and not in detection. Loss of power will result in a N.O. contact.
2. JP2 factory default will open the relay contact on terminal 5 when the Superscan is energized and not in detection . Loss of power will result in a N.C. contact.
3. Changing the JP2 jumper will reverse the relay output function.

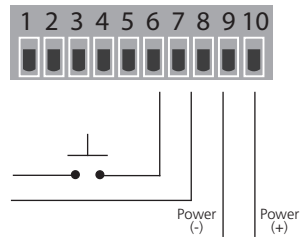
To inhibit a SuperScan-T, an external, dry-contact, switching device is required which changes state at the point of desired inhibition on the respective SuperScan-T. Each Superscan may be independently inhibited; however, a switching device will be required for each (i.e. auxiliary micro-switch on the operator). To enable the inhibiting circuit, perform the following:

1. Connect ORANGE wire (terminal 3) to RED wire (terminal 8).
2. Connect YELLOW wire (terminal 2) through microswitch common, and connect BLACK wire (terminal 7) to microswitch N.O.



ALTERNATE METHOD OF INHIBITING:

1. Break on leg of output relay circuit.



ANSI / AAADM Compliance

Upon completion of the installation or service work, at a minimum, perform a daily safety check in accordance with the minimum inspection guidelines provided by AAADM. Provide each equipment owner with an owner's manual that includes a daily safety checklist and contains, at a minimum, the information recommended by AAADM. Offer an information session with the equipment owner explaining how to perform daily inspections and point out the location of power/operation switches to disable the equipment if a compliance issue is noted. The equipment should be inspected annually in accordance with the minimum inspection guidelines. A safety check that includes, at a minimum, the items listed on the safety information label must be performed during each service call. If you are not an AAADM certified inspector, BEA strongly recommends you have an AAADM certified inspector perform an AAADM inspection and place a valid inspection sticker below the safety information label prior to putting the equipment into operation.

