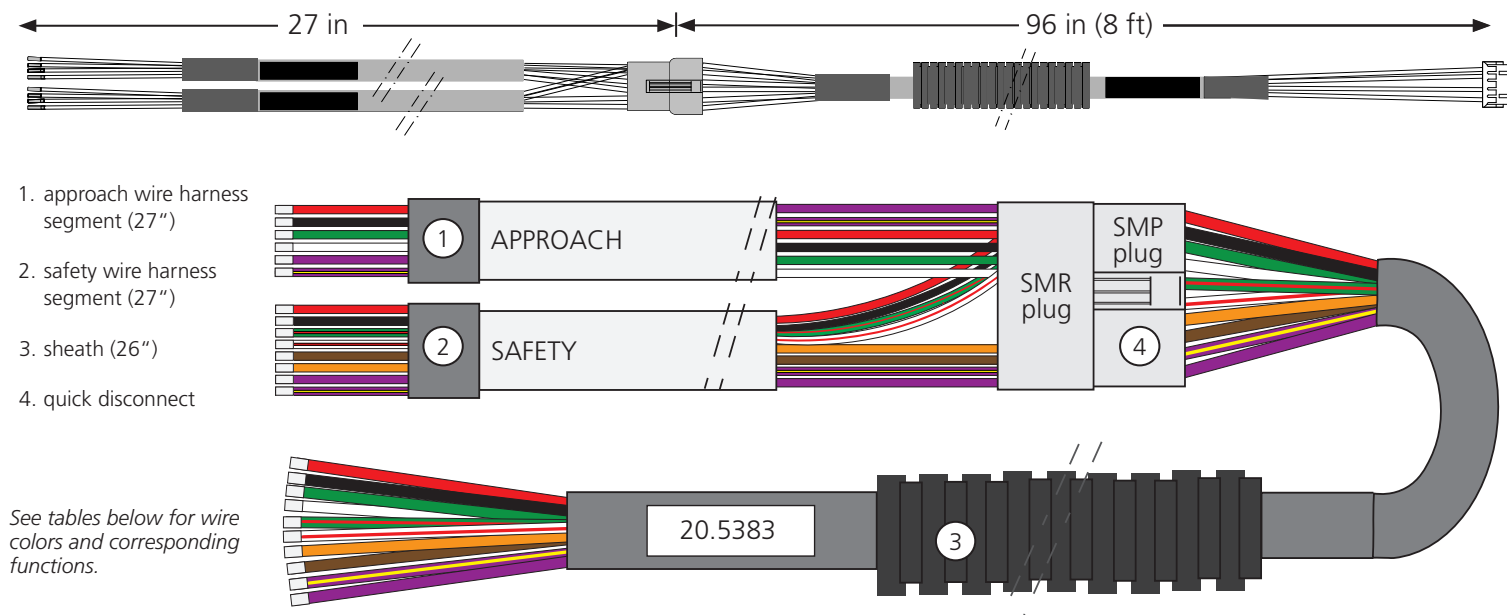


# SUPERSCAN-T QUICK DISCONNECT HARNESS



Visit website for available languages of this document.

## DESCRIPTION



## INSTALLATION & WIRING

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 segment to the approach-side SUPERSCAN-T, and the Safety segment to the safety-side SUPERSCAN-T as follows:
3. Attach the other end of the quick-disconnect cable to the door control as follows:

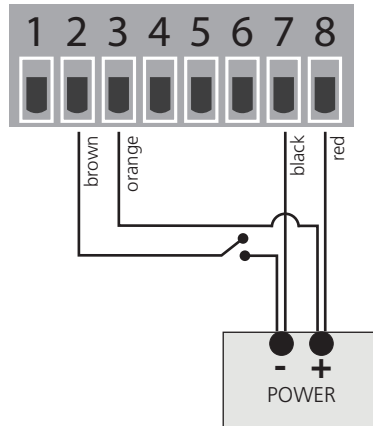
TERM.	APPROACH WIRE COLOR	SAFETY WIRE COLOR	FUNCTION
1	purple/yellow	purple/yellow	TEST (+)
2	purple	purple & brown	GROUND
3	[not used]	orange	INHIBIT (+)
4 <sup>1,3</sup>	[not used]	[not used]	NORMALLY OPEN
5 <sup>2,3</sup>	green	green/red	NORMALLY CLOSED
6	white	white/red	COMMON
7	black	black	POWER (-)
8	red	red	POWER (+)

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/red	COMMON input at door control (for safety)
green/red	SAFETY input at door control
orange	INHIBIT +
brown	INHIBIT ground
purple	TEST (-)
purple/yellow	TEST (+)

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-T 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:

### INHIBIT WITH VOLTAGE:

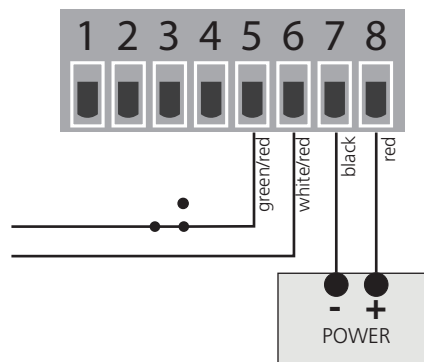
*COM and N.O. dry-contact switches to a closed contact state at the point of desired inhibition of the respective SUPERSCAN-T*



### ALTERNATE METHOD OF INHIBITING:

Break one leg of output relay circuit.

*COM and N.C. dry-contact switches to an open contact state at the point of desired inhibition of the respective SUPERSCAN-T*



### BEA INSTALLATION/SERVICE COMPLIANCE EXPECTATIONS

BEA, the sensor manufacturer, cannot be held responsible for incorrect installations or inappropriate adjustments of the sensor/device; therefore, BEA does not guarantee any use of the sensor outside of its intended purpose.

BEA strongly recommends that installation and service technicians be AAADM-certified for pedestrian doors, IDA-certified for doors/gates, and factory-trained for the type of door/gate system.

Installers and service personnel are responsible for executing a risk assessment following each installation/service performed, ensuring that the sensor system installation is compliant with local, national, and international regulations, codes, and standards.

Once installation or service work is complete, a safety inspection of the door/gate shall be performed per the door/gate manufacturer recommendations and/or per AAADM/ANSI/DASMA guidelines (where applicable) for best industry practices. Safety inspections must be performed during each service call – examples of these safety inspections can be found on an AAADM safety information label (e.g. ANSI/DASMA 102, ANSI/DASMA 107).

Verify that all appropriate industry signage and warning labels are in place.

