

## 3.18 PTUR and YTUR Turbine Specific Primary Trip Modules

The following hardware combinations are approved for use in hazardous locations:

- Mark VIe Turbine Specific Primary Trip I/O pack **IS220PTURH1A** or **IS220PTURH1B** with terminal board (accessory) **IS200TRPAH1A**
- Mark VIeS Turbine Specific Primary Trip I/O pack **IS220YTURS1A** or **IS220YTURS1B**‡ with terminal board (accessory) **IS200TRPAS1A**

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**Note** ‡ Contact GE for hardware availability.

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### 3.18.1 Electrical Characteristics

Item	Min	Nominal	Max	Units
<i>Power Supply</i>				
Voltage	27.4	28.0	28.6	V dc
Current	—	—	0.41	A dc
<i>Voltage Detection Inputs (TRPA)</i>				
Voltage	16	—	140	V dc
<i>E-stop Input (TRPA)</i>				
Voltage	18	—	140	V dc
<i>Speed Inputs (TRPA)</i>				
Voltage	-15	—	15	V dc
<i>E-stop Power Output</i>				
Voltage (O.C.)	—	28	—	V dc
Current (S.C.)	—	17	—	mA dc
<i>Contact Out (TRPA)</i>				
Voltage	—	24	28	V dc
Current	—	—	7	A dc

### 3.18.2 Field Wire Connections

For the TRPA\_1A terminal board (accessory) certified for HazLoc, refer to the table [Euro Style Box-type Terminal Blocks](#) for wire size and screw torques.