

Certificate No.	NESA-S104	Version No. 1.0
Approval date	20 October 2023	
Approved by	Head of Engineering Standards	
<i>This certificate is issued to</i>		
Supplier	Safetrack Australasia	
<i>In respect of</i>		
Manufacturer	Safetrack Australasia PO Box 1422 Wangara WA 6947	
Product description	Transient Protection Equipment	
Item identification	See the approved Item List	
Application	ARTC Network Wide	
Relevant Standards	SPS 02 Environmental Conditions SCP 04 Lightning and Surge Protection Requirements SDS 25 Signalling Circuit Design Standards	
Conditions of Approval	<ol style="list-style-type: none"> For use in accordance with ARTC standards. Only components from the approved items list may be utilised The designer to ensure that the selected item is fit for the purpose of the intended application. Safetrack Australasia to ensure they continue to meet ESG-00-15 Quality Controlled Supplier requirements as set out by ARTC. 	
<p><i>A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 12 monthly basis that accreditation is current. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS 19011.</i></p> <p><i>Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid certificate.</i></p>		
Note/Comments		
Issue date	23/10/2023	Expiry date N/A
Issued by	ARTC Manager Signalling Standards	

Approved Item List

Catalogue No.	Mounting Rail	Maximum Voltage	Conditions of Use
Circuit Protection			
STC-18S/S4	DIN 23/35	18V peak	Nominal 16V
STC-32S/S4	DIN 23/35	32V peak	Nominal 24V
STC-60S/S4	DIN 23/35	60V peak	Nominal 50V
STC-18S/S4	DIN 23/35	18V peak	Nominal 16V
STC-32S/S4	DIN 23/35	32V peak	Nominal 24V
STC-60S/S4	DIN 23/35	60V peak	Nominal 50V
STC-90S/S4	DIN 23/35	90V peak	Nominal 75V
STC-150S/S4	DIN 23/35	150V peak	Nominal 110v
STC-18S/NEQ	DIN 23/35	18V peak	Nominal 16V
Power Supply Protection			
STC-10A 24	DIN 23/35	30V rms	Transient Filter #2
STC-10A 120	DIN 23/35	150V rms	
STC-10A 240	DIN 23/35	275V rms	
STC-120/80	DIN 23/35	150V rms	1 cp Primary Clamp #1
STC-240/80	DIN 23/35	275V rms	
STC-440/80	DIN 23/35	476V rms	3 cp Primary Clamp #1
STC-150/802WE	DIN 23/25	200V DC	Battery / Solar supply Clamp #1
Track Circuit Protection			
STC-150/80ST	AAR base	150V rms	May be used as direct replacement for U.S.&S. or Safetran Spark Gap arrestors and / or Equalizers. ⚡

⚡: May be used as direct replacement for CRITECH / ERICO UTB units.

1: May only be installed on feed side of a signalling equipment bus-bar (upstream of any distribution fuse).

#2: May only be installed on feed side of a signalling equipment bus-bar supplying non-vital equipment or where galvanically isolated from any vital circuit.

⚡: Test terminals shall be isolated from any external connections.