3BSE013281R1 1/3



PRODUCT-DETAILS

3BSE013281R1 TC514V2 AF 100 Twisted pair/opto modem



General Information	
Product ID	3BSE013281R1
ABB Type Designation	TC514V2
Catalog Description	TC514V2 AF 100 Twisted pair/opto modem
Long Description	TC514V2 AF100 Twisted pair to opto repeater

Additional Information	
Medium Description	TC514V2 AF100 Twisted pair to opto repeater
Product Type	Communication_Module
Technical Information	Advant Fieldbus 100 twisted pair to opto repeater (optical fiber). Power 24V d.c. Rated isolation 50V. Note! This part is exempted from the scope of 2011/65/EU (RoHS) as provided in Article 2(4)(c), (e), (f) and (j) therein (ref.: 3BSE088609 - EU DECLARATION OF CONFORMITY - ABB Advant Master Process Control

Ordering	
HS Code	853890 Parts suitable for use solely or principally with the apparatus of heading 85.35, 85.36 or 85.37 Other
Customs Tariff Number	85389091

3BSE013281R1 2/3

8f4443f7-b972-444b-a88d-1f08fa1104e8 Sweden (SE)

Dimensions	
Product Net Depth / Length	168 mm
Product Net Height	122 mm
Product Net Width	58 mm
Product Net Weight	0.34 kg

Environmental RoHS Status Following EU Directive 2011/65/EU WEEE Category 5. Small Equipment (No External Dimension More Than 50 cm) Number of Batteries 0

Categories

SCIP

```
Control System Products → Control & Communication → Advant Common Hardware → Advant Common - Communication Modules →
TC514V2 Advant Fieldbus 100 Media Converters → TC514V2 Advant Fieldbus 100 Media Converter
Control Systems \rightarrow 800xA \rightarrow I/Os \rightarrow S800 I/O \rightarrow S800 I/O 4.0 \rightarrow Communication Modules
Control Systems → 800xA → I/Os → S800 I/O → S800 I/O 4.1 → Communication Modules
Control Systems \rightarrow 800xA \rightarrow I/Os \rightarrow S800 I/O \rightarrow S800 I/O 5.0 \rightarrow Communication Modules
Control Systems → 800xA → I/Os → S800 I/O → S800 I/O 5.1 → Communication Modules
Control Systems → Advant OCS with Master SW → 800xA for AC100 → 800xA System → 800xA 5.1 System → Communication Modules
Control Systems → Advant OCS with Master SW → 800xA for AC100 → System Baseline → Advant OPC Server for Advant Fieldbus 100
 → Communication Modules
Control Systems → Advant OCS with Master SW → Controllers → Advant Controller 160 → Advant Controller 160 Version 2.2 →
Communication Modules
Control Systems → Advant OCS with Master SW → Controllers → Advant Controller 450 → Advant Controller 450 Version 2.3 →
Communication Modules
\textbf{Control Systems} \rightarrow \textbf{Advant OCS with Master SW} \rightarrow \textbf{Engineering} \rightarrow \textbf{Advant Station 100 Engineering Board - PCI} \rightarrow \textbf{Communication 100 Engineering Board - PCI}
Modules
Control Systems → Advant OCS with Master SW → System → Advant OCS with Master SW → Advant Fieldbus 100 → Communication
Control Systems \rightarrow Advant OCS with MOD 300 SW \rightarrow I/Os \rightarrow S800 I/O \rightarrow Communication Modules
Control Systems → Advant OCS with Master SW → Controllers → Advant Controller 160 → Advant Controller 160 Version 2.2 →
Communication Modules
Control Systems → Advant OCS with Master SW → Controllers → Advant Controller 410 → Advant Controller 410 Version 1.5 →
Communication Modules
 \text{Control Systems} \rightarrow \text{Advant OCS with Master SW} \rightarrow \text{Controllers} \rightarrow \text{Advant Controller 450} \rightarrow \text{Advant Controller 450 Version 2.3} \rightarrow \text{Advant Controller 450} 
Communication Modules
Control Systems \rightarrow Advant OCS with Master SW \rightarrow Controllers \rightarrow Advant Controller 450RMC \rightarrow Advant Controller 450RMC 2.x \rightarrow
Communication Modules
Control Systems → Advant OCS with MOD 300 SW → Controllers → AC410 → Communication Modules
Control Systems \rightarrow Advant OCS with MOD 300 SW \rightarrow Controllers \rightarrow AC460 \rightarrow Communication Modules
```

3BSE013281R1 3/3

