

# Adapter set Tyco RSTI

For medium voltage connectors

CAPDIS adapter sets, together with CAPDIS Voltage Detecting Systems, enable testing for absence of voltage on medium-voltage cable fittings within the framework of the five safety rules and in compliance with IEC 62271-213. The CAPDIS adapter set couples out the voltage signal at the C1 capacitance of the medium-voltage cable fitting. A CAPDIS Voltage Detecting Systems is connected via a suitable connecting cable. This enables a professional check for absence of voltage. Likewise, this voltage signal can be used in conjunction with IKI fault indicators for the directional detection of short circuits and earth faults.



## Applications

CAPDIS adapter sets can be used in various installation situations. A separate CAPDIS adapter set is assigned to each of the medium-voltage connectors (see table).

- SF6 switchgears with defective or non-existent capacitive tap
- Separate Voltage Detecting Systems on transformers
- Incl. cover cap

## Variants for TE Connectivity medium-voltage connectors

Item number	Description
2500161_TYCO	Tyco RSTI   Type C   630 A   C1 = 2.5 pF
2500161_TYCO_H001	Tyco RSTI   Type C   630 A   C1 = 2.5 pF   without cover cap
2500163_AK4_TYCO	RSES-64xx   right-angle plug   type B   400 A   2.5 pF
2501205	Tyco RPIT   internal cone   C1 = 4.7 pF
2502336	Tyco RSES-VD-52xx-x   RSSS-VD-52xx-x   Type A   $1 < C1 < 2$
2502368	Tyco ELB

## Technical data

### Article data

Article number	2500161_TYCO
Quantity unit	Set with 3 pieces



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## Article data

Product designation	Tyco RSTI   Type C   630 A   C1 = 2.5 pF
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## Operating conditions

Operating temperature	-25°C ... 55°C
Storage temperature	-30°C ... 75°C
Voltage level	1..52 kV (Medium-voltage)
Rated frequency	50 Hz, 60 Hz
Type of interface	LRM

## Compatible medium-voltage connectors

TE Connectivity: RSTI	C1 = 1 ... 2 pF
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## Accessories

Article number	Product designation
2500053	coaxial cable RG58; AK-socket_Sx+; length = 12 m; oLb
2500823	coaxial cable RG58; AK-socket_Sx+; length = 6 m; oLb
2500828	coaxial cable RG58; AK-socket_Sx+; length = 3 m; oLB

## Ordering information

CAPDIS devices, C2m modules and cable set must be ordered separately. A calculation of the suitable C2m value is recommended due to the typically low C1 value.



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