Adapter set Euromold K158LR, ...

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

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Variants for Nexans medium-voltage connectors

Item number	Description
2500161_NEX	Nexans K400TE, K400TB/G, K440TB/G | Type B/C | C1 = 1.6 pF
2500163_AK4_NEX	Nexans | 158LR, K158LR, 200LR, K200LR, K400LR | Type A/B | C1 = 1.5 - 1.6 pF
2500399	Nexans M-430TB/G, 430TB, K430TB | Type C | C1 = 1 - 3 pF
2502603	Nexans M-480TB/G | Type C | C1 = 1 - 3 pF

Technical data

Article data

Article number	2500163_AK4_NEX
Quantity unit	Set with 3 pieces
Product designation	Nexans | 158LR, K158LR, 200LR, K200LR, K400LR | Type A/B | C1 = 1.5 - 1.6 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

Nexans: 158LR	x
Nexans: K158LR	x
Nexans: 200LR	x
Nexans: K200LR	x
Nexans: MA400LR/G-27+185AL9	x
Nexans: K400LR	x

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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