

**PHE III M12 / ZK Voltage Detector Kit**

Safety Equipment

Nominal voltage 10 ... 132 kV / 50 Hz

Voltage Detectors



PHE III voltage detector used on a 110 kV outdoor station

**General Information:**

Standard	EN/IEC 61243-1 (DIN VDE 0682 Part 411)
Temperature range	– 25 °C ... + 55 °C, climatic category N
Design	Complete
Use	Suitable for use in wet weather conditions
For	Indoor and outdoor installations
Indication	Visual and acoustic
Self-testing element	Yes
Material (test electrode)	Copper alloy/gal Sn
Material (test prod)	Glass-fibre reinforced epoxy resin tube
Material (indicator)	Plastic, fully insulated
Material (insulating stick)	Glass-fibre reinforced polyester tube

**Safe verification of isolation from supply voltage**

- Reliable indication
- Easy to use
- Multi-purpose kit
- Cost-effective/space-saving transport

**Kit includes:**

Pos. No.	Part No.	Pos. No.	Part No.
<b>1</b>	766 924	<b>13</b>	767 965
<b>2</b>	766 923	<b>14</b>	766 352
<b>3</b>	767 771	<b>15</b>	766 359
<b>4</b>	767 772	<b>16</b>	766 358
<b>5</b>	767 764	<b>17</b>	766 114
<b>6</b>	767 972	<b>18</b>	766 115
<b>7</b>	767 974	<b>19</b>	766 128
<b>8</b>	767 734	<b>20</b>	766 120
<b>9</b>	767 726	<b>21</b>	766 889
<b>10</b>	767 732	<b>22</b>	766 996
<b>11</b>	767 735	<b>23</b>	766 998
<b>12</b>	767 963		

For more detailed information on these products,  
see Accessory chapter

Safety Equipment

**PHE III M12 / ZK Voltage Detector Kit**

Voltage Detectors

Nominal Voltage Range 30 ... 60 kV / 50 Hz, Category "S"

Category "S"

Kit includes:		
Type	Part No.	No.
PHE3 30 60 S	767 971	1+3+6+17+20+21
KLT 133 34 10	766 996	22

Type	PHE3S 30 60 S
Part No.	767 970
Nominal voltage (U <sub>N</sub> )	30 ... 60 kV
Total length (l <sub>G</sub> )	2530 mm
Insertion depth (l <sub>o</sub> )	880 mm

Nominal Voltage Range 30 ... 60 kV / 50 Hz, Category "L"

Category "L"

Kit includes:		
Type	Part No.	No.
PHE3 30 60 L	767 973	2+4+7+17+20+21
KLT 133 34 10	766 996	22

Type	PHE3S 30 60 L
Part No.	767 975
Nominal voltage (U <sub>N</sub> )	30 ... 60 kV
Total length (l <sub>G</sub> )	2030 mm
Insertion depth (l <sub>o</sub> )	380 mm

Nominal Voltage Range 60 ... 110 kV / 50 Hz, Category "S"

Category "S"

Kit includes:		
Type	Part No.	No.
PHE3 60 110 S	767 990	1+3+8+18+20+21
KKL PHE3 60 110	766 998	23

Type	PHE3S2 60 110 S
Part No.	767 980
Nominal voltage (U <sub>N</sub> )	60 ... 110 kV
Total length (l <sub>G</sub> )	2980 mm
Insertion depth (l <sub>o</sub> )	880 mm