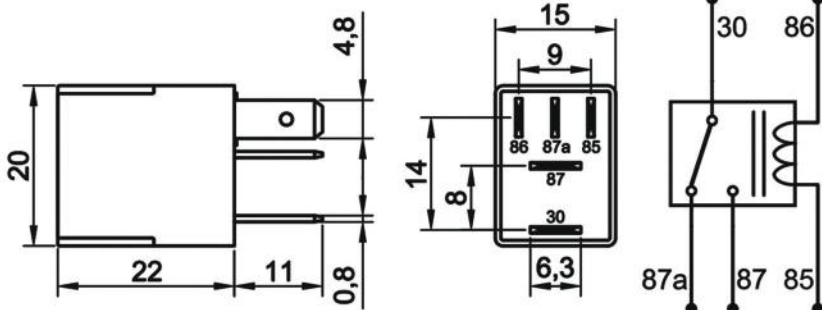


**Micro ISO Relay**

Product Code **780.215.301**

- 24V
- 15/10A Continuous
- SPDT NO, NC/1 Form C
- 5 Terminals
- Sealed

**Terminal Configuration & Dimensions & Diagram**



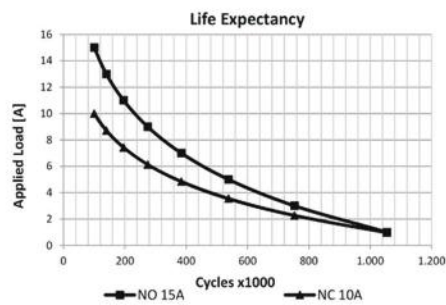
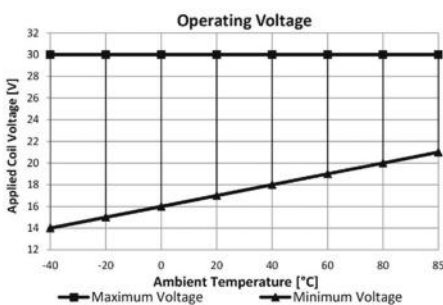
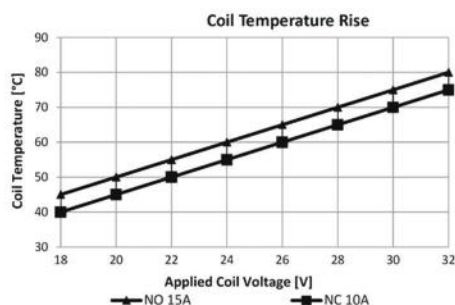
**Accessories**

- 207.351.251 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 1,50 mm<sup>2</sup>)\*
- 207.300.001 Socket – 5 Terminals – Black

\* Indicates cross section of cables carrying higher current. Please refer to **Socket Product Group** pages for different alternatives.

**Technical Data**

<b>Nominal Voltage</b>	24V	<b>Maximum Inrush Current</b>	100A
<b>Rated Continuous Load</b>	NO 15A / NC 10A	<b>Switching Cycles on Resistive Load</b>	100.000
<b>Contact Arrangement / Form</b>	1 Form C / SPDT	<b>Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)</b>	100.000
<b>Contact Material</b>	AgSnO <sub>2</sub> (AgNi10 on request)	<b>Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)</b>	100.000
<b>Operating / Drop Out Voltage</b>	<18,0V / >2,4V	<b>Vibration</b>	20-200Hz,5g:>10us
<b>Maximum Coil Voltage</b>	40V (<1 min.)	<b>Mechanical Shock</b>	>10g, 11ms>10us
<b>Coil Resistance (25°C)</b>	360Ω ± %10	<b>IP Rating</b>	IP67 DIN IEC60529
<b>Coil Suppression</b>	Standard	<b>Terminals</b>	ISO 8092 85,86,87a: 4,8x0,8mm 30, 87: 6,3 x 0,8mm
<b>Mechanical Cycles (On / Off)</b>	>1.000.000	<b>Terminals / Plating</b>	30: Fe/E-Ni 85, 86, 87, 87a: Cu/E-Ni
<b>Operating / Release Time</b>	<10ms / <15ms	<b>Bracket / Plating</b>	-
<b>Dielectric Strength</b>	>1000Vdc	<b>Ambient Temperature</b>	-40 / +80 °C



**Notes**

Cross Codes and OEM Part Numbers are listed on the next page.  
All measurements are in millimeters.

**Micro ISO Relay**Product Code **780.215.301 (Cont'd)**

- 24V
- 15/10A Continuous
- SPDT NO, NC/1 Form C
- 5 Terminals
- Sealed

**Cross Codes \***

<b>ERA</b>	<b>WEHRLE</b>
661222	29 401 000

**HERTH+BUSS**

75613176  
75613176099

\* The products on the cross codes list are in accordance with nominal voltage, rated continuous load, terminal layout and markings. Other technical information may vary.

**OEM Part Numbers \*\*****MERCEDES-BENZ**

737 518 10 00  
002 542 27 19  
002 542 30 19

**SCANIA**

1320483

**SETRA**

7375181000

**VOLVO**

3093031

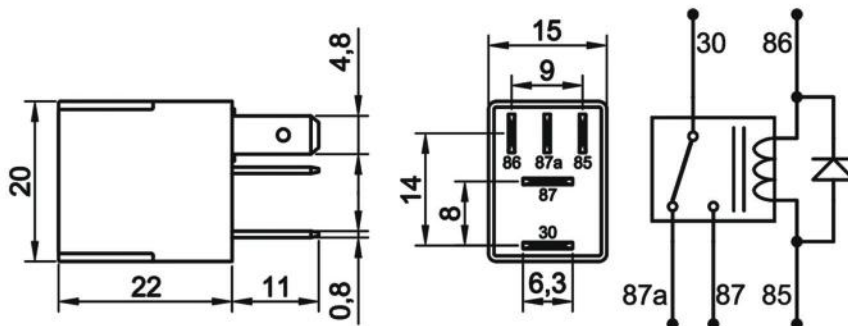
\*\* OEM part numbers listed are compiled from the information provided by the Original Equipment Manufacturers, open and restricted access third party sources.

**Micro ISO Relay**

Product Code **780.215.311**

- 24V
- 15/10A Continuous
- SPDT NO, NC/1 Form C
- 5 Terminals
- w/ Diode
- Sealed

**Terminal Configuration & Dimensions & Diagram**



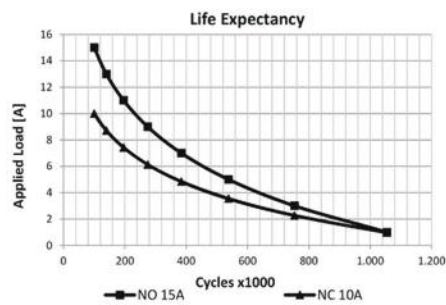
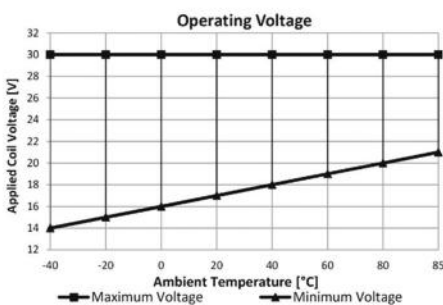
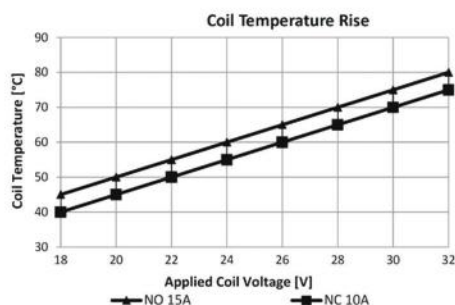
**Accessories**

- 207.351.251 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 1,50 mm<sup>2</sup>)\*
- 207.300.001 Socket – 5 Terminals – Black

\* Indicates cross section of cables carrying higher current. Please refer to **Socket Product Group** pages for different alternatives.

**Technical Data**

<b>Nominal Voltage</b>	24V	<b>Maximum Inrush Current</b>	100A
<b>Rated Continuous Load</b>	NO 15A / NC 10A	<b>Switching Cycles on Resistive Load</b>	100.000
<b>Contact Arrangement / Form</b>	1 Form C / SPDT	<b>Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)</b>	100.000
<b>Contact Material</b>	AgSnO <sub>2</sub> (AgNi10 on request)	<b>Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)</b>	100.000
<b>Operating / Drop Out Voltage</b>	<18,0V / >2,4V	<b>Vibration</b>	20-200Hz,5g:>10us
<b>Maximum Coil Voltage</b>	40V (<1 min.)	<b>Mechanical Shock</b>	>10g, 11ms>10us
<b>Coil Resistance (25°C)</b>	360Ω ± %10	<b>IP Rating</b>	IP67 DIN IEC60529
<b>Coil Suppression</b>	Diode	<b>Terminals</b>	ISO 8092 85,86,87a: 4,8x0,8mm 30, 87: 6,3 x 0,8mm
<b>Mechanical Cycles (On / Off)</b>	>1.000.000	<b>Terminals / Plating</b>	30: Fe/E-Ni 85, 86, 87, 87a: Cu/E-Ni
<b>Operating / Release Time</b>	<10ms / <15ms	<b>Bracket / Plating</b>	-
<b>Dielectric Strength</b>	>1000Vdc	<b>Ambient Temperature</b>	-40 / +80 °C



**Notes**

Cross Codes and OEM Part Numbers are listed on the next page.  
All measurements are in millimeters.



**Micro ISO Relay**Product Code **780.215.311 (Cont'd)**

- 24V
- 15/10A Continuous
- SPDT NO, NC/1 Form C
- 5 Terminals
- w/ Diode
- Sealed

**Cross Codes \***

<b>BOSCH</b>	<b>HOFFER</b>
0332 207 402	7237012
<b>ERA</b>	<b>WEHRLE</b>
661177	29 401 041
<b>HERTH+BUSS</b>	
75613193	

\* The products on the cross codes list are in accordance with nominal voltage, rated continuous load, terminal layout and markings. Other technical information may vary.

**OEM Part Numbers \*\*****DAF**

1301879  
1448174

**DAIMLER**

002 542 30 19

**IVECO**

2991715  
9844017

**KASSBOHRER**

7 375 181 000

**MERCEDES-BENZ**

002 542 27 19  
002 542 30 19  
737 518 10 00

**RENAULT TRUCKS**

5010589427  
5010645017

**SCANIA**

1320483  
1493046

**SETRA**

7375181000

**VOLVO**

1078690  
3093031

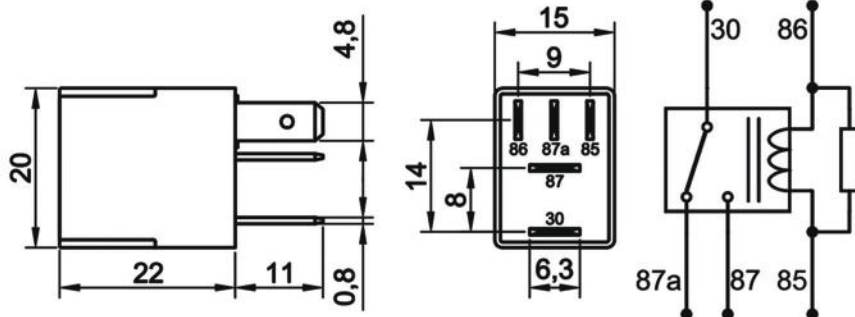
\*\* OEM part numbers listed are compiled from the information provided by the Original Equipment Manufacturers, open and restricted access third party sources.

**Micro ISO Relay**

Product Code **780.215.321**

- 24V
- 15/10A Continuous
- SPDT NO, NC/1 Form C
- 5 Terminals
- w/ Resistor
- Sealed

**Terminal Configuration & Dimensions & Diagram**



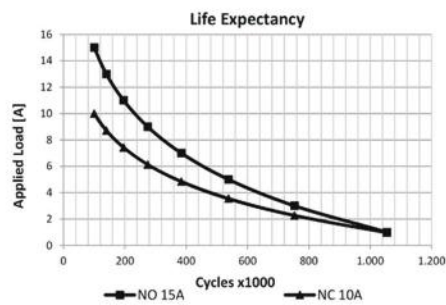
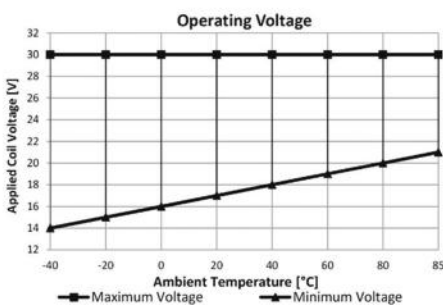
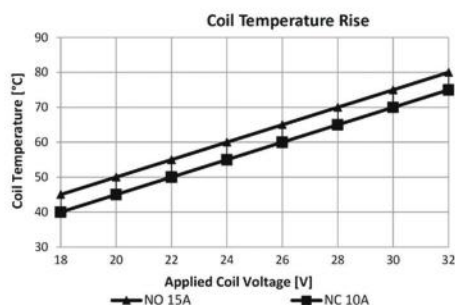
**Accessories**

- 207.351.251 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 1,50 mm<sup>2</sup>)\*
- 207.300.001 Socket – 5 Terminals – Black

\* Indicates cross section of cables carrying higher current. Please refer to **Socket Product Group** pages for different alternatives.

**Technical Data**

<b>Nominal Voltage</b>	24V	<b>Maximum Inrush Current</b>	100A
<b>Rated Continuous Load</b>	NO 15A / NC 10A	<b>Switching Cycles on Resistive Load</b>	100.000
<b>Contact Arrangement / Form</b>	1 Form C / SPDT	<b>Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)</b>	100.000
<b>Contact Material</b>	AgSnO <sub>2</sub> (AgNi10 on request)	<b>Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)</b>	100.000
<b>Operating / Drop Out Voltage</b>	<18,0V / >2,4V	<b>Vibration</b>	20-200Hz,5g:>10us
<b>Maximum Coil Voltage</b>	40V (<1 min.)	<b>Mechanical Shock</b>	>10g, 11ms>10us
<b>Coil Resistance (25°C)</b>	320Ω ± %10	<b>IP Rating</b>	IP67 DIN IEC60529
<b>Coil Suppression</b>	2k7 Resistor	<b>Terminals</b>	ISO 8092 85,86,87a: 4,8x0,8mm 30, 87: 6,3 x 0,8mm
<b>Mechanical Cycles (On / Off)</b>	>1.000.000	<b>Terminals / Plating</b>	30: Fe/E-Ni 85, 86, 87, 87a: Cu/E-Ni
<b>Operating / Release Time</b>	<10ms / <15ms	<b>Bracket / Plating</b>	-
<b>Dielectric Strength</b>	>1000Vdc	<b>Ambient Temperature</b>	-40 / +80 °C



**Notes**

Cross Codes and OEM Part Numbers are listed on the next page.  
All measurements are in millimeters.

**Micro ISO Relay**Product Code **780.215.321 (Cont'd)**

- 24V
- 15/10A Continuous
- SPDT NO, NC/1 Form C
- 5 Terminals
- w/ Resistor
- Sealed

**Cross Codes \***

<b>BOSCH</b>	<b>FISPA</b>	<b>GEBE</b>	<b>HERTH+BUSS</b>	<b>NAGARES</b>
0332 207 201	3.237012	9 9291 1	75613202	MRIS/24-10
0332 207 404	<b>FEBI BILSTEIN</b>	<b>HELLA</b>	<b>HOFFER</b>	<b>SIDAT</b>
0332 207 405	37688	4RD 933 319-011	7237012	3.237012
0332 207 406	45489	4RD 933 319-017		<b>WEHRLE</b>
				13 405 101

\* The products on the cross codes list are in accordance with nominal voltage, rated continuous load, terminal layout and markings. Other technical information may vary.

**OEM Part Numbers \*\*****DAF**

1448174  
1670141  
1301879  
98444017  
3845427119

**IRISBUS**

0 9844 4017

**IVECO**

02991715  
98444017

**MAN**

81259020476

**MERCEDES-BENZ**

25423019  
0025422719

**RENAULT TRUCKS**

50 10 578 427  
50 10 589 427  
50 10 645 017

**SCANIA**

1493046  
1320483

**VOLVO**

1078690  
3093031

\*\* OEM part numbers listed are compiled from the information provided by the Original Equipment Manufacturers, open and restricted access third party sources.