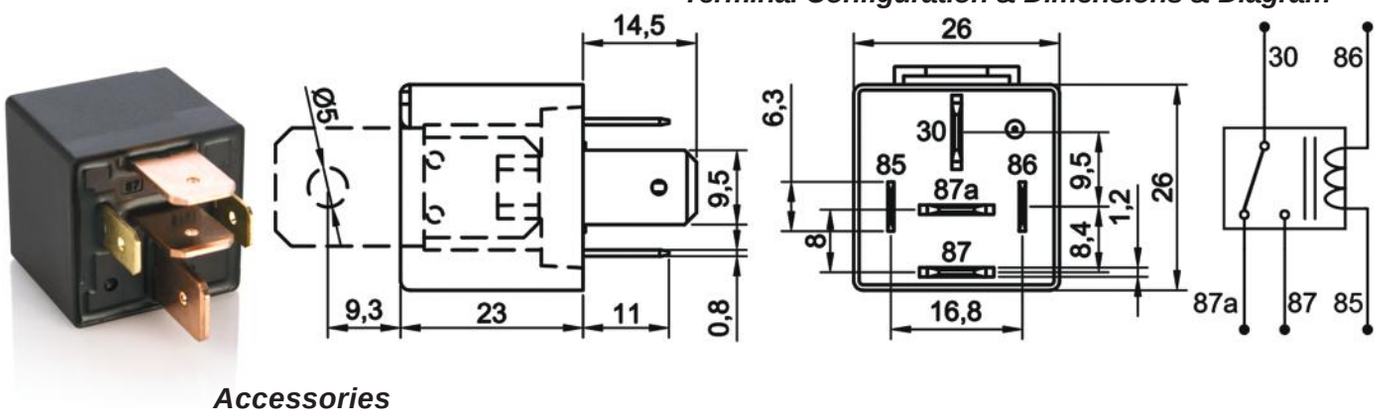
Mini ISO Power Relay

Product Code **720.170.302**

- *12V*
- *70/50A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *w/ Bracket*

Terminal Configuration & Dimensions & Diagram



Accessories

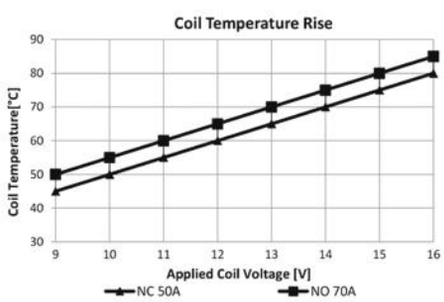
207.250.291 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 2,50 mm²)*

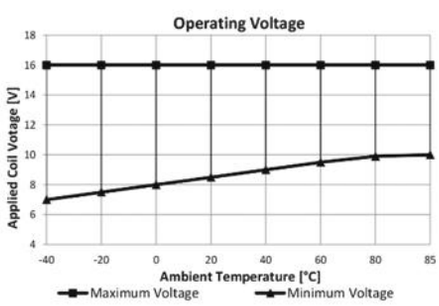
207.200.001 Socket – 5 Terminals – Black

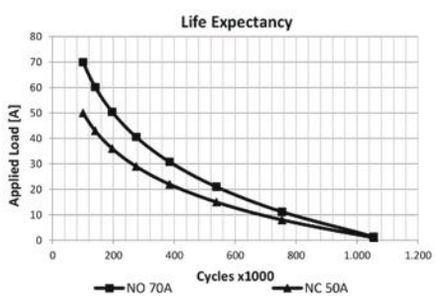
** Indicates cross section of cables carrying higher current. Please refer to* ***Socket Product Group*** *pages for different alternatives.*

Technical Data

Nominal Voltage	12V	***Maximum Inrush Current***	250A
Rated Continuous Load	NO 70A / NC 50A	***Switching Cycles on Resistive Load***	100.000
Contact Arrangement / Form	1 Form C / SPDT	***Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)***	100.000
Contact Material	AgSnO2 (AgNi10 on request)	***Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)***	100.000
Operating / Drop Out Voltage	<9,0V / >1,2V	***Vibration***	20-200Hz,5g:>10us
Maximum Coil Voltage	20V (<1 min.)	***Mechanical Shock***	>10g, 11ms>10us
Coil Resistance (25°C)	90Ω ± %10	***IP Rating***	IP54 DIN IEC60529
Coil Suppression	Standard	***Terminals***	ISO 8092 85, 86: 6,3 x 0,8mm 30, 87: 9,5 x 1,2mm
Mechanical Cycles (On / Off)	>1.000.000	***Terminals / Plating***	85, 86: CuZn63/- 30, 87, 87a: Cu/-
Operating / Release Time	<10ms / <15ms	***Bracket / Plating***	Fe/E-Ni
Dielectric Strength	>1000Vdc	***Ambient Temperature***	-40 / +80 °C







Notes

Cross Codes are listed on the next page.
All measurements are in milimeters.

Mini ISO Power Relay

Product Code ***720.170.302*** ***(Cont'd)***

- *12V*
- *70/50A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *w/ Bracket*

*Cross Codes **

GEBE

9 9083 1

MAHLE

MR32 72474004

NAGARES

RLAC/52-12

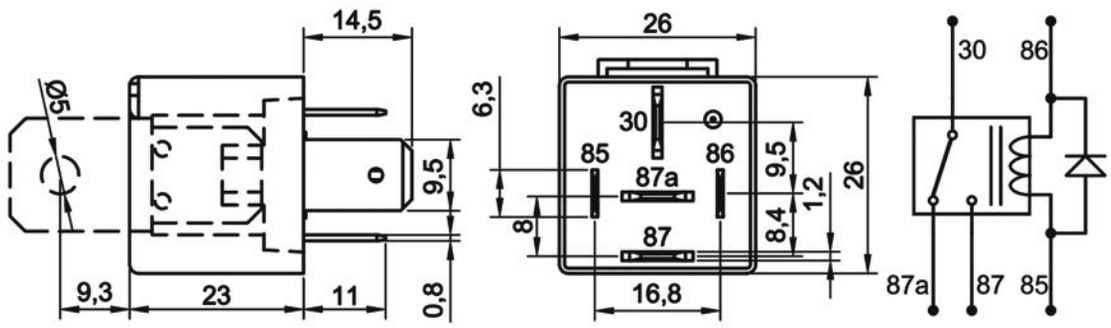
** The products on the cross codes list are in accordance with nominal voltage, rated continuous load, terminal layout and markings. Other technical information may vary.*

Mini ISO Power Relay

Product Code ***720.170.312***

- *12V*
- *70/50A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *w/ Diode*
- *w/ Bracket*

Terminal Configuration & Dimensions & Diagram



Accessories

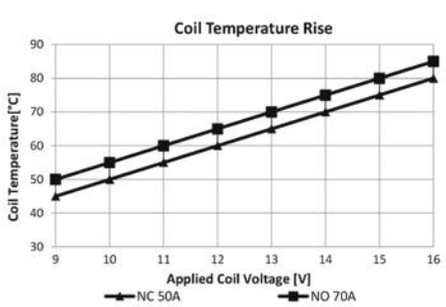
207.250.291 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 2,50 mm²)*

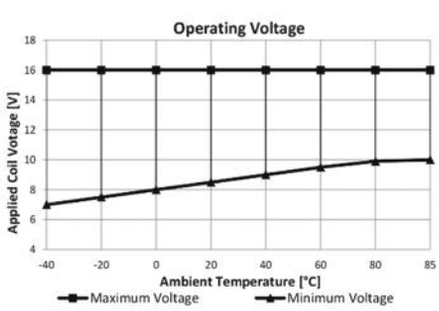
207.200.001 Socket – 5 Terminals – Black

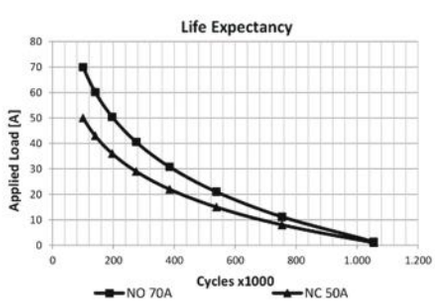
** Indicates cross section of cables carrying higher current. Please refer to* ***Socket Product Group*** *pages for different alternatives.*

Technical Data

Nominal Voltage	12V	***Maximum Inrush Current***	250A
Rated Continuous Load	NO 70A / NC 50A	***Switching Cycles on Resistive Load***	100.000
Contact Arrangement / Form	1 Form C / SPDT	***Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)***	100.000
Contact Material	AgSnO2 (AgNi10 on request)	***Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)***	100.000
Operating / Drop Out Voltage	<9,0V / >1,2V	***Vibration***	20-200Hz,5g:>10us
Maximum Coil Voltage	20V (<1 min.)	***Mechanical Shock***	>10g, 11ms>10us
Coil Resistance (25°C)	90Ω ± %10	***IP Rating***	IP54 DIN IEC60529
Coil Suppression	Diode	***Terminals***	ISO 8092 85,86: 6,3x0,8mm 30,87,87a:9,5x1,2mm
Mechanical Cycles (On / Off)	>1.000.000	***Terminals / Plating***	85, 86: CuZn63/- 30, 87, 87a: Cu/-
Operating / Release Time	<10ms / <15ms	***Bracket / Plating***	Fe/E-Ni
Dielectric Strength	>1000Vdc	***Ambient Temperature***	-40 / +80 °C







Notes

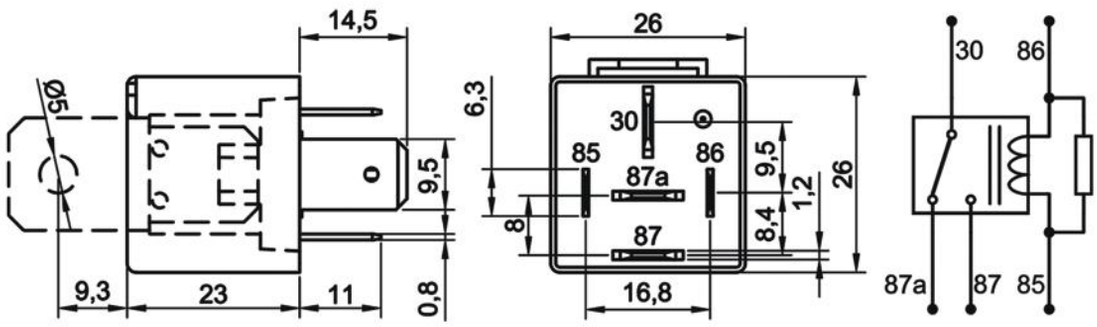
All measurements are in milimeters.

Mini ISO Power Relay

Product Code ***720.170.322***

- *12V*
- *70/50A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *w/ Resistor*
- *w/ Bracket*

Terminal Configuration & Dimensions & Diagram



Accessories

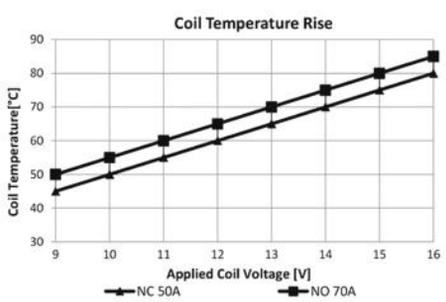
207.250.291 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 2,50 mm²)*

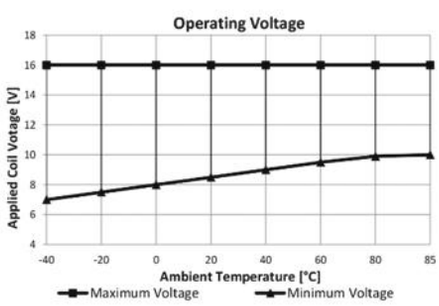
207.200.001 Socket – 5 Terminals – Black

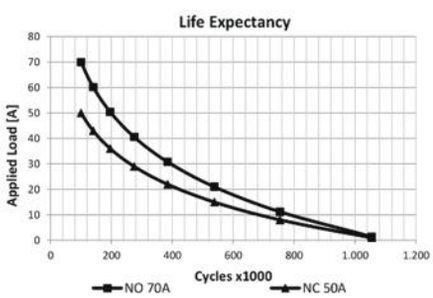
** Indicates cross section of cables carrying higher current. Please refer to* ***Socket Product Group*** *pages for different alternatives.*

Technical Data

Nominal Voltage	12V	***Maximum Inrush Current***	250A
Rated Continuous Load	NO 70A / NC 50A	***Switching Cycles on Resistive Load***	100.000
Contact Arrangement / Form	1 Form C / SPDT	***Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)***	100.000
Contact Material	AgSnO2 (AgNi10 on request)	***Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)***	100.000
Operating / Drop Out Voltage	<9,0V / >1,2V	***Vibration***	20-200Hz,5g:>10us
Maximum Coil Voltage	20V (<1 min.)	***Mechanical Shock***	>10g, 11ms>10us
Coil Resistance (25°C)	80Ω ± %10	***IP Rating***	IP54 DIN IEC60529
Coil Suppression	680Ω Resistor	***Terminals***	ISO 8092 85,86: 6,3x0,8mm 30,87,87a:9,5x1,2mm
Mechanical Cycles (On / Off)	>1.000.000	***Terminals / Plating***	85, 86: CuZn63/- 30, 87, 87a: Cu/-
Operating / Release Time	<10ms / <15ms	***Bracket / Plating***	Fe/E-Ni
Dielectric Strength	>1000Vdc	***Ambient Temperature***	-40 / +80 °C







Notes

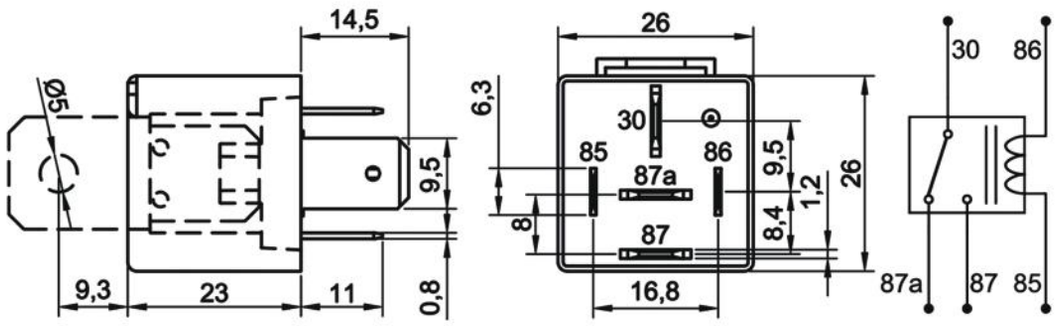
All measurements are in milimeters.

Mini ISO Power Relay

Product Code ***720.180.302***

- *12V*
- *80/60A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *w/ Bracket*

Terminal Configuration & Dimensions & Diagram



Accessories

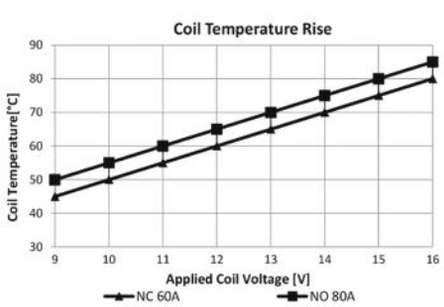
207.250.291 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 2,50 mm²)*

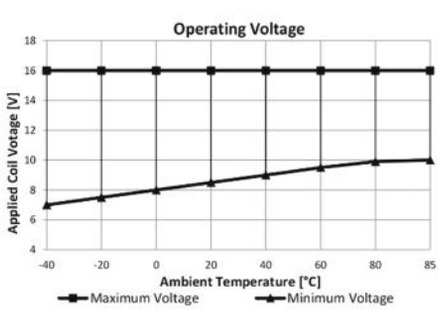
207.200.001 Socket – 5 Terminals – Black

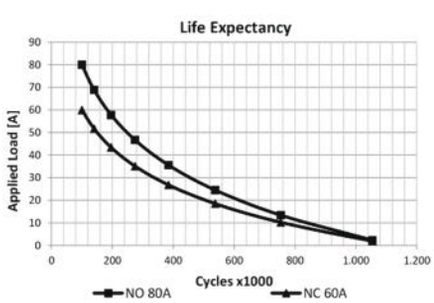
** Indicates cross section of cables carrying higher current. Please refer to* ***Socket Product Group*** *pages for different alternatives.*

Technical Data

Nominal Voltage	12V	***Maximum Inrush Current***	270A
Rated Continuous Load	NO 80A / NC 60A	***Switching Cycles on Resistive Load***	100.000
Contact Arrangement / Form	1 Form C / SPDT	***Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)***	100.000
Contact Material	AgSnO2 (AgNi10 on request)	***Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)***	100.000
Operating / Drop Out Voltage	<9,0V / >1,2V	***Vibration***	20-200Hz,5g:>10us
Maximum Coil Voltage	20V (<1 min.)	***Mechanical Shock***	>10g, 11ms>10us
Coil Resistance (25°C)	90Ω ± %10	***IP Rating***	IP54 DIN IEC60529
Coil Suppression	Standard	***Terminals***	ISO 8092 85,86: 6,3x0,8mm 30,87,87a:9,5x1,2mm
Mechanical Cycles (On / Off)	>1.000.000	***Terminals / Plating***	85, 86: CuZn63/- 30, 87, 87a: Cu/-
Operating / Release Time	<10ms / <15ms	***Bracket / Plating***	Fe/E-Ni
Dielectric Strength	>1000Vdc	***Ambient Temperature***	-40 / +80 °C







Notes

Cross Codes are listed on the next page.
All measurements are in milimeters.

Mini ISO Power Relay

Product Code ***720.180.302*** ***(Cont'd)***

- *12V*
- *80/60A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *w/ Bracket*

*Cross Codes **

GEBE

9 9083 1

MAHLE

MR32 72474004

NAGARES

RLAC/52-12

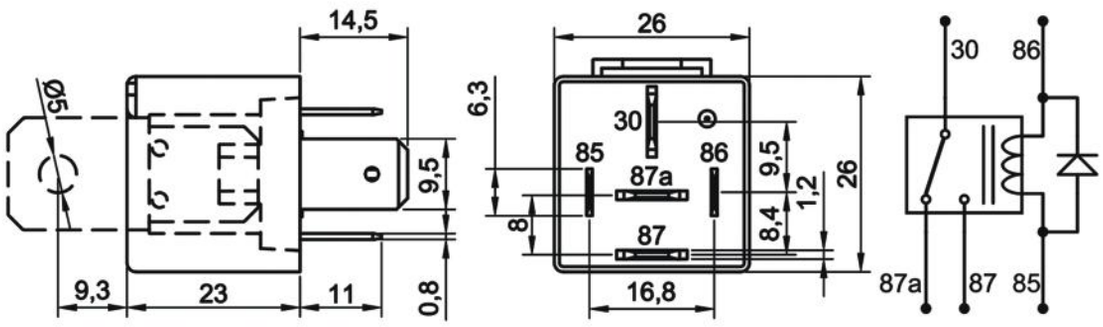
** The products on the cross codes list are in accordance with nominal voltage, rated continuous load, terminal layout and markings. Other technical information may vary.*

Mini ISO Power Relay

Product Code ***720.180.312***

- *12V*
- *80/60A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *w/ Diode*
- *w/ Bracket*

Terminal Configuration & Dimensions & Diagram



Accessories

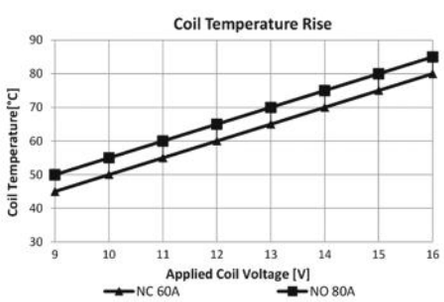
207.250.291 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 2,50 mm²)*

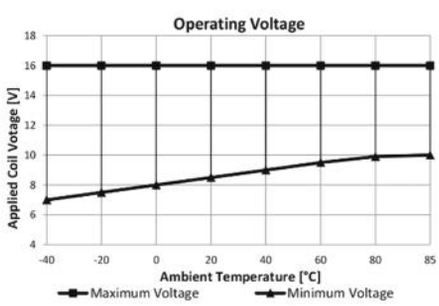
207.200.001 Socket – 5 Terminals – Black

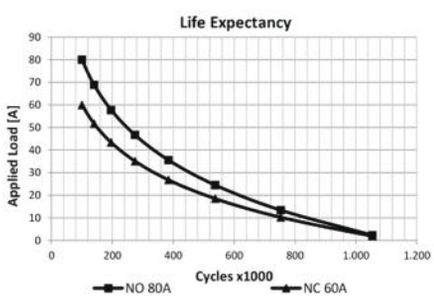
** Indicates cross section of cables carrying higher current. Please refer to* ***Socket Product Group*** *pages for different alternatives.*

Technical Data

Nominal Voltage	12V	***Maximum Inrush Current***	270A
Rated Continuous Load	NO 80A / NC 60A	***Switching Cycles on Resistive Load***	100.000
Contact Arrangement / Form	1 Form C / SPDT	***Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)***	100.000
Contact Material	AgSnO2 (AgNi10 on request)	***Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)***	100.000
Operating / Drop Out Voltage	<9,0V / >1,2V	***Vibration***	20-200Hz,5g:>10us
Maximum Coil Voltage	20V (<1 min.)	***Mechanical Shock***	>10g, 11ms>10us
Coil Resistance (25°C)	90Ω ± %10	***IP Rating***	IP54 DIN IEC60529
Coil Suppression	Diode	***Terminals***	ISO 8092 85,86: 6,3x0,8mm 30,87,87a:9,5x1,2mm
Mechanical Cycles (On / Off)	>1.000.000	***Terminals / Plating***	85, 86: CuZn63/- 30, 87, 87a: Cu/-
Operating / Release Time	<10ms / <15ms	***Bracket / Plating***	Fe/E-Ni
Dielectric Strength	>1000Vdc	***Ambient Temperature***	-40 / +80 °C







Notes

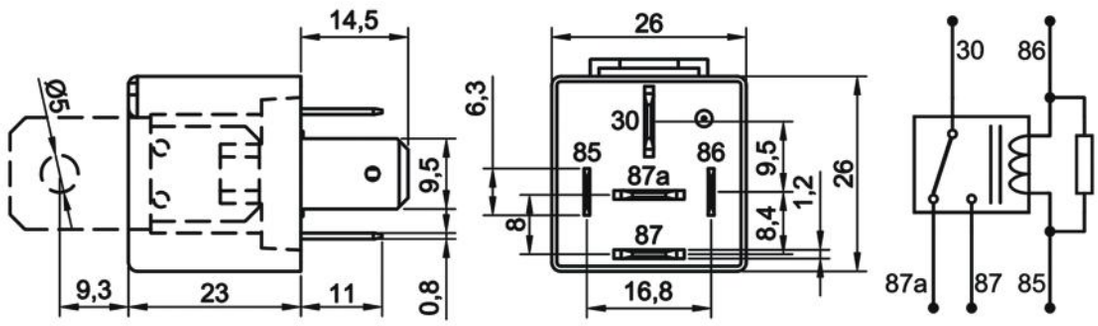
All measurements are in milimeters.

Mini ISO Power Relay

Product Code ***720.180.322***

- *12V*
- *80/60A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *w/ Resistor*
- *w/ Bracket*

Terminal Configuration & Dimensions & Diagram



Accessories

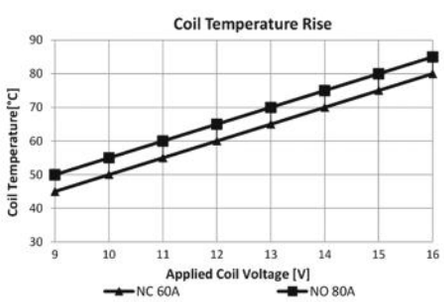
207.250.291 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 2,50 mm²)*

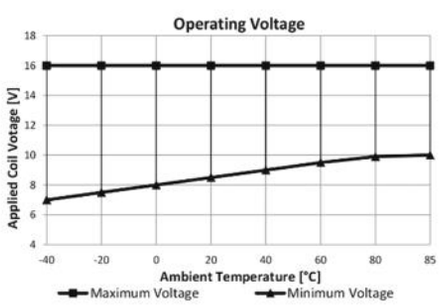
207.200.001 Socket – 5 Terminals – Black

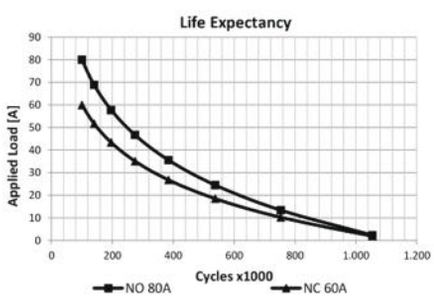
** Indicates cross section of cables carrying higher current. Please refer to* ***Socket Product Group*** *pages for different alternatives.*

Technical Data

Nominal Voltage	12V	***Maximum Inrush Current***	270A
Rated Continuous Load	NO 80A / NC 60A	***Switching Cycles on Resistive Load***	100.000
Contact Arrangement / Form	1 Form C / SPDT	***Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)***	100.000
Contact Material	AgSnO2 (AgNi10 on request)	***Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)***	100.000
Operating / Drop Out Voltage	<9,0V / >1,2V	***Vibration***	20-200Hz,5g:>10us
Maximum Coil Voltage	20V (<1 min.)	***Mechanical Shock***	>10g, 11ms>10us
Coil Resistance (25°C)	80Ω ± %10	***IP Rating***	IP54 DIN IEC60529
Coil Suppression	680Ω Resistor	***Terminals***	ISO 8092 85,86: 6,3x0,8mm 30,87,87a:9,5x1,2mm
Mechanical Cycles (On / Off)	>1.000.000	***Terminals / Plating***	85, 86: CuZn63/- 30, 87, 87a: Cu/-
Operating / Release Time	<10ms / <15ms	***Bracket / Plating***	Fe/E-Ni
Dielectric Strength	>1000Vdc	***Ambient Temperature***	-40 / +80 °C







Notes

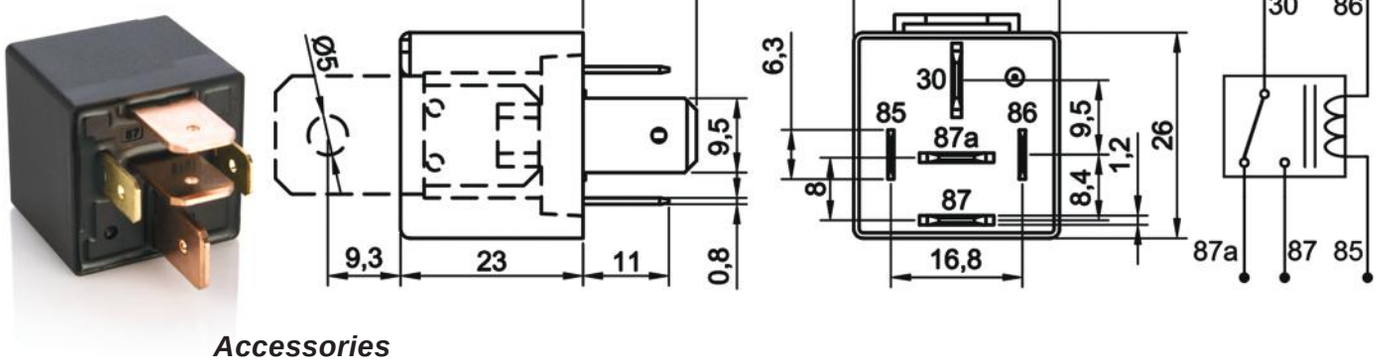
All measurements are in milimeters.

Mini ISO Power Relay

Product Code ***730.170.303***

- *12V*
- *70/50A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *Sealed*
- *w/ Bracket*

Terminal Configuration & Dimensions & Diagram



Accessories

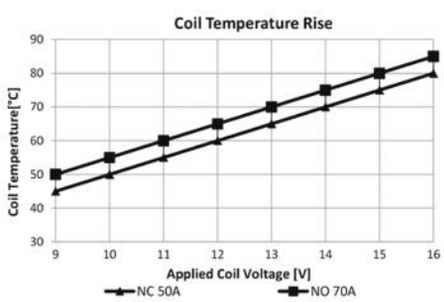
207.250.291 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 2,50 mm²)*

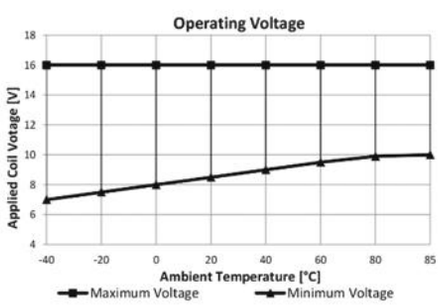
207.200.001 Socket – 5 Terminals – Black

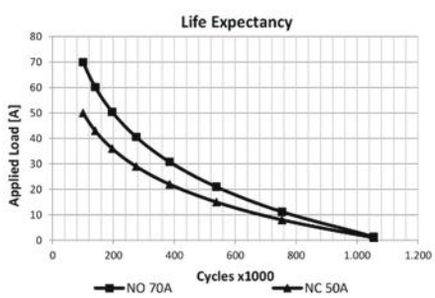
** Indicates cross section of cables carrying higher current. Please refer to* ***Socket Product Group*** *pages for different alternatives.*

Technical Data

Nominal Voltage	12V	***Maximum Inrush Current***	250A
Rated Continuous Load	NO 70A / NC 50A	***Switching Cycles on Resistive Load***	100.000
Contact Arrangement / Form	1 Form C / SPDT	***Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)***	100.000
Contact Material	AgSnO2 (AgNi10 on request)	***Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)***	100.000
Operating / Drop Out Voltage	<9,0V / >1,2V	***Vibration***	20-200Hz,5g:>10us
Maximum Coil Voltage	20V (<1 min.)	***Mechanical Shock***	>10g, 11ms>10us
Coil Resistance (25°C)	90Ω ± %10	***IP Rating***	IP67 DIN IEC60529
Coil Suppression	Standard	***Terminals***	ISO 8092 85,86: 6,3x0,8mm 30,87,87a: 9,5x1,2mm
Mechanical Cycles (On / Off)	>1.000.000	***Terminals / Plating***	85, 86: CuZn63/- 30, 87, 87a: Cu/-
Operating / Release Time	<10ms / <15ms	***Bracket / Plating***	Fe/E-Ni
Dielectric Strength	>1000Vdc	***Ambient Temperature***	-40 / +80 °C







Notes

Cross Codes are listed on the next page.
All measurements are in milimeters.

Mini ISO Power Relay

Product Code **730.170.303 (Cont'd)**

- 12V
- 70/50A Continuous
- SPDT NO, NC/1 Form C
- 5 Terminals
- Sealed
- w/ Bracket

Cross Codes *

GEBE

9 9083 1

MAHLE

MR32 72474004

NAGARES

RLAC/52-12

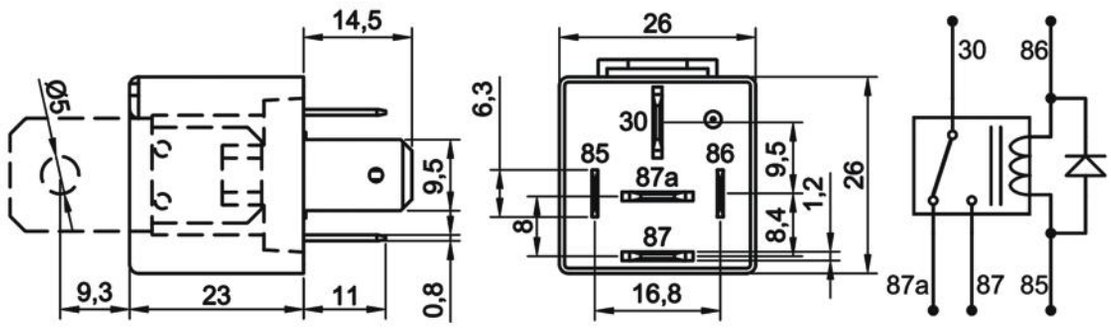
* The products on the cross codes list are in accordance with nominal voltage, rated continuous load, terminal layout and markings. Other technical information may vary.

Mini ISO Power Relay

Product Code ***730.170.313***

- *12V*
- *70/50A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *w/ Diode*
- *Sealed*
- *w/ Bracket*

Terminal Configuration & Dimensions & Diagram



Accessories

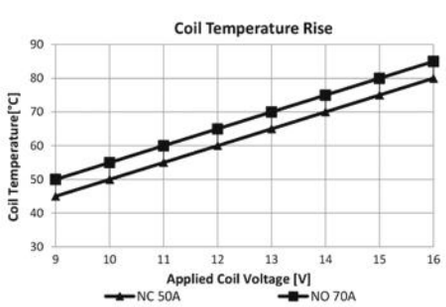
207.250.291 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 2,50 mm²)*

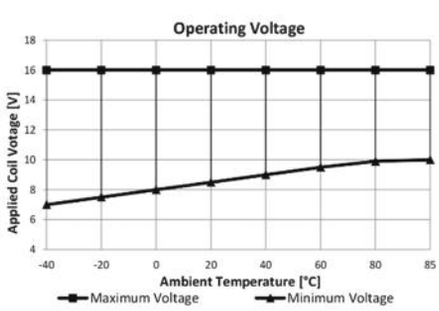
207.200.001 Socket – 5 Terminals – Black

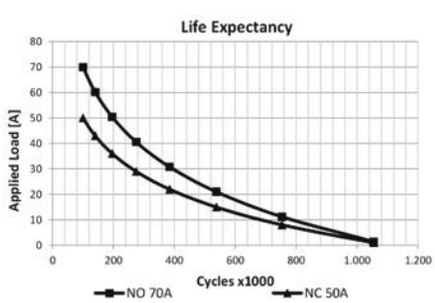
** Indicates cross section of cables carrying higher current. Please refer to* ***Socket Product Group*** *pages for different alternatives.*

Technical Data

Nominal Voltage	12V	***Maximum Inrush Current***	250A
Rated Continuous Load	NO 70A / NC 50A	***Switching Cycles on Resistive Load***	100.000
Contact Arrangement / Form	1 Form C / SPDT	***Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)***	100.000
Contact Material	AgSnO2 (AgNi10 on request)	***Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)***	100.000
Operating / Drop Out Voltage	<9,0V / >1,2V	***Vibration***	20-200Hz,5g:>10us
Maximum Coil Voltage	20V (<1 min.)	***Mechanical Shock***	>10g, 11ms>10us
Coil Resistance (25°C)	90Ω ± %10	***IP Rating***	IP67 DIN IEC60529
Coil Suppression	Diode	***Terminals***	ISO 8092 85,86: 6,3x0,8mm 30,87,87a:9,5x1,2mm
Mechanical Cycles (On / Off)	>1.000.000	***Terminals / Plating***	85, 86: CuZn63/- 30, 87, 87a: Cu/-
Operating / Release Time	<10ms / <15ms	***Bracket / Plating***	Fe/E-Ni
Dielectric Strength	>1000Vdc	***Ambient Temperature***	-40 / +80 °C







Notes

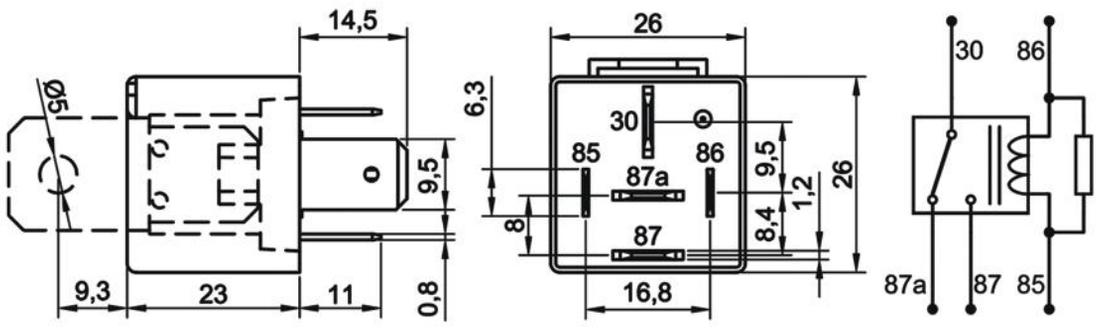
All measurements are in milimeters.

Mini ISO Power Relay

Product Code ***730.170.323***

- *12V*
- *70/50A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *w/ Resistor*
- *Sealed*
- *w/ Bracket*

Terminal Configuration & Dimensions & Diagram



Accessories

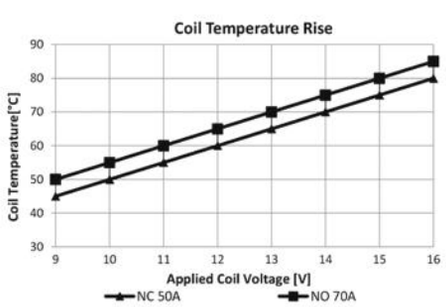
207.250.291 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 2,50 mm²)*

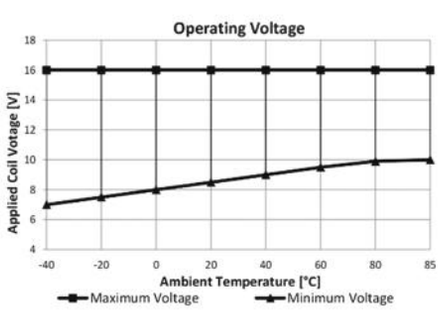
207.200.001 Socket – 5 Terminals – Black

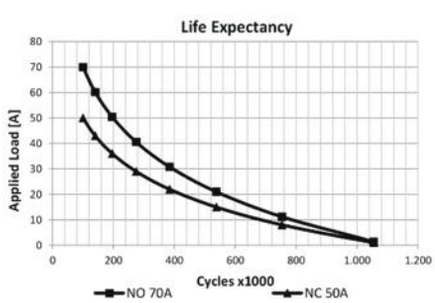
** Indicates cross section of cables carrying higher current. Please refer to* ***Socket Product Group*** *pages for different alternatives.*

Technical Data

Nominal Voltage	12V	***Maximum Inrush Current***	250A
Rated Continuous Load	NO 70A / NC 50A	***Switching Cycles on Resistive Load***	100.000
Contact Arrangement / Form	1 Form C / SPDT	***Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)***	100.000
Contact Material	AgSnO2 (AgNi10 on request)	***Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)***	100.000
Operating / Drop Out Voltage	<9,0V / >1,2V	***Vibration***	20-200Hz,5g:>10us
Maximum Coil Voltage	20V (<1 min.)	***Mechanical Shock***	>10g, 11ms>10us
Coil Resistance (25°C)	80Ω ± %10	***IP Rating***	IP67 DIN IEC60529
Coil Suppression	680Ω Resistor	***Terminals***	ISO 8092 85,86: 6,3x0,8mm 30,87,87a:9,5x1,2mm
Mechanical Cycles (On / Off)	>1.000.000	***Terminals / Plating***	85, 86: CuZn63/- 30, 87, 87a: Cu/-
Operating / Release Time	<10ms / <15ms	***Bracket / Plating***	Fe/E-Ni
Dielectric Strength	>1000Vdc	***Ambient Temperature***	-40 / +80 °C







Notes

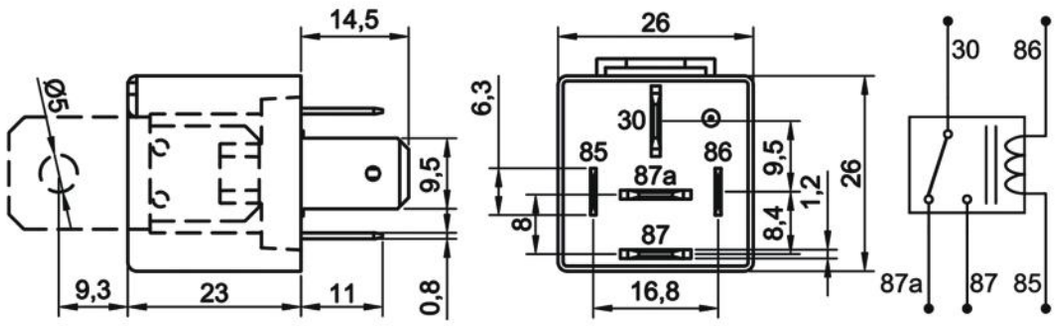
All measurements are in milimeters.

Mini ISO Power Relay

Product Code ***730.180.303***

- *12V*
- *80/60A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *Sealed*
- *w/ Bracket*

Terminal Configuration & Dimensions & Diagram



Accessories

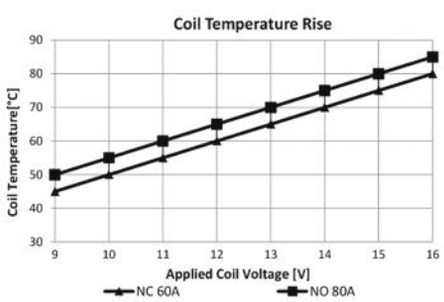
207.250.291 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 2,50 mm²)*

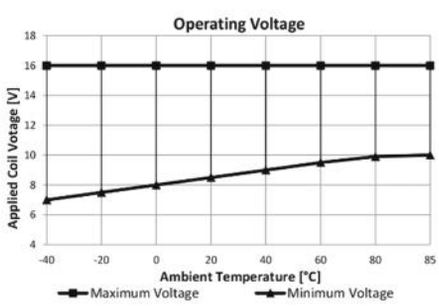
207.200.001 Socket – 5 Terminals – Black

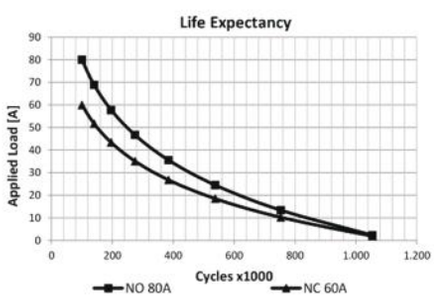
** Indicates cross section of cables carrying higher current. Please refer to* ***Socket Product Group*** *pages for different alternatives.*

Technical Data

Nominal Voltage	12V	***Maximum Inrush Current***	270A
Rated Continuous Load	NO 80A / NC 60A	***Switching Cycles on Resistive Load***	100.000
Contact Arrangement / Form	1 Form C / SPDT	***Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)***	100.000
Contact Material	AgSnO2 (AgNi10 on request)	***Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)***	100.000
Operating / Drop Out Voltage	<9,0V / >1,2V	***Vibration***	20-200Hz,5g:>10us
Maximum Coil Voltage	20V (<1 min.)	***Mechanical Shock***	>10g, 11ms>10us
Coil Resistance (25°C)	90Ω ± %10	***IP Rating***	IP67 DIN IEC60529
Coil Suppression	Standard	***Terminals***	ISO 8092 85,86: 6,3x0,8mm 30,87,87a:9,5x1,2mm
Mechanical Cycles (On / Off)	>1.000.000	***Terminals / Plating***	85, 86: CuZn63/- 30, 87, 87a: Cu/-
Operating / Release Time	<10ms / <15ms	***Bracket / Plating***	Fe/E-Ni
Dielectric Strength	>1000Vdc	***Ambient Temperature***	-40 / +80 °C







Notes

Cross Codes are listed on the next page.
All measurements are in milimeters.

Mini ISO Power Relay

Product Code	**730.180.303 (Cont'd)**		
• 12V	• 80/60A Continuous	• SPDT NO, NC/1 Form C	• 5 Terminals
• Sealed	• w/ Bracket		

Cross Codes *

GEBE

9 9083 1

MAHLE

MR32 72474004

NAGARES

RLAC/52-12

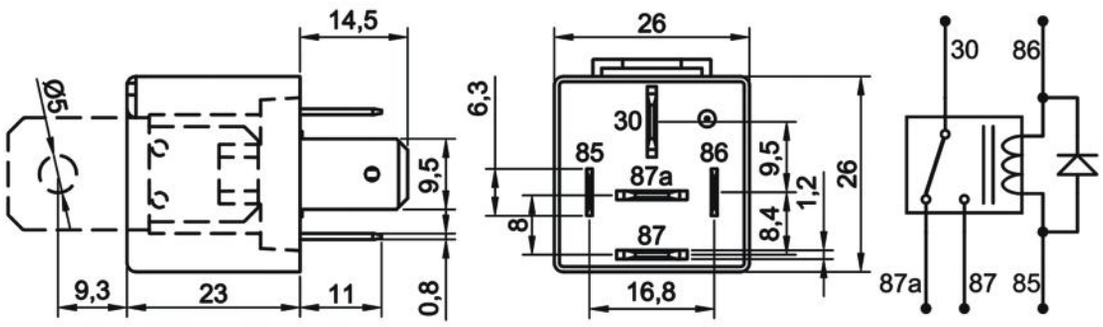
** The products on the cross codes list are in accordance with nominal voltage, rated continuous load, terminal layout and markings. Other technical information may vary.*

Mini ISO Power Relay

Product Code ***730.180.313***

- *12V*
- *80/60A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *w/ Diode*
- *Sealed*
- *w/ Bracket*

Terminal Configuration & Dimensions & Diagram



Accessories

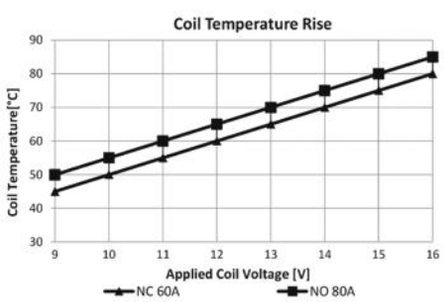
207.250.291 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 2,50 mm²)*

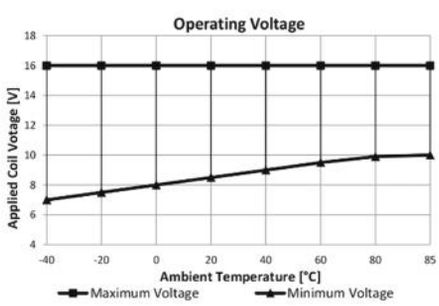
207.200.001 Socket – 5 Terminals – Black

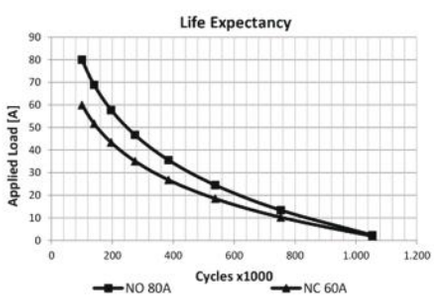
** Indicates cross section of cables carrying higher current. Please refer to* ***Socket Product Group*** *pages for different alternatives.*

Technical Data

Nominal Voltage	12V	***Maximum Inrush Current***	270A
Rated Continuous Load	NO 80A / NC 60A	***Switching Cycles on Resistive Load***	100.000
Contact Arrangement / Form	1 Form C / SPDT	***Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)***	100.000
Contact Material	AgSnO2 (AgNi10 on request)	***Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)***	100.000
Operating / Drop Out Voltage	<9,0V / >1,2V	***Vibration***	20-200Hz,5g:>10us
Maximum Coil Voltage	20V (<1 min.)	***Mechanical Shock***	>10g, 11ms>10us
Coil Resistance (25°C)	90Ω ± %10	***IP Rating***	IP67 DIN IEC60529
Coil Suppression	Diode	***Terminals***	ISO 8092 85,86: 6,3x0,8mm 30,87,87a:9,5x1,2mm
Mechanical Cycles (On / Off)	>1.000.000	***Terminals / Plating***	85, 86: CuZn63/- 30, 87, 87a: Cu/-
Operating / Release Time	<10ms / <15ms	***Bracket / Plating***	Fe/E-Ni
Dielectric Strength	>1000Vdc	***Ambient Temperature***	-40 / +80 °C







Notes

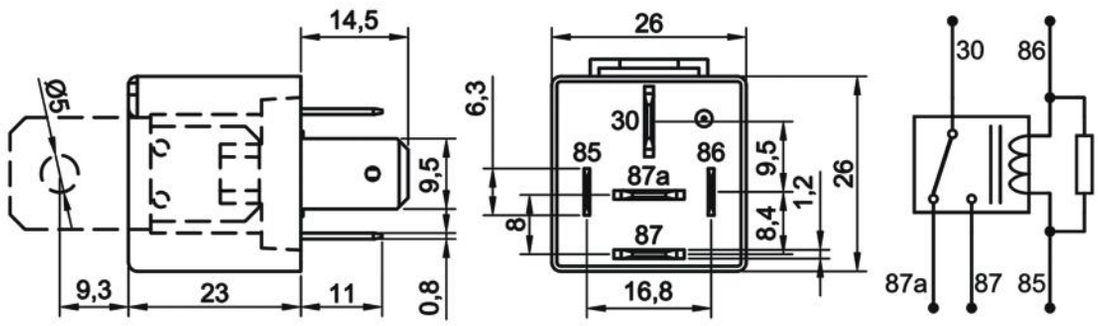
All measurements are in milimeters.

Mini ISO Power Relay

Product Code ***730.180.323***

- *12V*
- *80/60A Continuous*
- *SPDT NO, NC/1 Form C*
- *5 Terminals*
- *Sealed*
- *w/ Resistor*
- *w/ Bracket*

Terminal Configuration & Dimensions & Diagram



Accessories

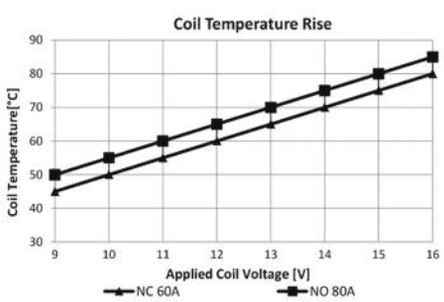
207.250.291 Socket – 5 Terminals, 5 Cables - Black (Standard cable length 20 cm & cable cross section 2,50 mm²)*

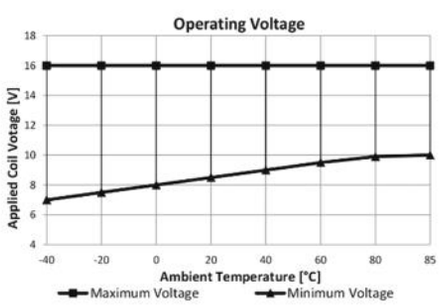
207.200.001 Socket – 5 Terminals – Black

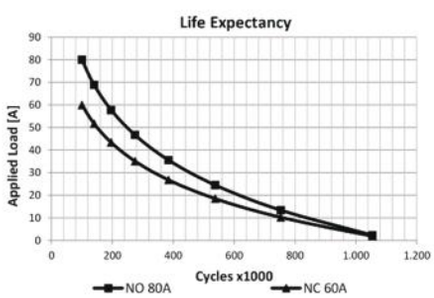
** Indicates cross section of cables carrying higher current. Please refer to* ***Socket Product Group*** *pages for different alternatives.*

Technical Data

Nominal Voltage	12V	***Maximum Inrush Current***	270A
Rated Continuous Load	NO 80A / NC 60A	***Switching Cycles on Resistive Load***	100.000
Contact Arrangement / Form	1 Form C / SPDT	***Switching Cycles on Inductive Load (Motor) (Rated load must be deduced by 20%)***	100.000
Contact Material	AgSnO2 (AgNi10 on request)	***Switching Cycles on Capacitive Load (Lamp) (Rated load must be deduced by 25%)***	100.000
Operating / Drop Out Voltage	<9,0V / >1,2V	***Vibration***	20-200Hz,5g:>10us
Maximum Coil Voltage	20V (<1 min.)	***Mechanical Shock***	>10g, 11ms>10us
Coil Resistance (25°C)	80Ω ± %10	***IP Rating***	IP67 DIN IEC60529
Coil Suppression	680Ω Resistor	***Terminals***	ISO 8092 85,86: 6,3x0,8mm 30,87,87a:9,5x1,2mm
Mechanical Cycles (On / Off)	>1.000.000	***Terminals / Plating***	85, 86: CuZn63/- 30, 87, 87a: Cu/-
Operating / Release Time	<10ms / <15ms	***Bracket / Plating***	Fe/E-Ni
Dielectric Strength	>1000Vdc	***Ambient Temperature***	-40 / +80 °C







Notes

All measurements are in milimeters.