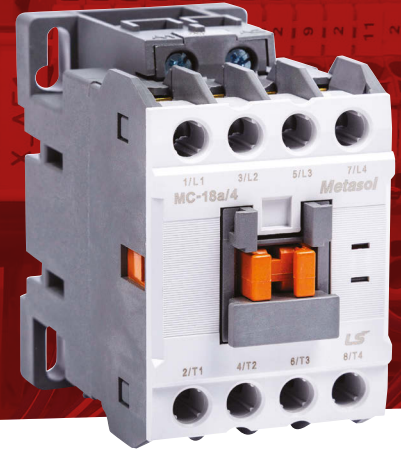


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MOTOR CONTROL GEAR

STANDARD 4 POLE CONTACTOR AC COIL

4SC25



4 pole contactors are for switching resistive loads, such as lighting or heating. Front or side auxilliary contacts are optional. Din rail mounting.

General Characteristics

Standards	IEC 60947-4, UL-508
AC-1 Rated Load	25A
AC-3 Rated Power @ 415V	5.5kW
Rated Operational Voltage (Ue)	≥ 690V
Number of Main Poles	4
Maximum Operation Frequency	1800 per hour
Mechanical Endurance	25 000 000 ops
Electrical Endurance	2 500 000 ops
Width	44mm
Height	80mm
Depth	87mm
Terminal Capacity	1.5 to 4mm ²
Tightening Torque	23 Nm
Weight	0.43Kg

Coil Characteristics

Available Coil Voltages	24VAC, 110VAC, 230VAC
Inrush Current	95 VA
Sealed Current	9 VA
Pull-in Voltage	80 - 110 %
Thermal Dissipation	2W
Closing time	10 - 17 ms

Available Accessories

AUX2FM	Auxilliary Contact 2NC
AUX1/1FM	Auxilliary Contact 1NO/1NC
AUX4FM	Auxilliary Contact 4NC
AUX1/3FM	Auxilliary Contact 1NO/3NC
AUX2/2FM	Auxilliary Contact 2NO/2NC
AUX3/1FM	Auxilliary Contact 3NO/1NC
AUX4OFM	Auxilliary Contact 4NO
MCFI	Mechanical Interlock

Additional Information

This product is for use by skilled persons or instructed persons. The installation of this product must comply with current IEE regulations. Terminals, including those factory fitted, must be checked for correct tightness before commissioning. All terminals should be periodically checked for correct tightness. The data herein serves only to describe the product and should not be regarded as representing guaranteed properties in the legal sense. We reserve the rights of modification, whilst every care has been taken in ensuring the accuracy of this catalogue, the Supplier accepts no liability whatsoever for any eventuality arising from errors or omissions within its catalogues, brochures or within any online presence.

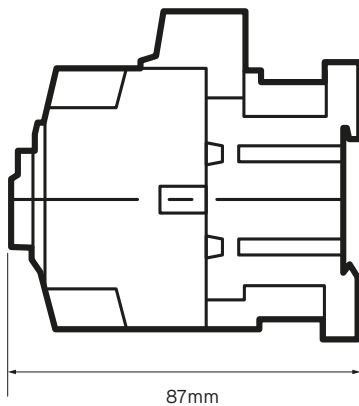
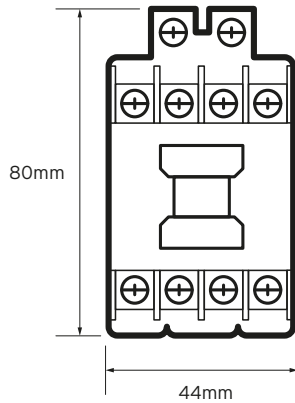
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MOTOR CONTROL GEAR

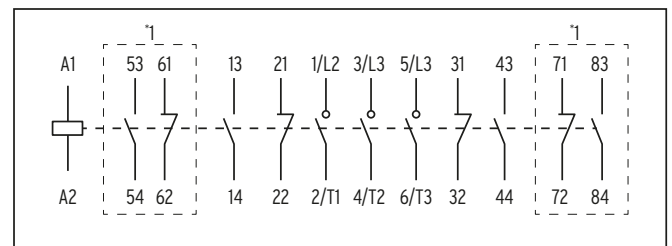
STANDARD 4 POLE CONTACTOR AC COIL

4SC25

Technical Drawing



Wiring Diagram



*1 - Optional auxiliary contact unit

Additional Information

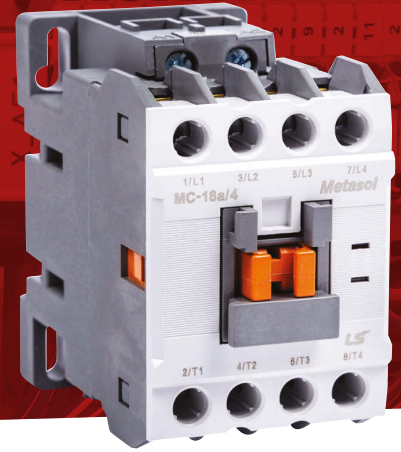
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MOTOR CONTROL GEAR

STANDARD 4 POLE CONTACTOR AC COIL

4SC40



4 pole contactors are for switching resistive loads, such as lighting or heating. Front or side auxilliary contacts are optional. Din rail mounting.

General Characteristics

Standards	IEC 60947-4, UL-508
AC-1 Rated Load	40A
AC-3 Rated Power @ 415V	7.5kW
Rated Operational Voltage (Ue)	≥ 690V
Number of Main Poles	4
Maximum Operation Frequency	1800 per hour
Mechanical Endurance	25 000 000 ops
Electrical Endurance	2 500 000 ops
Width	47mm
Height	80mm
Depth	87mm
Terminal Capacity	1.5 to 6mm ²
Tightening Torque	4 Nm
Weight	0.43Kg

Coil Characteristics

Available Coil Voltages	24VAC, 110VAC, 230VAC
Inrush Current	95 VA
Sealed Current	9 VA
Pull-in Voltage	80 - 110 %
Thermal Dissipation	2W
Closing time	10 - 17 ms

Available Accessories

AUX2FM	Auxilliary Contact 2NC
AUX1/1FM	Auxilliary Contact 1NO/1NC
AUX4FM	Auxilliary Contact 4NC
AUX1/3FM	Auxilliary Contact 1NO/3NC
AUX2/2FM	Auxilliary Contact 2NO/2NC
AUX3/1FM	Auxilliary Contact 3NO/1NC
AUX40FM	Auxilliary Contact 4NO
MCFI	Mechanical Interlock

Additional Information

This product is for use by skilled persons or instructed persons. The installation of this product must comply with current IEE regulations. Terminals, including those factory fitted, must be checked for correct tightness before commissioning. All terminals should be periodically checked for correct tightness. The data herein serves only to describe the product and should not be regarded as representing guaranteed properties in the legal sense. We reserve the rights of modification, whilst every care has been taken in ensuring the accuracy of this catalogue, the Supplier accepts no liability whatsoever for any eventuality arising from errors or omissions within its catalogues, brochures or within any online presence.

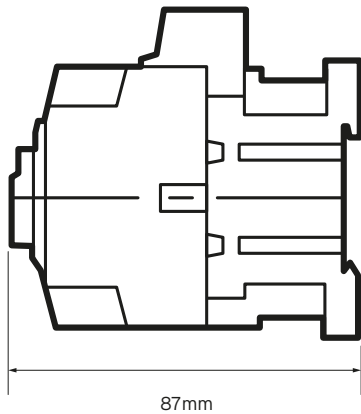
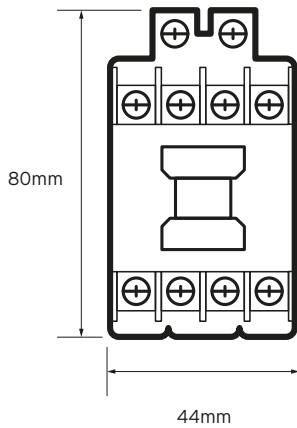
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MOTOR CONTROL GEAR

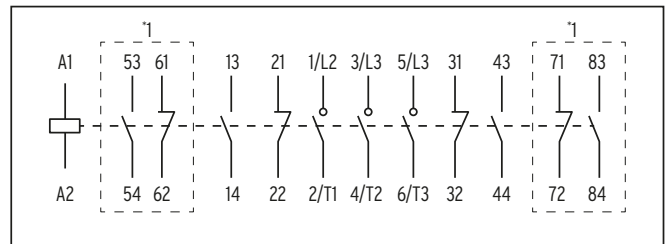
STANDARD 4 POLE CONTACTOR AC COIL

4SC40

Technical Drawing



Wiring Diagram



*1 - Optional auxiliary contact unit

Additional Information

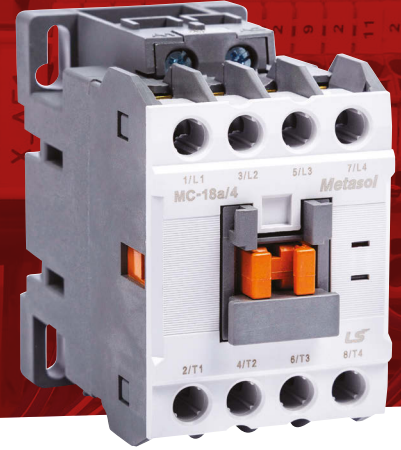
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MOTOR CONTROL GEAR

STANDARD 4 POLE CONTACTOR AC COIL

4SC50



4 pole contactors are for switching resistive loads, such as lighting or heating. Front or side auxilliary contacts are optional. Din rail mounting.

General Characteristics

Standards	IEC 60947-4, UL-508
AC-1 Rated Load	50A
AC-3 Rated Power @ 415V	15kW
Rated Operational Voltage (Ue)	≥ 690V
Number of Main Poles	4
Maximum Operation Frequency	1800 per hour
Mechanical Endurance	15 000 000 ops
Electrical Endurance	2 500 000 ops
Width	59mm
Height	84mm
Depth	95mm
Terminal Capacity	6 to 25mm ²
Tightening Torque	4 Nm
Weight	0.47Kg

Coil Characteristics

Available Coil Voltages	24VAC, 110VAC, 230VAC
Inrush Current	220 VA
Sealed Current	17 VA
Pull-in Voltage	80 - 110 %
Thermal Dissipation	5 W
Closing time	16 - 25 ms

Available Accessories

AUX2FM	Auxilliary Contact 2NC
AUX1/1FM	Auxilliary Contact 1NO/1NC
AUX4FM	Auxilliary Contact 4NC
AUX1/3FM	Auxilliary Contact 1NO/3NC
AUX2/2FM	Auxilliary Contact 2NO/2NC
AUX3/1FM	Auxilliary Contact 3NO/1NC
AUX40FM	Auxilliary Contact 4NO
MCFI	Mechanical Interlock

Additional Information

This product is for use by skilled persons or instructed persons. The installation of this product must comply with current IEE regulations. Terminals, including those factory fitted, must be checked for correct tightness before commissioning. All terminals should be periodically checked for correct tightness. The data herein serves only to describe the product and should not be regarded as representing guaranteed properties in the legal sense. We reserve the rights of modification, whilst every care has been taken in ensuring the accuracy of this catalogue, the Supplier accepts no liability whatsoever for any eventuality arising from errors or omissions within its catalogues, brochures or within any online presence.

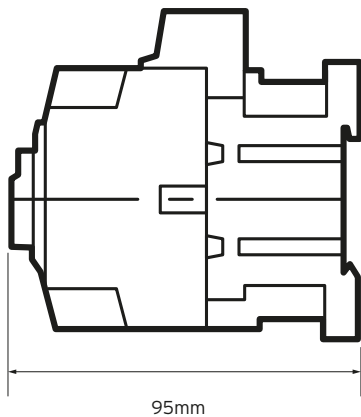
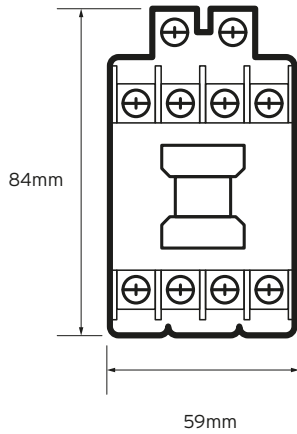
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MOTOR CONTROL GEAR

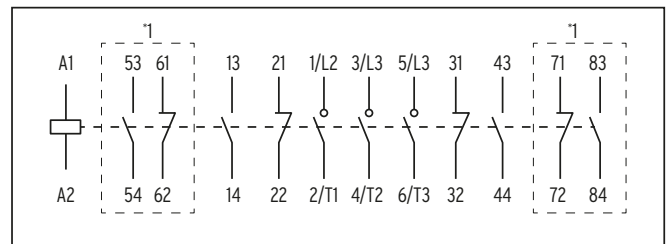
STANDARD 4 POLE CONTACTOR AC COIL

4SC50

Technical Drawing



Wiring Diagram



*1 - Optional auxiliary contact unit

Additional Information

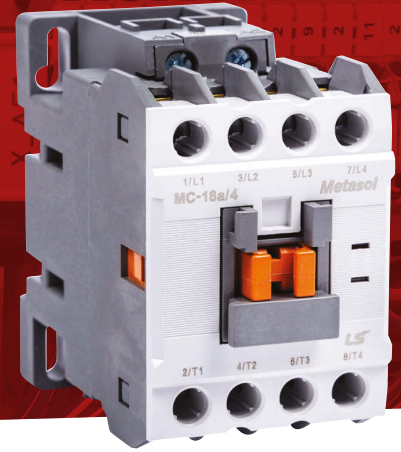
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MOTOR CONTROL GEAR

STANDARD 4 POLE CONTACTOR AC COIL

4SC60



4 pole contactors are for switching resistive loads, such as lighting or heating. Front or side auxilliary contacts are optional. Din rail mounting.

General Characteristics

Standards	IEC 60947-4, UL-508
AC-1 Rated Load	60A
AC-3 Rated Power @ 415V	18.5kW
Rated Operational Voltage (Ue)	≥ 690V
Number of Main Poles	4
Maximum Operation Frequency	1800 per hour
Mechanical Endurance	15 000 000 ops
Electrical Endurance	2 000 000 ops
Width	59mm
Height	84mm
Depth	121mm
Terminal Capacity	1.5 to 4mm ²
Tightening Torque	4 Nm
Weight	0.47Kg

Coil Characteristics

Available Coil Voltages	24VAC, 110VAC, 230VAC
Inrush Current	95 VA
Sealed Current	9 VA
Pull-in Voltage	80 - 110 %
Thermal Dissipation	2W
Closing time	11 - 19 ms

Available Accessories

AUX2FM	Auxilliary Contact 2NC
AUX1/1FM	Auxilliary Contact 1NO/1NC
AUX4FM	Auxilliary Contact 4NC
AUX1/3FM	Auxilliary Contact 1NO/3NC
AUX2/2FM	Auxilliary Contact 2NO/2NC
AUX3/1FM	Auxilliary Contact 3NO/1NC
AUX40FM	Auxilliary Contact 4NO
MCFI	Mechanical Interlock

Additional Information

This product is for use by skilled persons or instructed persons. The installation of this product must comply with current IEE regulations. Terminals, including those factory fitted, must be checked for correct tightness before commissioning. All terminals should be periodically checked for correct tightness. The data herein serves only to describe the product and should not be regarded as representing guaranteed properties in the legal sense. We reserve the rights of modification, whilst every care has been taken in ensuring the accuracy of this catalogue, the Supplier accepts no liability whatsoever for any eventuality arising from errors or omissions within its catalogues, brochures or within any online presence.

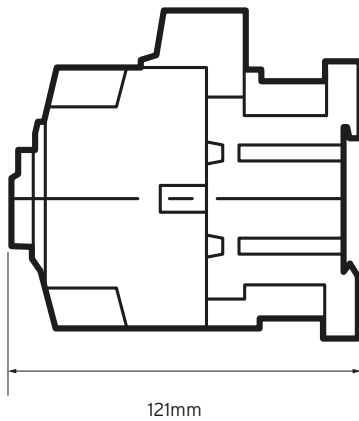
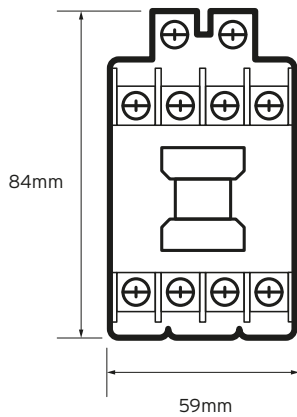
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MOTOR CONTROL GEAR

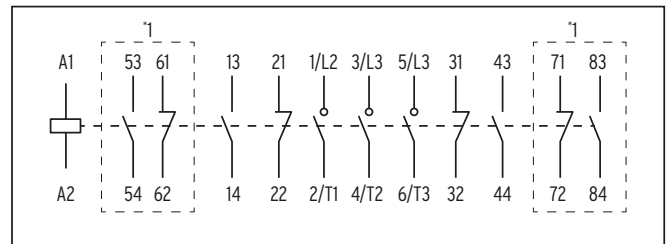
STANDARD 4 POLE CONTACTOR AC COIL

4SC60

Technical Drawing



Wiring Diagram



*1 - Optional auxiliary contact unit

Additional Information

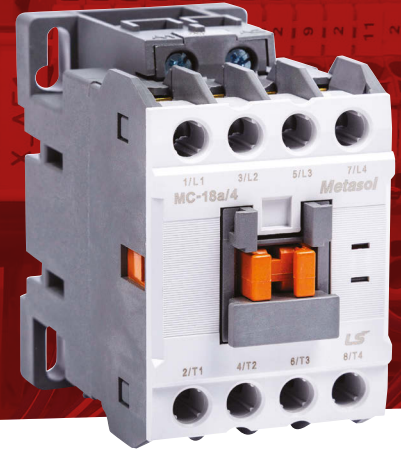
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MOTOR CONTROL GEAR

STANDARD 4 POLE CONTACTOR AC COIL

4SC80



4 pole contactors are for switching resistive loads, such as lighting or heating. Front or side auxilliary contacts are optional. Din rail mounting.

General Characteristics

Standards	IEC 60947-4, UL-508
AC-1 Rated Load	80A
AC-3 Rated Power @ 415V	22 kW
Rated Operational Voltage (Ue)	≥ 690V
Number of Main Poles	4
Maximum Operation Frequency	1800 per hour
Mechanical Endurance	10 000 000 ops
Electrical Endurance	2 000 000 ops
Width	103mm
Height	124mm
Depth	118mm
Terminal Capacity	6 - 25mm ²
Tightening Torque	5 Nm
Weight	1.11 Kg

Coil Characteristics

Available Coil Voltages	24VAC, 110VAC, 230VAC
Inrush Current	220 VA
Sealed Current	17 VA
Pull-in Voltage	80 - 110 %
Thermal Dissipation	5 W
Closing time	16 - 25 ms

Available Accessories

AUX2FM	Auxilliary Contact 2NC
AUX1/1FM	Auxilliary Contact 1NO/1NC
AUX4FM	Auxilliary Contact 4NC
AUX1/3FM	Auxilliary Contact 1NO/3NC
AUX2/2FM	Auxilliary Contact 2NO/2NC
AUX3/1FM	Auxilliary Contact 3NO/1NC
AUX40FM	Auxilliary Contact 4NO
MCFI	Mechanical Interlock

Additional Information

This product is for use by skilled persons or instructed persons. The installation of this product must comply with current IEE regulations. Terminals, including those factory fitted, must be checked for correct tightness before commissioning. All terminals should be periodically checked for correct tightness. The data herein serves only to describe the product and should not be regarded as representing guaranteed properties in the legal sense. We reserve the rights of modification, whilst every care has been taken in ensuring the accuracy of this catalogue, the Supplier accepts no liability whatsoever for any eventuality arising from errors or omissions within its catalogues, brochures or within any online presence.

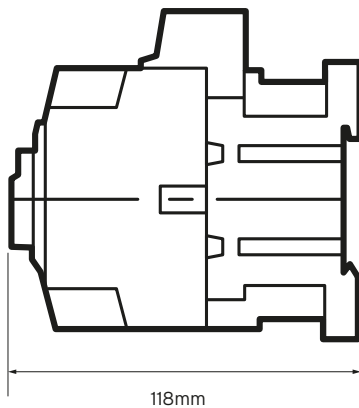
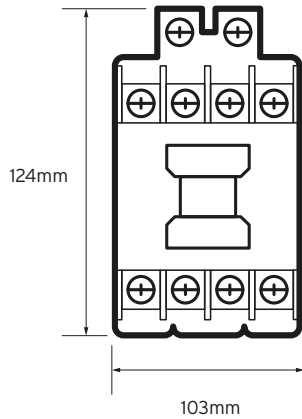
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MOTOR CONTROL GEAR

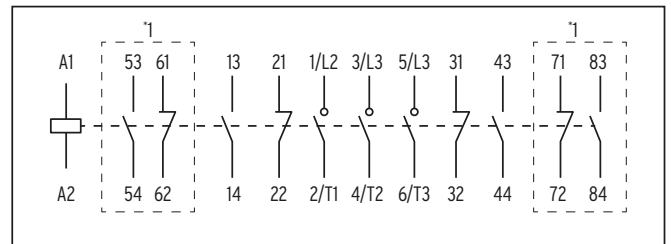
STANDARD 4 POLE CONTACTOR AC COIL

4SC80

Technical Drawing



Wiring Diagram



*1 - Optional auxiliary contact unit

Additional Information

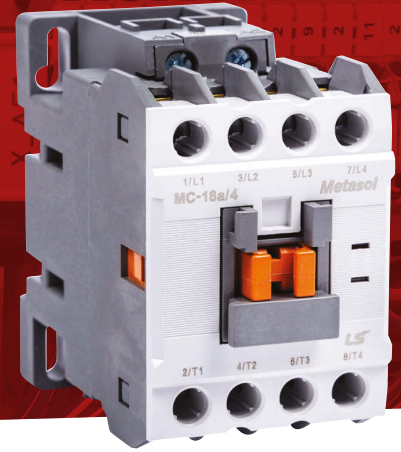
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MOTOR CONTROL GEAR

STANDARD 4 POLE CONTACTOR AC COIL

4SC100



4 pole contactors are for switching resistive loads, such as lighting or heating. Front or side auxilliary contacts are optional. Din rail mounting.

General Characteristics

Standards	IEC 60947-4, UL-508
AC-1 Rated Load	100A
AC-3 Rated Power @ 415V	30kW
Rated Operational Voltage (Ue)	≥ 690V
Number of Main Poles	4
Maximum Operation Frequency	1200 per hour
Mechanical Endurance	10 000 000 ops
Electrical Endurance	2 000 000 ops
Width	103mm
Height	124mm
Depth	118mm
Terminal Capacity	6 - 35mm ²
Tightening Torque	5 Nm
Weight	1.37 Kg

Coil Characteristics

Available Coil Voltages	24VAC, 110VAC, 230VAC
Inrush Current	220 VA
Sealed Current	17 VA
Pull-in Voltage	80 - 110 %
Thermal Dissipation	5 W
Closing time	16 - 25 ms

Available Accessories

AUX2FM	Auxilliary Contact 2NC
AUX1/1FM	Auxilliary Contact 1NO/1NC
AUX4FM	Auxilliary Contact 4NC
AUX1/3FM	Auxilliary Contact 1NO/3NC
AUX2/2FM	Auxilliary Contact 2NO/2NC
AUX3/1FM	Auxilliary Contact 3NO/1NC
AUX40FM	Auxilliary Contact 4NO
MCFI	Mechanical Interlock

Additional Information

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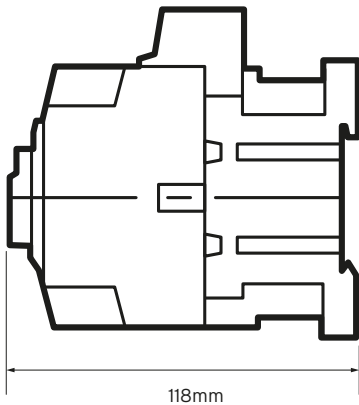
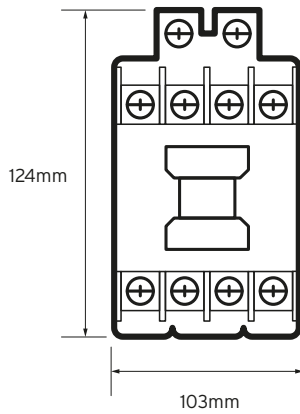
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MOTOR CONTROL GEAR

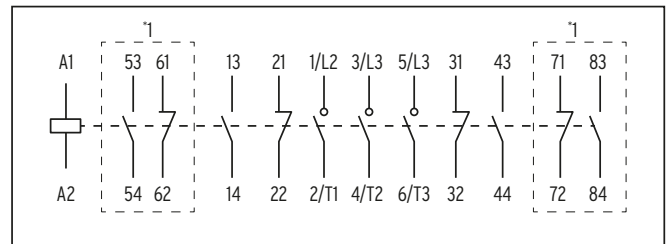
STANDARD 4 POLE CONTACTOR AC COIL

4SC100

Technical Drawing



Wiring Diagram



Additional Information

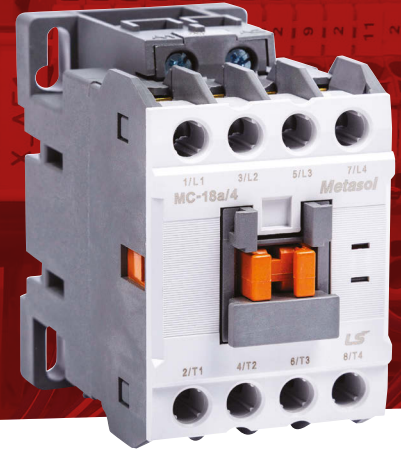
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MOTOR CONTROL GEAR

STANDARD 4 POLE CONTACTOR AC COIL

4SC110



4 pole contactors are for switching resistive loads, such as lighting or heating. Front or side auxilliary contacts are optional. Din rail mounting.

General Characteristics

Standards	IEC 60947-4, UL-508
AC-1 Rated Load	110A
AC-3 Rated Power @ 415V	37kW
Rated Operational Voltage (Ue)	≥ 690V
Number of Main Poles	4
Maximum Operation Frequency	1200 per hour
Mechanical Endurance	10 000 000 ops
Electrical Endurance	2 000 000 ops
Width	103mm
Height	124mm
Depth	118mm
Terminal Capacity	6 - 35mm ²
Tightening Torque	5 Nm
Weight	1.54 Kg

Coil Characteristics

Available Coil Voltages	24VAC, 110VAC, 230VAC
Inrush Current	220 VA
Sealed Current	17 VA
Pull-in Voltage	80 - 110 %
Thermal Dissipation	5 W
Closing time	16 - 25 ms

Available Accessories

AUX2FM	Auxilliary Contact 2NC
AUX1/1FM	Auxilliary Contact 1NO/1NC
AUX4FM	Auxilliary Contact 4NC
AUX1/3FM	Auxilliary Contact 1NO/3NC
AUX2/2FM	Auxilliary Contact 2NO/2NC
AUX3/1FM	Auxilliary Contact 3NO/1NC
AUX40FM	Auxilliary Contact 4NO
MCMI	Mechanical Interlock

Additional Information

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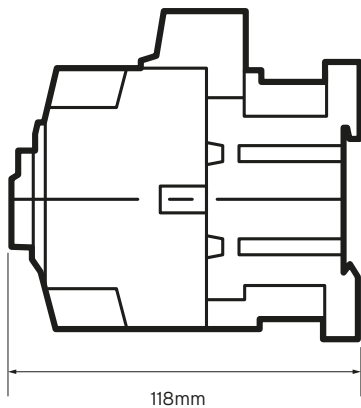
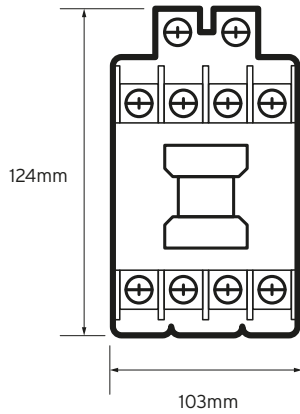
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MOTOR CONTROL GEAR

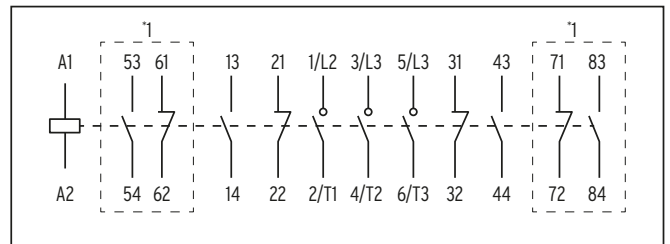
STANDARD 4 POLE CONTACTOR AC COIL

4SC110

Technical Drawing



Wiring Diagram



*1 - Optional auxiliary contact unit

Additional Information

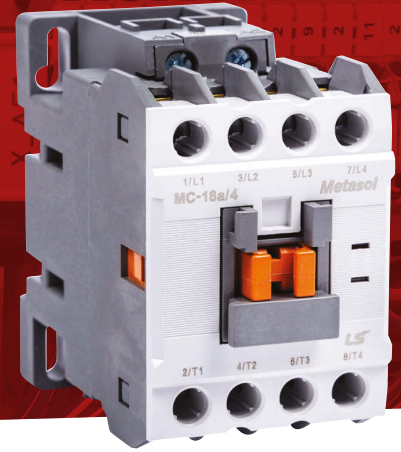
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MOTOR CONTROL GEAR

STANDARD 4 POLE CONTACTOR AC COIL

4SC135



4 pole contactors are for switching resistive loads, such as lighting or heating. Front or side auxilliary contacts are optional. Din rail mounting.

General Characteristics

Standards	IEC 60947-4, UL-508
AC-1 Rated Load	135A
AC-3 Rated Power @ 415V	45kW
Rated Operational Voltage (Ue)	≥ 690V
Number of Main Poles	4
Maximum Operation Frequency	1200 per hour
Mechanical Endurance	10 000 000 ops
Electrical Endurance	2 000 000 ops
Width	103mm
Height	124mm
Depth	118mm
Terminal Capacity	10 - 50mm ²
Tightening Torque	5 Nm
Weight	1.7 Kg

Coil Characteristics

Available Coil Voltages	24VAC, 110VAC, 230VAC
Inrush Current	220 VA
Sealed Current	17 VA
Pull-in Voltage	80 - 110 %
Thermal Dissipation	5 W
Closing time	16 - 25 ms

Available Accessories

AUX2FM	Auxilliary Contact 2NC
AUX1/1FM	Auxilliary Contact 1NO/1NC
AUX4FM	Auxilliary Contact 4NC
AUX1/3FM	Auxilliary Contact 1NO/3NC
AUX2/2FM	Auxilliary Contact 2NO/2NC
AUX3/1FM	Auxilliary Contact 3NO/1NC
AUX40FM	Auxilliary Contact 4NO
MCFI	Mechanical Interlock

Additional Information

This product is for use by skilled persons or instructed persons. The installation of this product must comply with current IEE regulations. Terminals, including those factory fitted, must be checked for correct tightness before commissioning. All terminals should be periodically checked for correct tightness. The data herein serves only to describe the product and should not be regarded as representing guaranteed properties in the legal sense. We reserve the rights of modification, whilst every care has been taken in ensuring the accuracy of this catalogue, the Supplier accepts no liability whatsoever for any eventuality arising from errors or omissions within its catalogues, brochures or within any online presence.

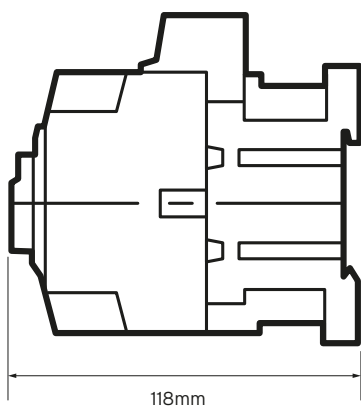
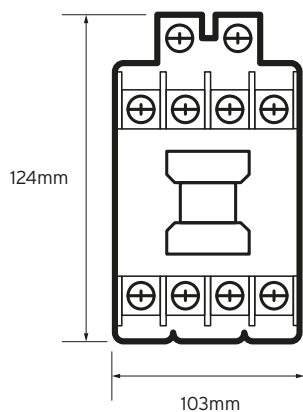
niglon Control & Automation

MOTOR CONTROL GEAR

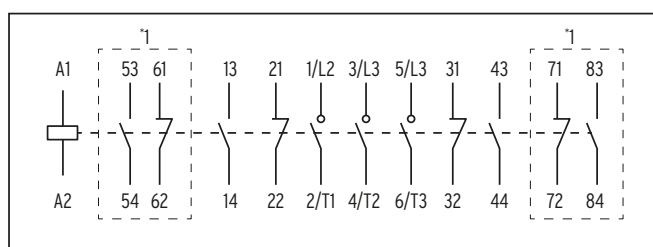
STANDARD 4 POLE CONTACTOR AC COIL

4SC135

Technical Drawing



Wiring Diagram



*1 - Optional auxiliary contact unit

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