

87

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REV. DESCRIPTION DATE GCF / ECR DESIGNED APPROVED

A First issue of outline drawing 30-Sep-21 L.Dal Molin M.Tinto

30

30

0.8

1

53M

53S

31

15

T

ELECTRICAL DIAGRAM

53M(30)

31(86)

15(87)

53S(87a)

T(85)

CONTACT ARRANGEMENT

N. contacts	Function
T	85 Negative
31	86 Positive command
15	87 NO Contact
53M	30 Positive (+30)
53S	87a NC Contact

4

3

2

1

POS. p/N

	Male contact	Brass	5	EA
3	Box	Thermoplastic	1	EA
2	Self-adhesive label		1	EA
1	Top cover	Thermoplastic	1	EA
POS.	DESCRIPTION	MATERIAL	Q.TY	U/M

PRESCRIPTIONS

The top cover must have only the five male terminals of 6.35 therefore the terminal 2.8, designated with the letter I, must be cut.

Nominal working voltage: 24V continuos voltage
Voltage range: 19.2 ÷ 32 V
Maximum contact current: 5A
Nominal contact current: 2A
Maximum power supply circuit current(30) in ON: 40mA
Maximum power supply circuit current(30) in OFF: 10 mA
Maximum control circuit current (86): 10 mA
Number of electrical operations: 200.000
Number of mechanical operations: 200.000
Delay on de-energization: 10(±2) sec.

42

11.5

6.35

3

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4

RELE' TEMPORIZZATO
DISECCITAZIONE 10s
24V-2A XX

53M(30) 31(86)

15(87) 53S(87a) T(85)

DIMENSIONS AND TOLERANCES IN MILLIMETERS, DEFINED ACCORDING TO ISO 1101-2017.

linear dimensions						
0,5 3	>3 6	>6 30	>30 120	>120 400	>400 1000	>1000 2000
±0,2	±0,3	±0,5	±0,8	±1,2	±2	±3
angle (for range of lengths)						
up to 10	>10 50	>50 120	>120 400			
±1°30'	±1°	±0°30'	±0°15'			

● FIT/ FUNCTION CRITICAL CHARACTERISTICS SYMBOL

<S> SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL

CPK DENOTES CPK DIMENSIONS MINIMUM CPK VALUE

ST DENOTES A CHARACTERISTIC THAT PROVIDES AN INDICATION OF PROCESS PERFORMANCE.PROCEDURE FOR MEASUREMENTAND TRACKINGTO BE DEFINED IN LITTELFUSE INSPECTION INSTRUCTIONS

CP DENOTES CP DIMENSIONS. -MINIMUM CP VALUE MUST BE WITHIN THE DIMENSIONAL LIMITATIONS SHOWN ON DRAWING AND INITIALLY LOCATED TO ALLOW FOR MAXIMUM TOOL LIFE

	NAME	DATE
DRAWN	L. Dal Molin	30-Sep-21
CHECKED	-	-
	-	-
	-	-

FORM NO: CVP-PE40-0013 REV A

FIRST ANGLE PROJECTION

DO NOT SCALE DRAWING

SCALE 2:1

SHEET 1 OF 1

Littelfuse

Expertise Applied| Answers Delivered

TITLE

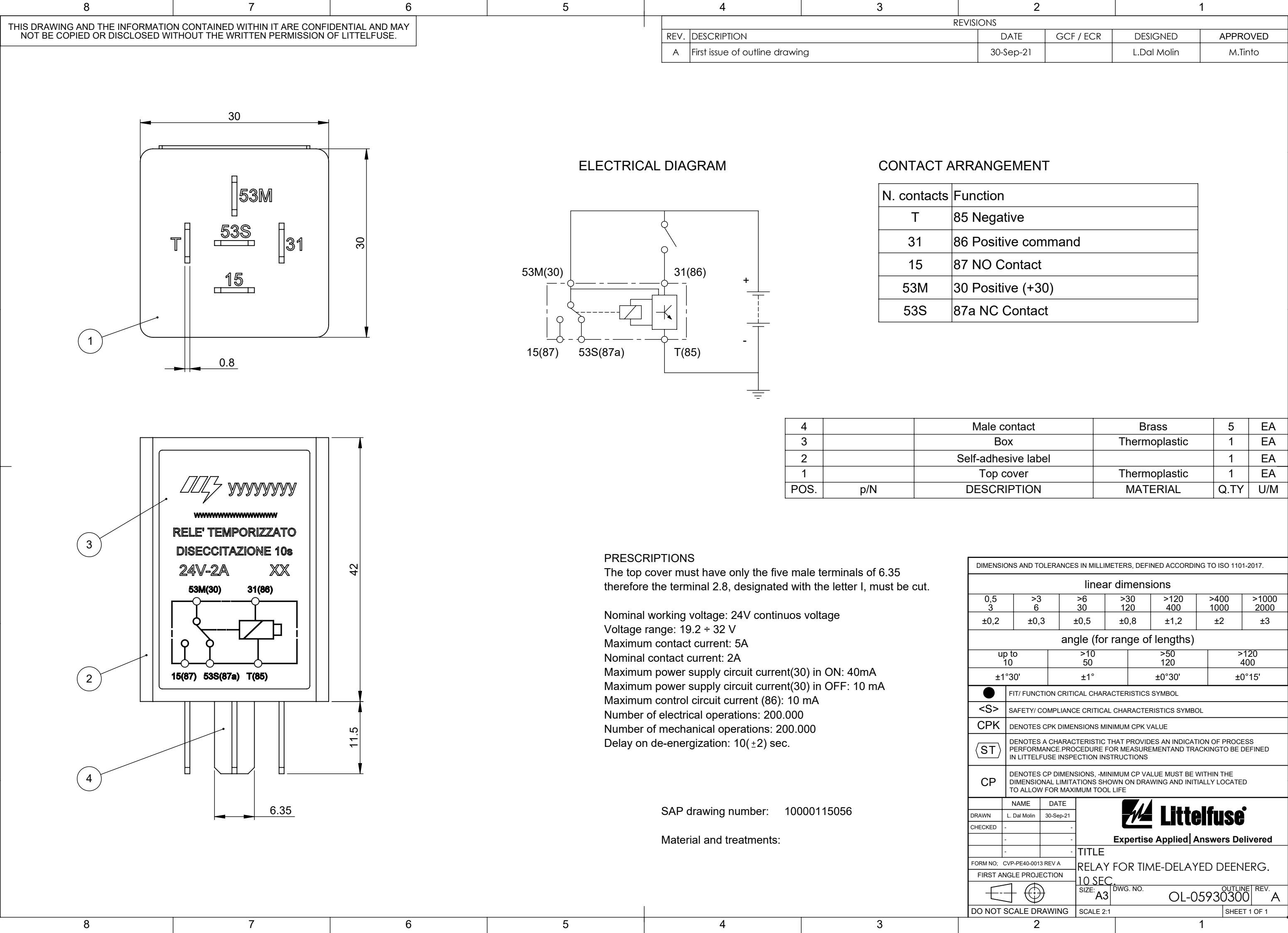
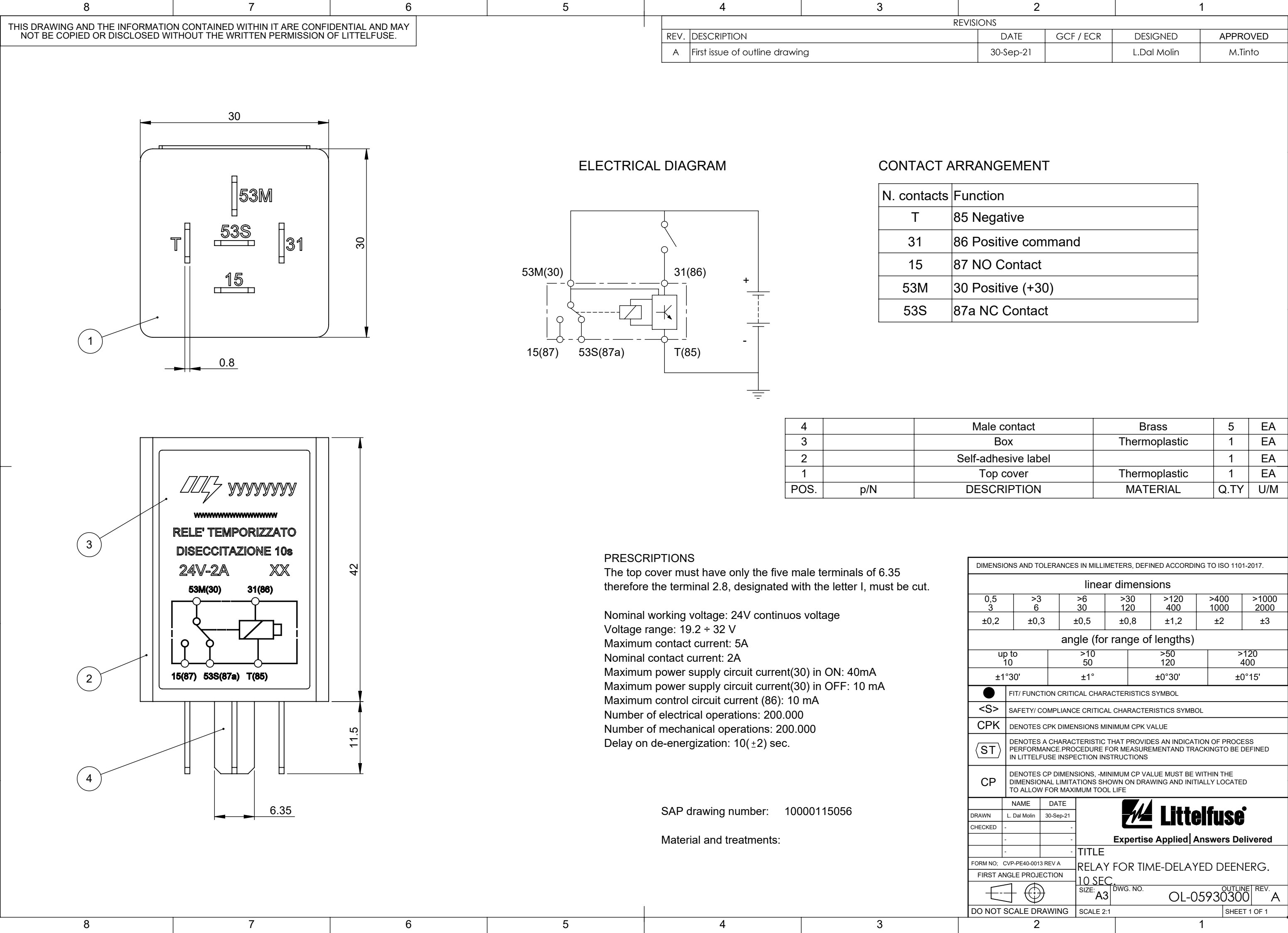
RELAY FOR TIME-DELAYED DEENERG.

10 SEC.

SIZE: A3

DWG. NO. OL-05930300

OUTLINE REV. A



87

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POS. p/N

	Male contact	Brass	5	EA
3	Box	Thermoplastic	1	EA
2	Self-adhesive label		1	EA
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POS.	DESCRIPTION	MATERIAL	Q.TY	U/M

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DISECCITAZIONE 10s
24V-2A XX

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linear dimensions						
0,5 3	>3 6	>6 30	>30 120	>120 400	>400 1000	>1000 2000
±0,2	±0,3	±0,5	±0,8	±1,2	±2	±3
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up to 10	>10 50	>50 120	>120 400			
±1°30'	±1°	±0°30'	±0°15'			

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	NAME	DATE
DRAWN	L. Dal Molin	30-Sep-21
CHECKED	-	-
	-	-
	-	-

FORM NO: CVP-PE40-0013 REV A

FIRST ANGLE PROJECTION

DO NOT SCALE DRAWING

SCALE 2:1

SHEET 1 OF 1

Littelfuse

Expertise Applied| Answers Delivered

TITLE

RELAY FOR TIME-DELAYED DEENERG.

10 SEC.

SIZE: A3

DWG. NO. OL-05930300

OUTLINE REV. A

87

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53S	87a NC Contact

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POS. p/N

	Male contact	Brass	5	EA
	Box	Thermoplastic	1	EA
	Self-adhesive label		1	EA
	Top cover	Thermoplastic	1	EA
	DESCRIPTION	MATERIAL	Q.TY	U/M

PRESCRIPTIONS

The top cover must have only the five male terminals of 6.35 therefore the terminal 2.8, designated with the letter I, must be cut.

Nominal working voltage: 24V continuous voltage

Voltage range: 19.2 ÷ 32 V

Maximum contact current: 5A

Nominal contact current: 2A

Maximum power supply circuit current(30) in ON: 40mA

Maximum power supply circuit current(30) in OFF: 10 mA

Maximum control circuit current (86): 10 mA

Number of electrical operations: 200.000

Number of mechanical operations: 200.000

Delay on de-energization: 10(±2) sec.

SAP drawing number: 10000115056

Material and treatments:

42

11.5

6.35

3

2

4

RELE' TEMPORIZZATO
DISECCITAZIONE 10s
24V-2A XX

53M(30) 31(86)

15(87) 53S(87a) T(85)

10 SEC

DO NOT SCALE DRAWING

SCALE 2:1

SHEET 1 OF 1

LINEAR DIMENSIONS

0,5	>3	>6	>30	>120	>400	>1000
3	6	30	120	400	1000	2000
±0,2	±0,3	±0,5	±0,8	±1,2	±2	±3

ANGLE (for range of lengths)

up to 10	>10 50	>50 120	>120 400
±1°30'	±1°	±0°30'	±0°15'

FIT/ FUNCTION CRITICAL CHARACTERISTICS SYMBOL

SAFETY/ COMPLIANCE CRITICAL CHARACTERISTICS SYMBOL

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NAME DATE

DRAWN L. Dal Molin 30-Sep-21

CHECKED - -

- -

- -

FORM NO: CVP-PE40-0013 REV A

FIRST ANGLE PROJECTION

DO NOT SCALE DRAWING

SCALE 2:1

SHEET 1 OF 1

Littelfuse

Expertise Applied| Answers Delivered

TITLE

RELAY FOR TIME-DELAYED DEENERG.

10 SEC

SIZE: A3

DWG. NO. OL-05930300

OUTLINE REV. A

SCALE 2:1

SHEET 1 OF 1

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53M	30 Positive (+30)
53S	87a NC Contact

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POS. p/N

Male contact

Box

Self-adhesive label

Top cover

DESCRIPTION

Brass

Thermoplastic

Thermoplastic

MATERIAL

5

1

1

Q.TY

EA

EA

EA

U/M

PRESCRIPTIONS

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SCALE 2:1

SHEET 1 OF 1

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