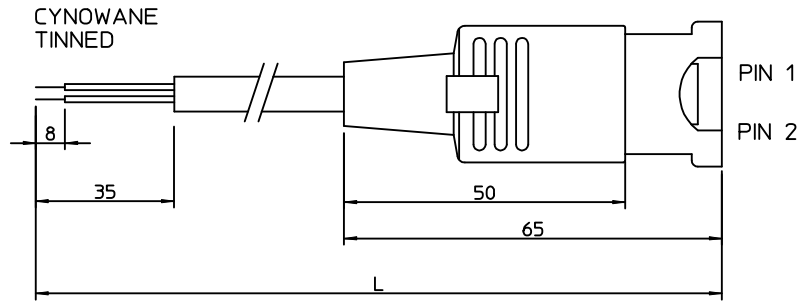
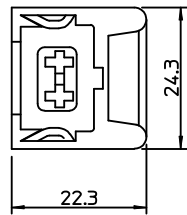
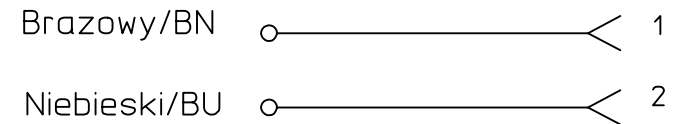


SCHEMAT ELEKTRYCZNY  
ELECTRICAL DIAGRAM



PATRZ UWAGA 1  
SEE NOTE 1

UWAGI:

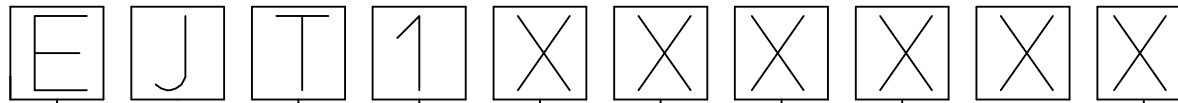
1. DŁUGOSC PATRZ ARKUSZ 2.

NOTES:

1. LENGHT SEE SHEET 2.

ORIGINAL RELEASE	EC NO:	DRWN: MWOLSZCZAK 2009/05/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	
	REV	CHYKD: MDABROWSKA 2009/06/08	▽=0	mm	INCH	DRAWN BY	DATE	TITLE			
	A	APPR: GOGRODNIK 2009/06/16	∇=0	4 PLACES	± ---	± ---	MLEVYTSKY	2009/04/20	MPM EJ1XXXXXX		
				3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED		
				2 PLACES	± ---	± ---	APPROVED BY	DATE	DOCUMENT NO.		
				1 PLACE	± ---	± ---	MWOLSZCZAK	2009/04/20	EJ1XXXXXX		
				ANGULAR ± ---°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SHEET NO.	
						SEE DRAWING		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		1 OF 4	

# PN KEY



JUNIOR CONNECTORS

CONNECTOR TYPE: \_\_\_\_\_

1 - 2 WIRES, STRAIGHT

CABLE TYPE, SEE SHEET 2, CHART 1 AND CHART 2 \_\_\_\_\_

HEAD COLOR: \_\_\_\_\_

G=GRAY; N=BLACK; T=TRANSPARENT; A=CSA-UL BLACK; B=CSA-UL GRAY

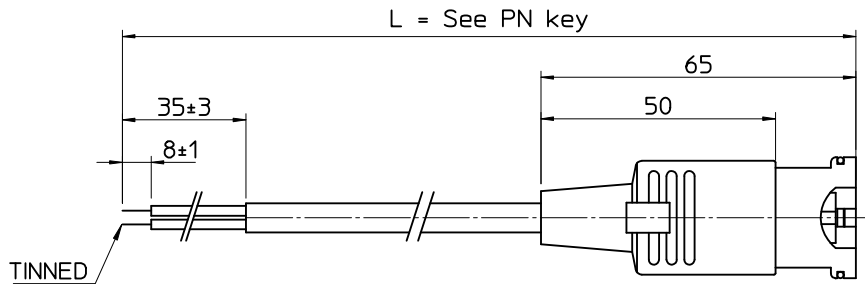
CABLE LENGTH IN CENTIMETRES: \_\_\_\_\_

EXAMPLE: 050=50 CM, 300=300 CM.

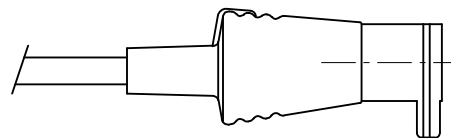
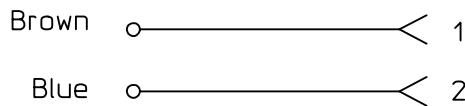
Over	Up to and including	Tolerance
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

TABLE 1

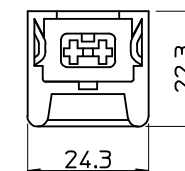
MOLEX PN	Engineering No.	L [mm]
1210460005	EJT1P3N200	2000
1210460006	EJT1P3N500	5000
1210460008	EJT1P3N300	3000
1210460009	EJT1P2N100	1000
1210460011	EJT1P3N100	1000
1210460012	EJT1P3N800	8000
1210460013	EJT1N3N150	1500
1210460014	EJT1P2N300	3000
1210460015	EJT1P3N150	1500
1210460024	EJT1P2N400	4000
1210460025	EJT1N3N100	1000
1210460026	EJT1P2N600	6000
1210460027	EJT1P3N10K	10000
1210460028	EJT1N3N200	2000
1210460034	EJT1P2N10K	10000
1210560056	EJT1N2N300	3000
1210560201	EJT1N2N100	1000



## ELECTRICAL DIAGRAM



## Face View



2  
1  
2  
1

NOTES:  
1. Dimensions without tolerances are referential

ORIGINAL RELEASE EC NO: IPG2016-0461 DRWN: JMARSZALEK 2014/05/31 CHKD: APPR: MIWASIECZKO 2015/09/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▼=0 ◻=0	mm INCH	MM ONLY	-	METRIC	
		4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
		3 PLACES ± --- ± ---	JMARSZALEK 2014/05/31	EJT1XXXXXX JUNIOR TIMER 2P FE STR		
	2 PLACES ± --- ± ---	CHECKED BY DATE	DOCUMENT NO.			
	1 PLACE ± --- ± ---	APPROVED BY DATE	SHEET NO.			
	0 PLACE ± --- ± ---	MIWASIECZKO 2015/09/28	SD-121046-002			
	ANGULAR ± --- °	MATERIAL NO.	SEE PN KEY			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		A3				


TABLE 2 - CABLES

TABLE 2 - CABLES

Molex PN Raw cable	Cable type	Cable code	Wires no.	Cross Section	Jacket material	Jacket color	Diameter Ø [mm]	Wire colors
1210180384	R	3	3	0.75 mm <sup>2</sup>	TPR HAL. FREE	Black	6.5±0.2	BN, BU, GN/YE
1210180094	T	3	3	0.75 mm <sup>2</sup>	PUR CSA/UL 20668	Yellow	6.5±0.2	BN, BU, GN/YE
1210180309	Y	3	3	0.75 mm <sup>2</sup>	SILICONE RUBBER	Red	6.5±0.2	BN, BU, GN/YE
1210180081	F	4	3	1 mm <sup>2</sup>	PVC CNOMO	Grey	7.1+0.2/-0	BK1, BK2, GN/YE
1210180042	I	4	2	1 mm <sup>2</sup>	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU
1210180079	I	4	3	1 mm <sup>2</sup>	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU, GN/YE
1210180036	N	4	2	1 mm <sup>2</sup>	PVC H05VV-F	Black	6.5±0.2	BN, BU
1210180082	N	4	3	1 mm <sup>2</sup>	PVC H05VV-F	Black	6.9±0.2	BN, BU, GN/YE
1210180117	R	4	3	1 mm <sup>2</sup>	TPR HAL. FREE	Black	7.1±0.2	BN, BU, GN/YE
1210180085	N	5	3	1.5 mm <sup>2</sup>	PVC H05VV-F	Black	7.9±0.2	BN, BU, GN/YE
1210180313	I	6	2	0.35 mm <sup>2</sup>	PVC CEI 2011	Grey	4.8±0.2	BN, WH
1210180149	I	9	4	0.75 mm <sup>2</sup>	PVC CEI 2022 II	Grey	7.3±0.2	BN, BU, BK, GN/YE

TABLE 1 - TYPES OF CABLES

Code	Cable types	Features	Cross Section
N	PVC	Application general purpose cable which has good resistance to water, but usually poor oil resistance.	0.5 mm <sup>2</sup> 0.75 mm <sup>2</sup> 1 mm <sup>2</sup>
I	CEI	Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.	0.5 mm <sup>2</sup> 0.75 mm <sup>2</sup> 1 mm <sup>2</sup>
P	PUR	Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.	0.5 mm <sup>2</sup> 0.75 mm <sup>2</sup> 1 mm <sup>2</sup>
A	PVC CSA-UL	Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.	20 AWG 18 AWG
B	PUR CSA-UL	Approved to CSA-UL 20668, very good resistance to oil and chemicals.	20 AWG 18 AWG

ORIGINAL RELEASE EC NO: IPG2016-0461 DRWN: JMARSZALEK 2014/05/31 CHKD: APPR: MIWASIECZKO 2015/09/28	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE -	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JMARSZALEK	DATE 2014/05/31	TITLE EJT1XXXXXX JUNIOR TIMER 2P FE STR			
				4 PLACES	± ---	± ---	CHECKED BY	DATE			
				3 PLACES	± ---	± ---	APPROVED BY MIWASIECZKO 2015/09/28				
				2 PLACES	± ---	± ---	MATERIAL NO. SEE PN KEY		SHEET NO. 2 OF 2		
		1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
		0 PLACE	± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						