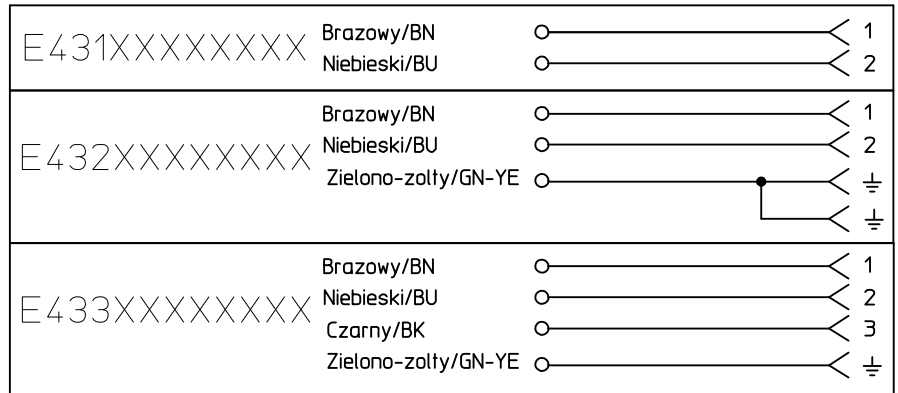
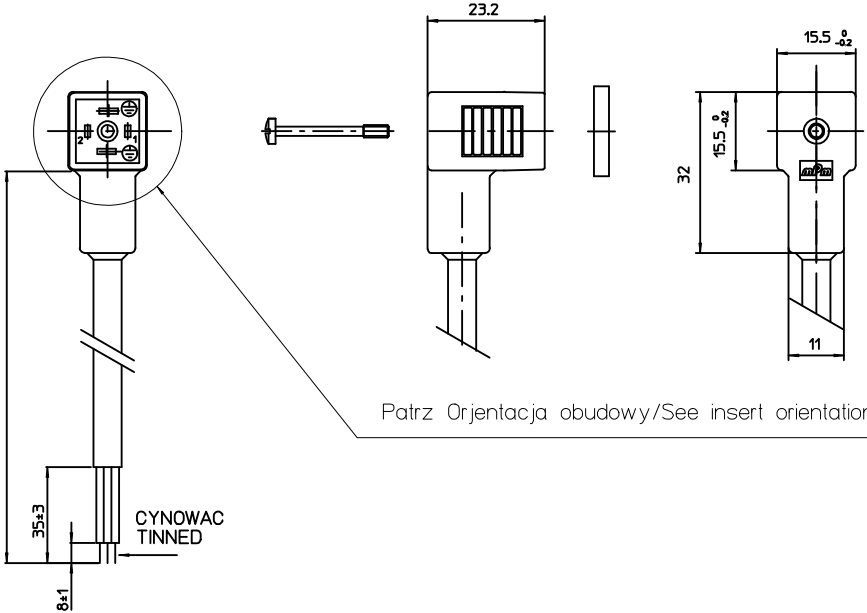
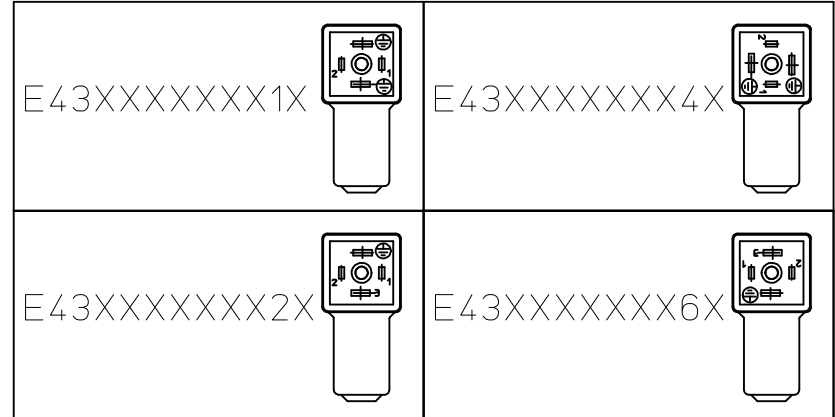


SCHEMAT POLACZEN/WIRING CONFIGURATION



Orientacja obudowy/Insert orientation



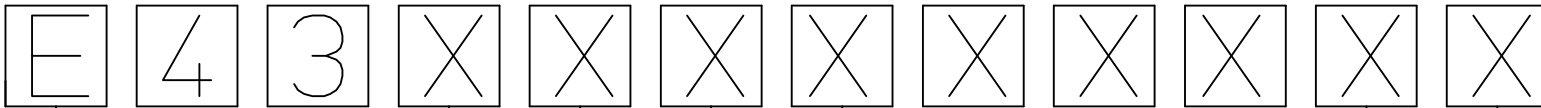
Patrz Orientacja obudowy/See insert orientation

Table of lenght tolerances/ Tablica tolerancji dlugosci mm		
Over/Od	Up to and including/ Do-wlacznie	Tolerance/Tolerancja +/-
100	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
	>20000	L/100

UWAGI:
1. DLUGOSC PATRZ ARKUSZ 2.

NOTES:
1. LENGHT SEE SHEET 2.

ORIGINAL RELEASE EC NO: WEU2009-0466 DRWIN: MWOLSZCZAK 2009/06/25 CHYKD: MDABROWSKA 2009/06/25 APPR: GOGRODNIK 2009/08/04	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	FIRST ANGLE PROJECTION	
	▽=0 □=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± ---°	MM ONLY	1:1	METRIC		
	DESCRIPTION	DRAWN BY	DATE	TITLE			
		MLEVYTSKYY	2009/01/23	MPM E43XXXXXXXXX			
		CHECKED BY	DATE	MATERIAL NO.			
		MDABROWSKA	2009/01/23	DOCUMENT NO.			
		APPROVED BY	DATE	SHEET NO.			
		MWOLSZCZAK	2009/01/23	1 OF 4			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MOLEX INCORPORATED		
		SEE DRAWING			E43XXXXXXXXX		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



E - Pakowanie bez workow
 W - Pakowanie pojedynczo
 Q - Szybkie pakowanie

ILOSC PRZEWODOW/NUMBER OF WIRES:
 1=2 PRZEWODY,
 2=2 PRZEWODY+UZIEMIENIE,
 3=3 PRZEWODY+UZIEMIENIE.

TYP KABLA/CABLE TYPE
 PATRZ TABELA 1/SEE TABLE 1

RODZAJ KABLA/CABLE CROSS SECTION AREA
 PATRZ TABELA 2/SEE TABLE 2

KOLOR MOULDINGU/HEAD COLOUR:
 G=SZARY/GREY,
 N=CZARNY/BLACK,
 T=PRZEZROCZYSTY/TRANSPARENT,
 A=CZARNY/BLACK,
 B=SZARY/GREY.

DLUGOSC KABLA W CM/CABLE LENGHT IN CM
 NP:050=50 CM, 300=300 CM.

POLOZENIE PINU Z UZIEMIENIEM(PATRZ TABELA ORJENTACJA OBUDOWY)/EARTH PIN LOCATION(SEE INSERT ORIENTATION TABLE):

- 1=PODWOJNE UZIEMIENIE NA GODZINIE 6 ORAZ 12/DOUBLE EARTH ON 6H AND 12H,
- 2=UZIEMIENIE NA GODZINIE 12/EARTH ON 12H,
- 6=UZIEMIENIE NA GODZINIE 6/EARTH ON 6H,
- 4=PODWOJNE UZIEMIENIE NA GODZINIE 3 ORAZ 9/DOUBLE EARTH ON 3H AND 9H,
- 3=UZIEMIENIE NA GODZINIE 3/EARTH ON 3H,
- 9=UZIEMIENIE NA GODZINIE 9/EARTH ON 9H.

GASKET ORAZ SRUBY/GASKET SCREWS:

- 1=GASKET PROFILOWANY+SRUBA/NBR PROFILE GASKET+FIXING SCREWS,
- 2=NBR PLASKI GASKET+SRUBA/NBR FLAT GASKET+SCREW,
- 3=SILIKONOWY PROFILOWANY GASKET+SRUBA/SILICONE PROFILE GASKET+SCREW,
- 4=SILIKOWANY PLASKI GASKET+SRUBA/SILICON FLAT GASKET+SCREW,
- P=ZINTEGROWANY GASKET+SRUBA/INTEGRATED GASKET+FIXING SCREW,
- R=ZINTEGROWANY GASKET+SRUBA/INTAGRATED GASKET+SCREW,
- T=PROFILOWANY GASKET+SRUBA, PROFILE GASKET+SCREW.

ORIGINAL RELEASE EC NO: WEU2009-0466 DRWN: MWOLSZCZAK 2009/06/25 CHKD: MDABROWSKA 2009/06/25 APPR: GOGRODNIK 2009/08/04	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION			
		 		mm	INCH	DRAWN BY	DATE	TITLE MPM E43XXXXXXXXXX				
			4 PLACES	± ---	± ---	MLEVYTSKYY	2009/01/23	MOLEX INCORPORATED				
			3 PLACES	± ---	± ---	MDABROWSKA	2009/01/23					
2 PLACES	± ---	± ---	APPROVED BY		DATE	DOCUMENT NO. E43XXXXXXXXXX						
1 PLACE	± ---	± ---	MWOLSZCZAK		2009/01/23							
ANGULAR ± ---°			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE DRAWING		SHEET NO. 2 OF 4					
A			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

TABELA 2 KABLE/TABLE 2 CABLES

MOLEX PN	mPm	Code	PRZEW	PRZEKROJ	MATERIAL	KOLOR/COLOUR	SREDNICA Ø	DIN A-B	DIN C
1210180080	I	0	3	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180467	A	2	2	20 AWG	PVC CSA/UL 2661	Czamy/Black	5,5+/-0,2 mm	OK.	OK.
-	A	2	3	20 AWG	PVC CSA/UL 2661	Czamy/Black	5,6+/-0,2 mm	OK.	OK.
1210180394	A	2	4	20 AWG	PVC CSA/UL 2661	Czamy/Black	6,2+/-0,2 mm	OK.	OK.
-	A	2	5	20 AWG	PVC CSA/UL 2661	Czamy/Black	7+/-0,2 mm	OK.	
1210180297	B	2	2	20 AWG	PUR CSA/UL 20668	Czamy/Black	5,5+/-0,2 mm	OK.	OK.
1210180126	B	2	3	20 AWG	PUR CSA/UL 20668	Czamy/Black	5,6+/-0,2 mm	OK.	OK.
1210180387	B	2	4	20 AWG	PUR CSA/UL 20668	Czamy/Black	6,2+/-0,2 mm	OK.	OK.
-	B	2	5	20 AWG	PUR CSA/UL 20668	Czamy/Black	7+/-0,2 mm	OK.	
1210180122	D	2	3	0,5 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
-	F	2	3	0,5 mm2	CNOMO	Szary/Grey RAL7000	5,5+/-0,2 mm	OK.	OK.
1210180047	I	2	2	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	5,5+/-0,2 mm	OK.	OK.
-	I	2	3	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	5,5+/-0,2 mm	OK.	OK.
1210180146	I	2	4	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	6,5+/-0,2 mm	OK.	
1210180177	I	2	5	0,5 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7+/-0,2 mm	OK.	
1210180022	N	2	2	0,5 mm2	PVCH03	Czamy/Black	5,1+ 0,2-0 mm	OK.	OK.
1210180064	N	2	3	0,5 mm2	PVCH03	Czamy/Black	5,4+ 0,2-0 mm	OK.	OK.
1210180153	N	2	4	0,5 mm2	PVCH03	Czamy/Black	5,75+0,2-0 mm	OK.	OK.
1210180046	P	2	2	0,5 mm2	PUR - BLEND	Czamy/Black	5,5+/-0,2 mm	OK.	OK.
-	P	2	3	0,5 mm2	PUR - BLEND	Czamy/Black	5,5+/-0,2 mm	OK.	OK.
1210180302	P	2	4	0,5 mm2	PUR - BLEND	Czamy/Black	-	-	-
-	P	2	5	0,5 mm2	PUR - BLEND	Czamy/Black	7+/-0,2 mm	OK.	OK.
1210180409	A	3	2	18 AWG	PVC CSA/UL 2661	Czamy/Black	6,5+/-0,2 mm	OK.	
1210180129	A	3	3	18 AWG	PVC CSA/UL 2661	Czamy/Black	6,5+/-0,2 mm	OK.	
1210180159	A	3	4	18 AWG	PVC CSA/UL 2661	Czamy/Black	7+/-0,2 mm	OK.	
-	A	3	5	18 AWG	PVC CSA/UL 2661	Czamy/Black	7,8+/-0,2 mm	OK.	
1210180351	B	3	2	18 AWG	PUR CSA/UL 20668	Czamy/Black	6,5+/-0,2 mm	OK.	
1210180127	B	3	3	18 AWG	PUR CSA/UL 20668	Czamy/Black	6,5+/-0,2 mm	OK.	
1210180127	B	3	4	18 AWG	PUR CSA/UL 20668	Czamy/Black	7+/-0,2 mm	OK.	
-	B	3	5	18 AWG	PUR CSA/UL 20668	Czamy/Black	7,8+/-0,2 mm	OK.	
1210180073	D	3	3	0,75 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
1210180145	D	3	4	0,75 mm2	PVC TI2 CEI 20-20	Szary/Grey	-	-	-
1210180120	I	3	3	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180143	I	3	4	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
1210180032	N	3	2	0,75 mm2	PVCH05	Czamy/Black	6,2+ 0,2-0 mm	OK.	
1210180069	N	3	3	0,75 mm2	PVCH05	Czamy/Black	6,6+0,2-0 mm	OK.	
-	N	3	4	0,75 mm2	PVCH05	Czamy/Black	7,15+0,2-0 mm	OK.	
1210180174	N	3	5	0,75 mm2	PVCH05	Czamy/Black	8,0+0,2-0 mm	OK.	
-	P	3	2	0,75 mm2	PUR - BLEND	Czamy/Black	6,5+/-0,2 mm	OK.	

TABELA 2 KABLE/TABLE 2 CABLES

MOLEX PN	mPm	Code	PRZEW	PRZEKROJ	MATERIAL	KOLOR/COLOUR	SREDNICA Ø	DIN A-B	DIN C
1210180071	P	3	3	0,75 mm2	PUR - BLEND	Czamy/Black	6,5+/-0,2 mm	OK.	
1210180152	P	3	4	0,75 mm2	PUR - BLEND	Czamy/Black	7+/-0,2 mm	OK.	
1210180384	R	3	3	0,75 mm2	TPR HAL. FREE	Czamy/Black	6,5+/-0,2 mm	OK.	
1210180094	T	3	3	0,75 mm2	PUR CSA/UL	Żółty/Yellow	-	-	-
1210180309	Y	3	3	0,75 mm2	SIL/0300	Czerwony/Red	6,5+/-0,2 mm	-	-
1210180081	F	4	3	1 mm2	CNOMO	Szary/Grey RAL7000	-	-	-
-	F	4	4	1 mm2	CNOMO	Szary/Grey RAL7000	7,1+0,2-0 mm	OK.	
1210180042	I	4	2	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7,1+0,2-0 mm	OK.	
1210180079	I	4	3	1 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	7,1+0,2-0 mm	OK.	
1210180036	N	4	2	1 mm2	PVCH05	Czamy/Black	6,5+0,2-0 mm	OK.	
1210180082	N	4	3	1 mm2	PVCH05	Czamy/Black	6,9+0,2-0 mm	OK.	
1210180117	R	4	3	1 mm2	TPR HAL. FREE	Czamy/Black	-	-	-
1210180085	N	5	3	1,5 mm2	PVCH05	Czamy/Black	8,3+0,2-0 mm	OK.	
1210180313	I	6	2	0,35 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-
-	A	7	3	20 AWG	PVC CSA/UL 2661	Żółty/Yellow	5,6+/-0,2 mm	OK.	OK.
1210180149	I	9	4	0,75 mm2	PVC CEI 2022 II O.R.	Szary/Grey RAL7035	-	-	-




TABELA 1 TYPY KABLI/TABLE 1 CABLES TYPE

Znakowanie /Code	Rodzaje kabla /Cable types	Właściwości /Features	Przekroje /Stranding
N	PVC	Kabel z dobrą rezystancją w wodzie ale słabą w oleju./Application general purpose cable which has good resistance to water, but usually poor oil resistance.	0.5 mm2 = 15 x 0.20 0.75 mm2 = 21 x 0.20 1 mm2 = 28 x 0.20
I	PVC	Zatwierdzone przez IEC 332-2A, samogaszący./Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.	0.5 mm2 = 28 x 0.15 0.75 mm2 = 42 x 0.15 1 mm2 = 32 x 0.20
P	PVC	Dobra rezystancja w olejach i chemikaljach./Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.	0.5 mm2 = 28 x 0.15 0.75 mm2 = 42 x 0.15 1 mm2 = 32 x 0.20
A	PVC	Zatwierdzony przez CSA-UL 2661.Dobra rezystancja na wodę słaba na olej./ Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.	20 AWG = 32 x 0.15 18 AWG = 52 x 0.15
B	PVC	Zatwierdzony przez CSA-UL 20668, bardzo dobra rezystancja w oleju i chemikaljach./ Approved to CSA-UL 20668, very good resistance to oil and chemicals.	20 AWG = 32 x 0.15 18 AWG = 52 x 0.15

ORIGINAL RELEASE EC NO: WEU2009-0466 DRWIN: MWLSZCZAK 2009/06/25 CHYKD: MDABROWSKA 2009/06/25 APPR: GOGRODNIK 2009/08/04	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION		
		mm	INCH	DRAWN BY	DATE	TITLE				
		4 PLACES ± ---	± ---	MLEVYTSKYY	2009/01/23	MPM E43XXXXXXXXXX				
		3 PLACES ± ---	± ---	CHECKED BY	DATE					
		2 PLACES ± ---	± ---	MDABROWSKA	2009/01/23					
		1 PLACE ± ---	± ---	APPROVED BY	DATE					
		ANGULAR ± ---°		MWLSZCZAK	2009/01/23	MOLEX INCORPORATED				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				SEE DRAWING		E43XXXXXXXXXX		3 OF 4		
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

TABELA 3/CHART 3

MOLEX P/N	WOODHEAD P/N
1210400940	E431N2N15011
1210400952	E432A2A20011
1210400481	E432A2A30012
1210401002	E432A2A3002T
1210400609	E432I2N10K11
1210400490	E432N2N05012
1210400491	E432N2N10011
1210400492	E432N2N10012
1210400493	E432N2N10K11
1210400496	E432N2N20011
1210400497	E432N2N20012
1210400498	E432N2N30011
1210400501	E432N2N50012
1210401011	E433A2A3002T
1210400730	E433N2N10061
1210400913	E433N2N10K22
1210400509	E433N2N30022
1210400512	E433N2N50022
1210400791	E436D3N30062
1210401023	E433P2N3006T
1210401024	E433P2N5006T
1210401022	E433P2N1006T
1210400834	E432A2A10012
1210400486	E432I2N50012
1210400500	E432N2N50011
1210400968	E432P2N12K11
1210400510	E433N2N30061
1210400511	E433N2N50021

ORIGINAL RELEASE EC NO: WEU2009-0466 DRWN: MWOLSZCZAK 2009/06/25 CHKD: MDABROWSKA 2009/06/25 APPR: GOGRODNIK 2009/08/04	QUALITY SYMBOLS  = 0  = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 FIRST ANGLE PROJECTION	
		4 PLACES ± --- ± ---	DRAWN BY MLEVYTSKYY	DATE 2009/01/23	TITLE MPM E43XXXXXXXXXX				
		3 PLACES ± --- ± ---	CHECKED BY MDABROWSKA	DATE 2009/01/23	APPROVED BY MWOLSZCZAK				
		2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± --- °	MATERIAL NO. SEE DRAWING		DOCUMENT NO. E43XXXXXXXXXX				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						