Zone

1 21 2 22

T0251 / T0252

IP 66

IK 10

T_a +55 -40

ATEX



- Plugs and sockets receptacles 16A to 32A, 50V to 690V
- All sockets incorporate switching technology that prevents removal of the plug under electrical load and does not disturb the potentially explosive atmospheres
- Small force of inserting and pulling

CONSTRUCTION

Material: polycarbonate / polyamide

The exclusive interlock device is equipped with the plug and socket device. The switch is not turned on if it is not rotated and the plug can not be pulled out when the switch is turned on after the plug is inserted into the socket, which the non-live action is realized.
The protective covers are equipped on both plug and socket, which ensure the reliability of the protective degree.
Therefore, the plug and socket device can be used under the extreme conditions.

TECHNICAL DATA

Certificate:	FIDI 21 ATEX 0052U, FIDI 21 ATEX 0049X, FIDI 21 ATEX 0050X, FIDI 21 ATEX 0051U
Marking:	CE 0722
Apparatus category:	II 2G II 2D
Marking of explosion protection:	Ex db eb IIC T6…T5 Gb Ex tb IIIC T80°C… T95°C Db Ex db eb IIC Gb Ex tb IIIC Db
Ambient temperature:	-40°C ≤ T_{amb} ≤ +45°C/+55°C
Degree of protection:	IP 66
Impact resistance:	IK10
Cable entries:	Wall type socket: 1xM25 cable gland (cable diameter 8-17 mm) Coupler type socket: cable diameter 8-18.5 mm Plug: cable diameter 8-18.5 mm



Wall socket



Coupler socket



Panel socket

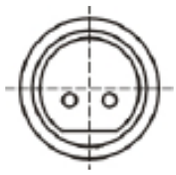
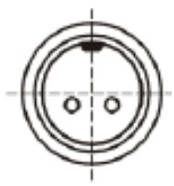


Plug



Plug with protective cover

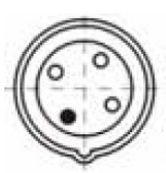
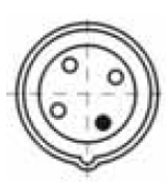
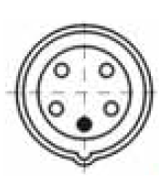
MODEL CODE T0251 16A 2P/3P/4P/5P

DESCRIPTION	PIN configuration	ORDER CODE
20-25 VAC 16A 2P		
Wall socket		R-2P-16A-25VAC
Panel socket		F-2P-16A-25VAC
Coupler socket		C-2P-16A-25VAC
Plug		P-2P-16A-25VAC
Plug with cap		P-C-2P-16A-25VAC
40-50 VAC 16A 2P		
Wall socket		R-2P-16A-50VAC
Panel socket		F-2P-16A-50VAC
Coupler socket		C-2P-16A-50VAC
Plug		P-2P-16A-50VAC
Plug with cap		P-C-2P-16A-50VAC
20-50 VDC 16A 2P		
Wall socket		R-2P-16A-50VDC
Panel socket		F-2P-16A-50VDC
Coupler socket		C-2P-16A-50VDC
Plug		P-2P-16A-50VDC
Plug with cap		P-C-2P-16A-50VDC
110-130 V 16A 3P		
Wall socket		R-3P-16A-130V
Panel socket		F-3P-16A-130V
Coupler socket		C-3P-16A-130V
Plug		P-3P-16A-130V
Plug with cap		P-C-3P-16A-130V
200-250 V 16A 3P		
Wall socket		R-3P-16A-250V
Panel socket		F-3P-16A-250V
Coupler socket		C-3P-16A-250V
Plug		P-3P-16A-250V
Plug with cap		P-C-3P-16A-250V

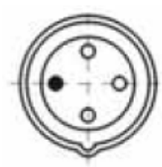
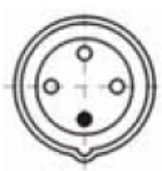
All technical data is relevant at the time of print.

T0251 / T0252

MODEL CODE T0251 16A 2P/3P/4P/5P

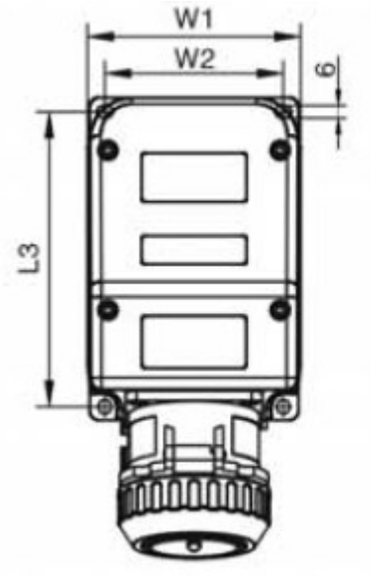
DESCRIPTION	PIN configuration	ORDER CODE
200-250 V 16A 4P		
Wall socket		R-4P-16A-250V
Panel socket		F-4P-16A-250V
Coupler socket		C-4P-16A-250V
Plug		P-4P-16A-250V
Plug with cap		P-C-4P-16A-250V
380-415 V 16A 4P		
Wall socket		R-4P-16A-415V
Panel socket		F-4P-16A-415V
Coupler socket		C-4P-16A-415V
Plug		P-4P-16A-415V
Plug with cap		P-C-4P-16A-415V
480-500 V 16A 4P		
Wall socket		R-4P-16A-500V
Panel socket		F-4P-16A-500V
Coupler socket		C-4P-16A-500V
Plug		P-4P-16A-500V
Plug with cap		P-C-4P-16A-500V
600-690 V 16A 4P		
Wall socket		R-4P-16A-690V
Panel socket		F-4P-16A-690V
Coupler socket		C-4P-16A-690V
Plug		P-4P-16A-690V
Plug with cap		P-C-4P-16A-690V
200-250V 380-415V 16A 5P		
Wall socket		R-5P-16A-415V
Panel socket		F-5P-16A-415V
Coupler socket		C-5P-16A-415V
Plug		P-5P-16A-415V
Plug with cap		P-C-5P-16A-415V

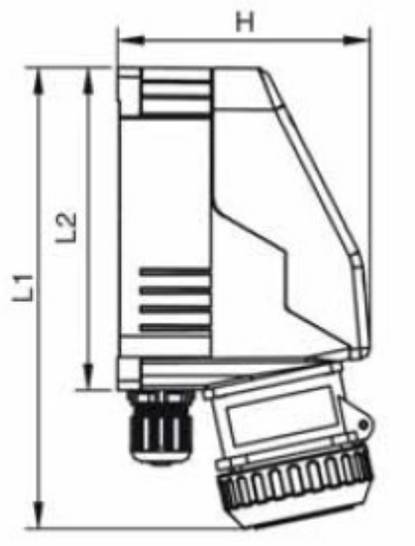
MODEL CODE T0252 32A 4P/5P

DESCRIPTION	PIN configuration	ORDER CODE
200-250 V 32A 4P		
Wall socket		R-4P-32A-250V
Panel socket		F-4P-32A-250V
Coupler socket		C-4P-32A-250V
Plug		P-4P-32A-250V
Plug with cap		P-C-4P-32A-250V
380-415 V 32A 4P		
Wall socket		R-4P-32A-415V
Panel socket		F-4P-32A-415V
Coupler socket		C-4P-32A-415V
Plug		P-4P-32A-415V
Plug with cap		P-C-4P-32A-415V
480-500 V 32A 4P		
Wall socket		R-4P-32A-500V
Panel socket		F-4P-32A-500V
Coupler socket		C-4P-32A-500V
Plug		P-4P-32A-500V
Plug with cap		P-C-4P-32A-500V
600-690 V 32A 4P		
Wall socket		R-4P-32A-690V
Panel socket		F-4P-32A-690V
Coupler socket		C-4P-32A-690V
Plug		P-4P-32A-690V
Plug with cap		P-C-4P-32A-690V
200-250V 380-415V 32A 5P		
Wall socket		R-5P-32A-415V
Panel socket		F-5P-32A-415V
Coupler socket		C-5P-32A-415V
Plug		P-5P-32A-415V
Plug with cap		P-C-5P-32A-415V

T0251 / T0252

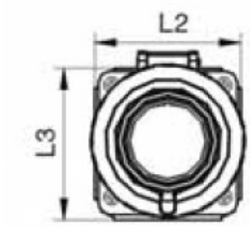
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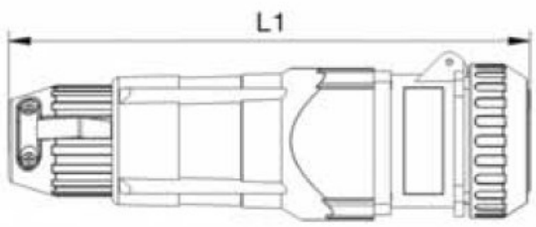




WALL SOCKET (all dimension in mm)

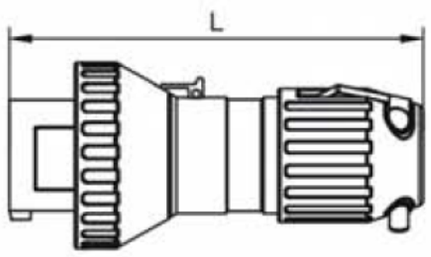
Poles	W1	W1	L1	L2	L3	H
2P/3P	103	86	223	156	142	122
4P/5P	123	106	241	176	163	147

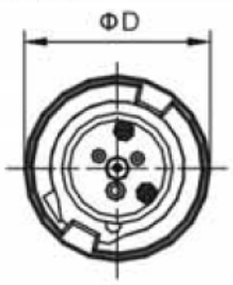




COUPLER SOCKET (all dimension in mm)

Poles	L1	L2	L3
2P/3P	247	69	72
4P/5P	279	90	93

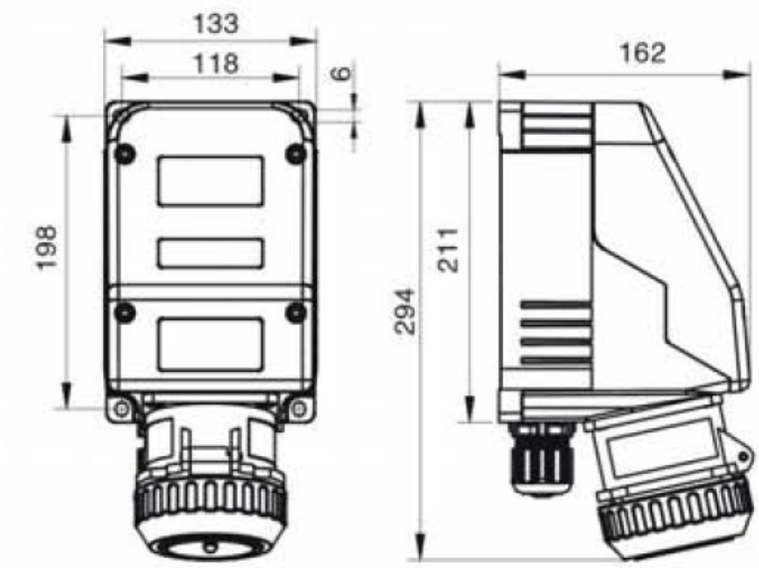




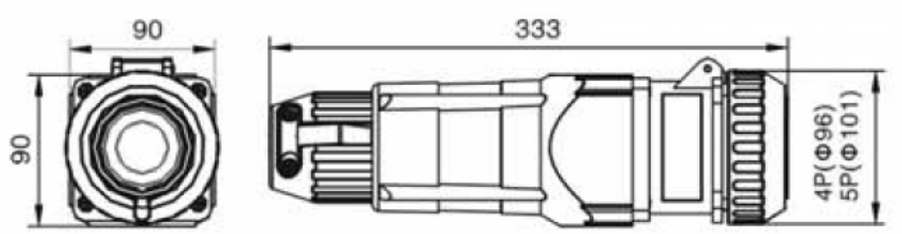
PLUG (all dimension in mm)

Poles	ϕD	L
2P/3P	73	163
4P	77	187
5P	84	187

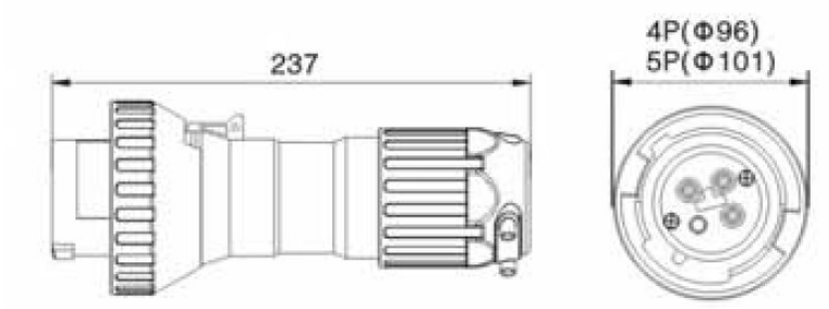
DIMENSION type T0252 / 32A



WALL SOCKET (all dimension in mm)



COUPLER SOCKET (all dimension in mm)



PLUG (all dimension in mm)