

NOTES:
 1. TECHNICAL PARAMETERS AS BELOW:
 2. REFERENCE IEC 62196-2.

Ambient temperature	-30°C~+50°C		
Rated current	L1&N&PE: 20A PP&CP: 2A	+	A.C MAINS(L1) 25mm² CABLE(BROWN) NO CONTACT & NO CABLE
Rated voltage	L1&N&PE: 250V AC PP&CP: 30V AC	+	A.C MAINS(L2) NO CONTACT & NO CABLE
Withstanding Voltage	PP&CP: 30V AC	+	A.C MAINS(L3) NO CONTACT & NO CABLE
Insulation resistance	>2000V AC	+	NEUTRAL(N) 25mm² CABLE(BLUE)
Durability	>10,000 Cycles	+	EARTHING(PE) 25mm² CABLE(YELLOW&GREEN)
IP-Class	IP55(Male)	⊙	CONTROL PILOT(PP) 0.5mm² CABLE(No CABLE)
Firmability	UL-94V0		CONTROL PILOT(CP) 0.5mm² CABLE(RED)
ROHS	RoHS	+	
Cable OD	10.2~+/-0.35mm		
DESCRIPTION	PARAMETER	SYMBOL	

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Ambient temperature	-30°C~+50°C		
Rated current	L1&N&PE: 32A PP&CP: 2A	+	A.C MAINS(L1) 6mm² CABLE(BROWN) NO CONTACT & NO CABLE
Rated voltage	L1&N&PE: 250V AC PP&CP: 30V AC	+	A.C MAINS(L2) NO CONTACT & NO CABLE
Withstanding Voltage	PP&CP: 30V AC	+	A.C MAINS(L3) NO CONTACT & NO CABLE
Insulation resistance	>2000V AC	+	NEUTRAL(N) 6mm² CABLE(BLUE)
Durability	>10,000 Cycles	+	EARTHING(PE) 6mm² CABLE(YELLOW&GREEN)
IP-Class	IP55(Male)	⊙	CONTROL PILOT(PP) 0.5mm² CABLE(No CABLE)
Firmability	UL-94V0		CONTROL PILOT(CP) 0.5mm² CABLE(RED)
ROHS	RoHS	+	
Cable OD	12.8~+/-0.4mm		
DESCRIPTION	PARAMETER	SYMBOL	

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Ambient temperature	-30°C~+50°C		
Rated current	L1&L2&L3&N&PE: 20A PP&CP: 2A	+	A.C MAINS(L1) 25mm² CABLE(BROWN) NO CONTACT & NO CABLE
Rated voltage	L1&L2&L3&N&PE: 48V AC PP&CP: 30V AC	+	A.C MAINS(L2) 25mm² CABLE(BLACK)
Withstanding Voltage	PP&CP: 30V AC	+	A.C MAINS(L3) 25mm² CABLE(GRAY)
Insulation resistance	>2000V AC	+	NEUTRAL(N) 25mm² CABLE(BLUE)
Durability	>10,000 Cycles	+	EARTHING(PE) 25mm² CABLE(YELLOW&GREEN)
IP-Class	IP55(Male)	⊙	CONTROL PILOT(PP) 0.5mm² CABLE(No CABLE)
Firmability	UL-94V0		CONTROL PILOT(CP) 0.5mm² CABLE(RED)
ROHS	RoHS	+	
Cable OD	12.8~+/-0.4mm		
DESCRIPTION	PARAMETER	SYMBOL	

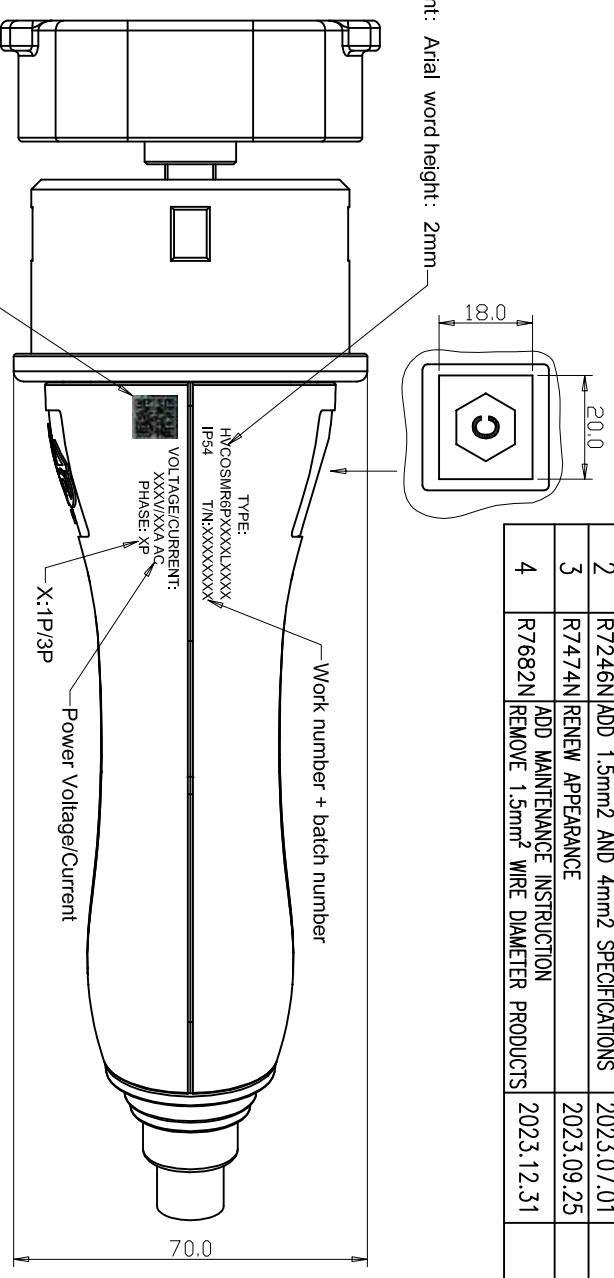
HVCOSMR6P5702L0000

Ambient temperature	-30°C~+50°C		
Rated current	L1&L2&L3&N&PE: 32A PP&CP: 2A	+	A.C MAINS(L1) 6mm² CABLE(BROWN) NO CONTACT & NO CABLE
Rated voltage	L1&L2&L3&N&PE: 48V AC PP&CP: 30V AC	+	A.C MAINS(L2) 6mm² CABLE(BLACK)
Withstanding Voltage	PP&CP: 30V AC	+	A.C MAINS(L3) 6mm² CABLE(GRAY)
Insulation resistance	>2000V AC	+	NEUTRAL(N) 6mm² CABLE(BLUE)
Durability	>10,000 Cycles	+	EARTHING(PE) 6mm² CABLE(YELLOW&GREEN)
IP-Class	IP55(Male)	⊙	CONTROL PILOT(PP) 0.5mm² CABLE(No CABLE)
Firmability	UL-94V0		CONTROL PILOT(CP) 0.5mm² CABLE(RED)
ROHS	RoHS	+	
Cable OD	16.1~+/-0.4mm		
DESCRIPTION	PARAMETER	SYMBOL	

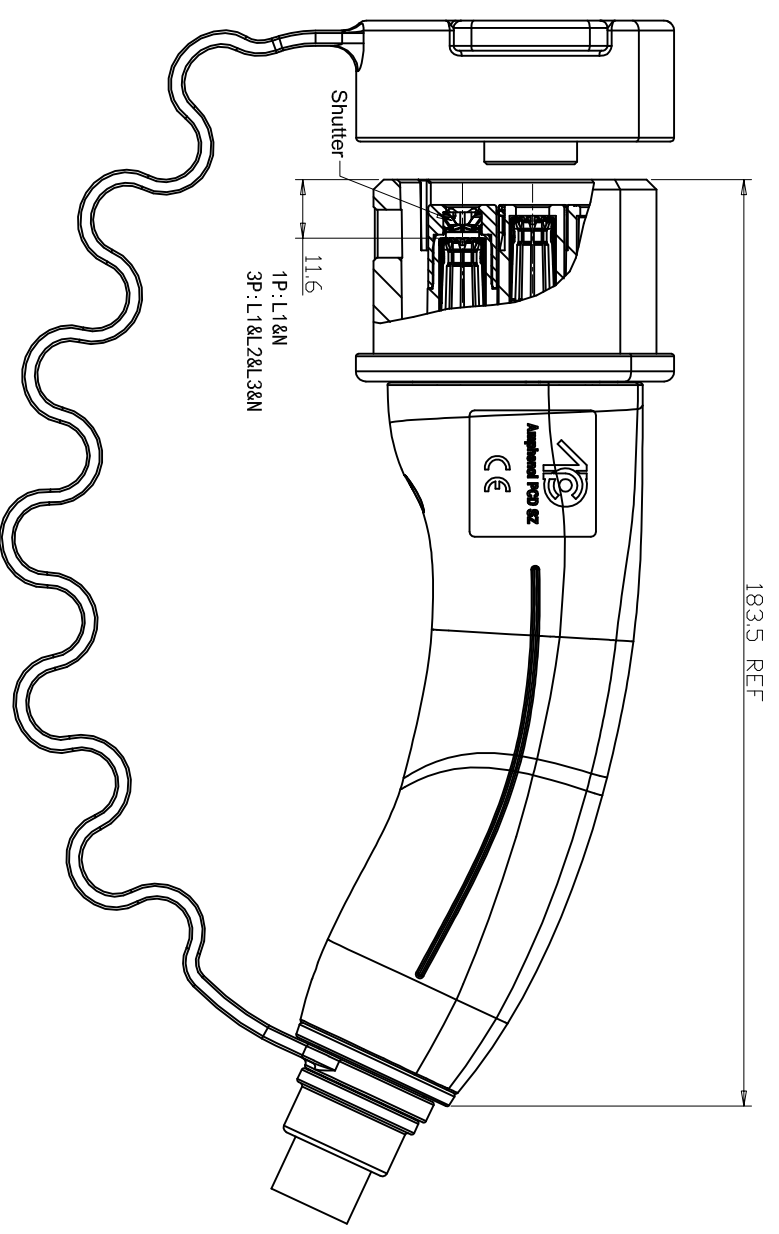
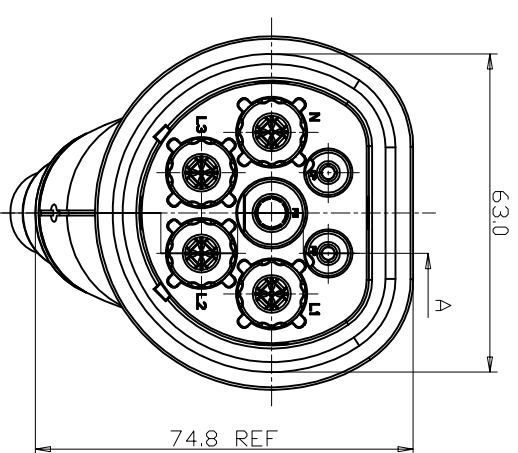
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REV	ECN	DESCRIPTION	DATE
1		PRE-RELEASE	2021.07.15
2	R7246N	ADD 1.5mm2 AND 4mm2 SPECIFICATIONS	2023.07.01
3	R7474N	RENEW APPEARANCE	2023.09.25
4	R7682N	ADD MAINTENANCE INSTRUCTION REMOVE 1.5mm² WIRE DIAMETER PRODUCTS	2023.12.31



OR(9*9mm)content:
 Work number
 Sequence codes(0001-9999)



Section A-A

MAINTENANCE INSTRUCTION: APCD-TD-1187

DIMENSIONS	ANSI Y14.5M	TOLERANCES	X	±0.5	PROJECTION	Amphenol PCD Shenzhen	TITLE	IEC VEHICLE CONNECTOR WITH SHUTTER
	UNITS: MM		.XX	±0.05				
PROJ FILE		ANGLES	±0.2°			CHKD	SIZE	REV
ORIGINAL						ENGR	DWG NO.	4
						2023.04.25	C-HVCOSMR6PXXXXL0000	SCALE: 1:1
								SHEET 1 OF 2

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