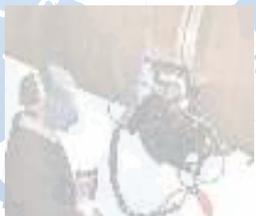


Amphenol

HARSH ENVIRONMENT SOLUTIONS DIVISION



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Cx Product Series	RT/RT-SS	RTOW	RTS	RTHP	FLS
D Picture					
Dy PIN	3~48	6,10,19,26,32	2~32	1,3	3~19
} Shell material	PK Metal	Metal	Thermoplastic material	Metal	Thermoplastic material
Voltage	500V~600V	250V	250V~600V	630V	250V~600V
v Current	13A~45A	7.5A	13A~45A	65A~300A	13A~45A
98 Wire Range	8AWG~30AWG	20AWG~30AWG	8AWG~30AWG	10mm ² ~95mm ²	8AWG~30AWG
Submersion	IP67(Mated)	IP67(Mated)	IP67 & IP69K(Mated)	IP67(Mated)	IP67(Mated)
.X Mechanical endurance	500+	500+	500+	100+	500+
Temperature Range	-40- ~+125-	-40- ~+125-	-40- ~+125-	-40- ~+125-	-40- ~+125-
N Contacts	W & 9 Machining & Stamping	W & 9 Machining & Stamping	W & 9 Machining & Stamping	W Radsok Machining Radsok contacts	W & 9 Machining & Stamping
Applications	V oK o7 ooqoDNWy}L o New energy vehicles, robots, military, railway, aviation, welding industry and other equipment requiring interconnection.				



Cx Product Series	RTHP Single core HVIL	HE	TWC&TWCM	JAEVS
D Picture				
D}y PIN	1	2	2, 3	2(+2 HVIL)
} Shell material	PK Metal	Thermoplastic material	Thermoplastic material	Thermoplastic material
Voltage	1000V	1000V	1000V	1000V
V Current	150A~300A	125A~200A	100A~400A	20A~40A
98 Wire Range	35mm ² ~95mm ²	25mm ² ~50mm ²	25mm ² ~120mm ²	2.5mm ² ~6.0mm ²
Submersion	IP67(Mated)	IP67(Mated)	IP67 & IP69(Mated)	IP67(Mated)
.X Mechanical endurance	100+	100+	100+	100+
Temperature Range	-40- ~+125-	-40- ~+125-	-40- ~+125-	-40- ~+125-
N Contacts	W Radsok Machining Radsok contacts	/	/	/
Applications	V oK o7 ooqoDNW y}L o New energy vehicles, robots, military, railway, aviation, welding industry and other equipment requiring interconnection.		o Inverter, battery charger, etc	V oK o oDNW o New energy vehicles, robots, railway, welding industry, etc



Cx Product Series	ATHP		
	ATHP stored energy	Single core push-button type	ATHP HVIL
Picture			
D}y PIN	1	1	2
} Shell material	Thermoplastic material	Thermoplastic material	Thermoplastic material
Voltage	1000V	1500V	1000V
V Current	120A~180A	100A~350A	20A~180A
98 Wire Range	25mm ² ~50mm ²	16mm ² ~95mm ²	25mm ² ~50mm ²
Submersion	IP67(Mated)	IP67(Mated)	IP67(Mated)
.X Mechanical endurance	100+	100+	100+
Temperature Range	-55°C ~+125°C	-40- ~+125-	-40- ~+125-
N Contacts	W Radsok Machining Radsok contacts	W Radsok Machining Radsok contacts	W & 9 Machining & Stamping
Applications	P kkkkW Battery energy storage system MTT		TM/TT



Cx Product Series	AT	ATV	ATM	ATP	ATS
D Picture					
Dy PIN	2~12	18, 32, 38	2~12	2,4,6	26,34
} Shell material	Thermoplastic material	Thermoplastic material	Thermoplastic material	Thermoplastic material	Thermoplastic material
Voltage	250V	250V	250V	250V	250V
V Current	13A	13A	7.5A	25A	7.5A
98 Wire Range	14AWG~22AWG	18/32pin: 14AWG~22AWG 38pin: 14AWG~26AWG	16AWG~22AWG	10AWG~14AWG	16AWG~22AWG
Submersion	IP67(Mated)	IP67 & IP69(Mated)	IP67(Mated)	IP67(Mated)	IP67(Mated)
.X Mechanical endurance	100+	100+	100+	100+	100+
Temperature Range	-55- ~+125-	-55- ~+125-	-55- ~+125-	-55- ~+125-	-55- ~+125-
N Contacts	W & 9 Machining & Stamping	W & 9 Machining & Stamping	W & 9 Machining & Stamping	W & 9 Machining & Stamping	W & 9 Machining & Stamping
Applications	MooVo7oooy}Lo Heavy-duty equipment, agricultural machinery, automobile, military, new energy, railway, navigation and other equipment requiring interconnection.				



Cx Product Series	AS	AHD	ATHD	AHDP	AHDM
D Picture					
D}y PIN	8,14,23,35	6,9	1	6~47	6~47
} Shell material	Thermoplastic material	Thermoplastic material	Thermoplastic material	Thermoplastic material	Metal
Voltage	250V	250V	1000V	250V	250V
V Current	10A	25A/13A	100A	7.5A~100A	7.5A~100A
98 Wire Range	16AWG~20AWG	10AWG~22AWG	6AWG	6AWG~22AWG	6AWG~22AWG
Submersion	IP67(Mated)	IP67(Mated)	IP67(Mated)	IP67&IP69K(Mated)	IP67&IP69K(Mated)
.X Mechanical endurance	100+	100+	100+	100+	100+
Temperature Range	-40- ~+105-	-55- ~+125-	-55- ~+125-	-55- ~+125-	-55- ~+125-
N Contacts	W & 9 Machining & Stamping	W & 9 Machining & Stamping	W Machining	W & 9 Machining & Stamping	W & 9 Machining & Stamping
Applications	yO Railway gating, etc	Wik Construction machinery, diagnostic equipment	MooVo7ooy}L O Heavy-duty equipment, agricultural machinery, automobile, military, new energy, railway, navigation and other equipment requiring interconnection.		



Cx Product Series	ATD	ARB	ARC
D Picture			
Dy PIN	20	48,60,102	24,40,50,70
} Shell material	Thermoplastic material	Thermoplastic material	Thermoplastic material
Voltage	250V	250V	250V
v Current	7.5~13A	13A	13A
98 Wire Range	14~22AWG	14~20AWG	14~20AWG
Submersion	IP68&IP69K(Mated)	IP67&IP69K(Mated)	IP67&IP69K(Mated)
.X Mechanical endurance	100+	100+	100+
Temperature Range	-40- ~+125-	-55- ~+125-	-55- ~+125-
N Contacts	W & 9 Machining & Stamping	W & 9 Machining & Stamping	W & 9 Machining & Stamping
Applications	MoovoyL Heavy-duty equipment, agricultural machinery, automobile, military, new energy, railway, navigation and other equipment requiring interconnection.	ykmyPyL on harsh environments such as on- and off-highway, marine, industrial and agricultural markets, and other devices that require interconnectivity.	



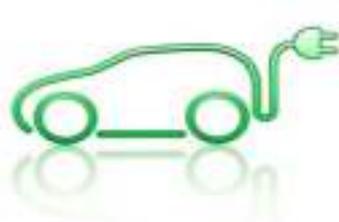
Cx Product Series	A xD G A series Flange panel mounting	A xq G A series Square plate mounting	A x PCB G/ A series PCB Panel mounting connector	AT x PCB G/ AT series PCB connector
D Picture				
D}y PIN	2~12	2~12	2~12	2~12
} Shell material	Thermoplastic material	Thermoplastic material	Thermoplastic material	Thermoplastic material
Voltage	250V	250V	250V	250V
v Current	13~25A	7.5A~13A	7.5A~13A	7.5A
98 Wire Range	10AWG~22AWG	14AWG~22AWG	14AWG~22AWG	14AWG~22AWG
Submersion	IP67(Mated)	IP67(Mated)	IP67(Mated)	IP67(Mated)
.X Mechanical endurance	100+	100+	100+	100+
Temperature Range	-55- ~+125-	-55- ~+125-	-55- ~+125-	-55- ~+125-
N Contacts	W & 9 Machining & Stamping	W & 9 Machining & Stamping	mW Includes machined terminals	mW Includes machined terminals
Applications	<p>MooVo7ooy}Lo Heavy-duty equipment, agricultural machinery, automobile, military, new energy, railway, navigation and other equipment requiring interconnection.</p>			



Cx Product Series	A Series 2pin LED	A Series J1939	AT Series Hyperbuss	AT Series I. Injection moulding	A Series 7aC Diode product
D Picture					
Dy PIN	2	2,3	2~12	2~12	2, 4
Shell material	Thermoplastic material	Thermoplastic material	Thermoplastic material	Thermoplastic material	Thermoplastic material
Voltage	250V	250V	250V	250V	250V
V Current	13A	7.5A/13A	13A	13A	3~8.4A
98 Wire Range	14AWG~22AWG	14AWG~22AWG	14AWG~22AWG	14AWG~22AWG	14AWG~22AWG
Submersion	IP67(Mated)	IP67(Mated)	IP67(Mated)	IP67(Mated)	IP67(Mated)
.X Mechanical endurance	100+	100+	100+	100+	100+
Temperature Range	-55- ~+125-	-55- ~+125-	-55- ~+125-	-55- ~+125-	-55- ~+125-
N Contacts	W & 9 Machining & Stamping	mW Includes machined terminals	mW Includes machined terminals	W & 9 Machining & Stamping	mW Includes machined terminals
Applications	<p>MooVo7ooy}Lo Heavy-duty equipment, agricultural machinery, automobile, military, new energy, railway, navigation and other equipment requiring interconnection.</p>				



Cx Product Series	A Series C Resistance product	ATF13	A Series 7 Panel custom receptacle	AT Speed Splices	Armor IPX
D Picture					
D PIN	2	2~12	4 x 12	1	ATM 2x12/12 pin AT 12,24,36,48 pin ATS 2x34/34 pin
Shell material	Thermoplastic material	Thermoplastic material	Thermoplastic material	Silicone rubber	Thermoplastic material
Voltage	250V	250V	250V	250V	250V
V Current	NA	13A	13A	13A/25A	7.5A
98 Wire Range	14AWG~22AWG	14AWG~22AWG	14AWG~22AWG	12AWG~20AWG	16AWG~22AWG
Submersion	IP67(Mated)	IP67(Mated)	IP67(Mated)	IP67(Mated)	IP67(Mated)
.X Mechanical endurance	100+	100+	100+	100+	100+
Temperature Range	-55- ~+125-	-55- ~+125-	-55- ~+125-	-55- ~+125-	-55- ~+125-
N Contacts	mW Includes machined terminals	mW Includes machined terminals	W & 9 Machining & Stamping	W & 9 Machining & Stamping	mW Includes machined terminals
Applications	MooVo7ooy}L O Heavy-duty equipment, agricultural machinery, automobile, military, new energy, railway, navigation and other equipment requiring interconnection.			WosDoSoWi Construction, mineral, shipbuilding, agricultural PDKLHDGRWKHRVWWLRPDKLHHOGV	



Cx Product Series	M23A Elite	M23A Checkmate	M23A Standard	M23B Elite
D Picture				
Dy PIN	12,16,17	12,16,17,19	12,16,17,19	6,8{(4+4)/(3+1+4)},9
Shell material	hP , 9el Zinc alloy, pressure casting	hP , 9el Zinc alloy, pressure casting	hP , 9el Zinc alloy, pressure casting	hP , 9el Zinc alloy, pressure casting
9 Voltage	125V~160V	63V~160V	63V~160V	250V~630V
V Current	10A	7A~10A	7A~10A	0.5A~30A
98 Wire Range	18AWG~28AWG	18AWG~28AWG	18AWG~28AWG	12AWG~28AWG
Submersion	IP67(Mated)	IP67(Mated)	IP67(Mated)	IP67(Mated)
.X Mechanical endurance	500+	500+	500+	500+
Temperature Range	-20- ~+130-	-20- ~+130-	-20- ~+130-	-20- ~+130-
N Contacts	W Machining	W Machining	W Machining	W Machining
Applications	vkAkx , Kk-kWky Servo motors, feeder systems for encoders, packaging machinery, robotics, printers, machine tools, medical and automation, etc.			



Cx Product Series	M23B Checkmate	M23B Standard	M23 Hybrid	M23B Extension
D Picture				
D}y PIN	6,8,9(4+5)	6,8,9(4+5)	15{4(Ethernet)+5+6}	8(3+1+4)
} Shell material	hP , 9el Zinc alloy, pressure casting	hP , 9el Zinc alloy, pressure casting	hP , 9el Zinc alloy, pressure casting	hP , 9el Zinc alloy, pressure casting
9 Voltage	30V~630V	30V~630V	30V~630V	30V~630V
V Current	10A~30A	10A~30A	1.2A~30A	0.5A~30A
98 Wire Range	14AWG~28AWG	14~28AWG	14AWG~26AWG	12AWG~28AWG
Submersion	IP67(Mated)	IP67(Mated)	IP67(Mated)	IP67(Mated)
.X Mechanical endurance	500+	500+	500+	500+
Temperature Range	-20- ~+130-	-20- ~+130-	-20- ~+130-	-20- ~+130-
N Contacts	W Machining	W Machining	W Machining	W Machining
Applications	vkAkx , Kk-kWky Servo motors, feeder systems for encoders, packaging machinery, robotics, printers, machine tools, medical and automation, etc.			



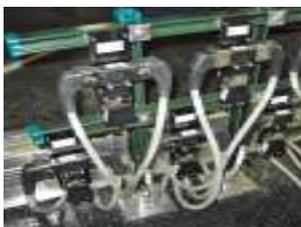
Cx Product Series	Special M23	M17	M40C	MicroBOSS M12
D Picture				
Dy PIN	7,12,16,17,19	17	6,8	3,4,5,8
} Shell material	Machinery processing	hP , 9el Zinc alloy, pressure casting	hP , 9el Zinc alloy, pressure casting	el Precasting
9 Voltage	63V~630V	63V	250V~630V	300V
V Current	7A~28A	3.6A	30A~75A	4A
98 Wire Range	12AWG~28AWG	22AWG~30AWG	8AWG~18AWG	22AWG~26AWG
Submersion	IP67(Mated)	IP67(Mated)	IP67(Mated)	IP67, IP68(Mated)
.X Mechanical endurance	500+	500+	50+	500+
Temperature Range	-20- ~+130-	-20- ~+130-	-20- ~+130-	-20- ~+105-
N Contacts	W Machining	W Machining	W Machining	W & 9 Machining & Stamping
Applications	vkAkx , Kk-kWk y Servo motors, feeder systems for encoders, packaging machinery, robotics, printers, machine tools, medical and automation, etc.			W Industrial automation



Cx Product Series	MicroBoss M12 Ethernet	MiniBOSS M22	MicroBoss M12 X-Code	DeviceNet
D Picture				
D}y PIN	4	2~6	8	5
} Shell material	hP Zinc alloy	hP Zinc alloy	hP Zinc alloy	hP & el Zinc alloy & Precasting
9 Voltage	300V	600V	50V AC, 60VDC	300V
V Current	Cat 5e	8A~13A	Cat 6a 1-10GB, 0.5A	8A
98 Wire Range	24AWG	12AWG~22AWG	24AWG~26AWG	15AWG~24AWG
Submersion	IP67(Mated)	IP67(Mated)	IP67(Mated)	IP68(Mated)
.X Mechanical endurance	500+	500+	500+	500+
Temperature Range	-20- ~+105-	-20- ~+105-	-20- ~+105-	-20- ~+105-
N Contacts	W Machining	W Machining	W Machining	W Machining
Applications	W , W Industrial automation, Industrial Ethernet			



Cx Product Series	PowerBosslite M35	Smart Card C700	(M16) C091 A	(M16) C091 B
D Picture				
Dy PIN	3,4	NA	2~19	2~19
} Shell material	e/P & ei Zinc alloy & Precasting	PK & . Metal & plastic	PK Metal	. Plastic
9 Voltage	600V	NA	250V	250V
v Current	15A~25A	NA	5A	5A
98 Wire Range	10AWG~14AWG	NA	18AWG~28AWG	18AWG~28AWG
Submersion	IP67(Mated)	NA	IP40(Mated)	IP40(Mated)
.X Mechanical endurance	500+	500,000+	500+	500+
Temperature Range	-20- ~+105-	-25- ~+70-	-40- ~+100-	-40- ~+100-
N Contacts	W Machining	/ / M Chip/magnetic strip	W & 9 Machining & Stamping	W & 9 Machining & Stamping
Applications	W Industrial automation	POS kk H.kg Zkvk POS machines, vending machines, ATMs, electronic WDIHRGHVWROOROHWLR systems, set-top boxes	kyyOkkkOk nkZO Communication equipment, detection and measurement, equipment intelligence, power grid, drive control, sensors, wind power signal control	



Cx Product Series	(M16) C091 D	(M16) C091 D+	C091 AISG/RET
D Picture			
D}y PIN	2~19	2~19	2~14
} Shell material	PK Metal	PK Metal	PK Metal
9 Voltage	250V	250V	250V
v Current	5A	10A	5A
98 Wire Range	18AWG~28AWG	18~28AWG	18~28AWG
Submersion	IP67(Mated)	IP68(Mated)	IP67(Mated)
.X Mechanical endurance	500+	500+	500+
Temperature Range	-40- ~+100-	-40- ~+100-	-40- ~+100-
N Contacts	W & 9 Machining & Stamping	W & 9 Machining & Stamping	W & 9 Machining & Stamping
Applications	kyyOkkkOkknZOkWio Communication equipment, detection and measurement, equipment intelligence, power grid, Drive control, sensors, wind power signal control, construction machinery		



Cx Product Series	Ecomate C16-M	Ecomate C16-L	Ecomate C16-3	Ecomate C016-Local
D Picture				
D}y PIN	3+PE, 6+PE	4+PE	2+PE~19+PE	3~12
} Shell material	Plastic	Plastic	Plastic	Plastic
9 Voltage	250/400V	600V	250V~400V	500V
V Current	12A~16A	50A	6A~36A	5~30A
98 Wire Range	14AWG~26AWG	8AWG~14AWG	10AWG~28AWG	/
Submersion	IP65&IP67(Mated)	IP65(Mated)	IP65(Mated)	IP67(Mated)
.X Mechanical endurance	500+	250+	500+	100+
Temperature Range	-40- ~+125-	-25- ~+100-	-40- ~+125-	-40- ~+80-
N Contacts	W & 9 Machining & Stamping	W Machining	W & 9 Machining & Stamping	W Machining
Applications	Ox , q °eo 6RODHHOLKWLDLOWHZHOGLVHLOODHWDI systems, remote control devices, air conditioning systems, photovoltaic.		ZZn K Oo Energy storage, instrumentation, robotics, surveillance.	k°ekko Energy storage, PV, security, lighting.



Cx Product Series	C091 Q	ATP Solar Motion	RJ45
D Picture			
D}y PIN	2~19	3	8
} Shell material	Plastic	Plastic	Plastic
9 Voltage	32V~150V	450V	48V
v Current	3A~10A	23A	1A
98 Wire Range	18AWG~28AWG	12AWG~20AWG	/
Submersion	IP68(Mated)	IP65 & IP67(Mated)	IP67(Mated)
.X Mechanical endurance	500+	100+	500+
Temperature Range	-40- ~+100-	-40- ~+105-	-40- ~+80-
N Contacts	W & 9 Machining & Stamping	W & 9 Machining & Stamping	9 Stamping
Applications	6RODHHOLKWLLOWHZHOGLVHLOODHWDIVVWHPVHPRWHRWRO devices, air conditioning systems, photovoltaic.		ZZn K Oo Energy storage, instrumentation, robotics, surveillance.



Cx Product Series	Military standard MIL-C-5015	SunMate
D Picture		
Dy PIN	1~106	2+PE
} Shell material	PK Metal	. Plastic
9 Voltage	200V~3000V	250V
V Current	13A~150A	30A
98 Wire Range	10AWG~22AWG	10AWG~14AWG
Submersion	IP67(Mated)	IP67(Mated)
.X Mechanical endurance	500+	250+
Temperature Range	-55- ~+125-	-40- ~+100-
N Contacts	W Machining	W Machining
Applications	qkK Aviation, robotics	°e Photovoltaic inverter



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