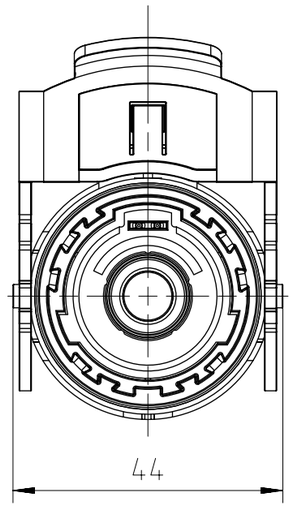
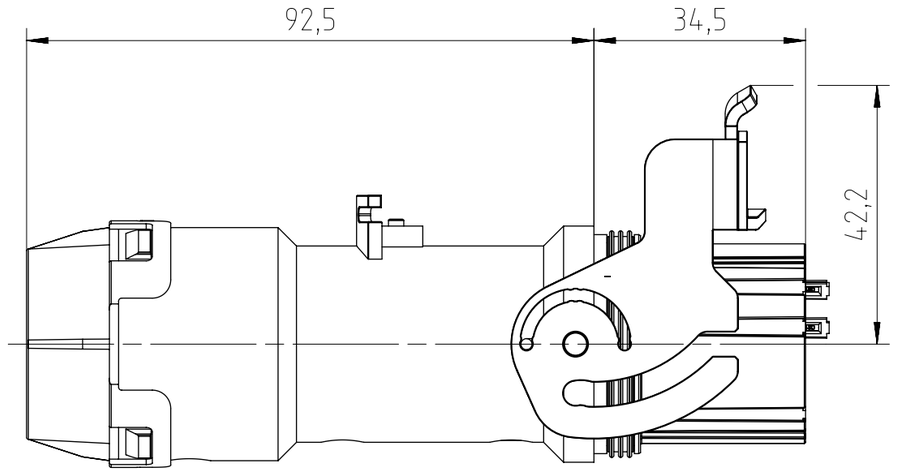
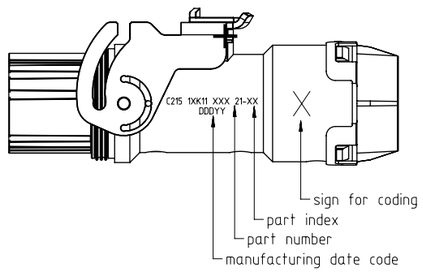
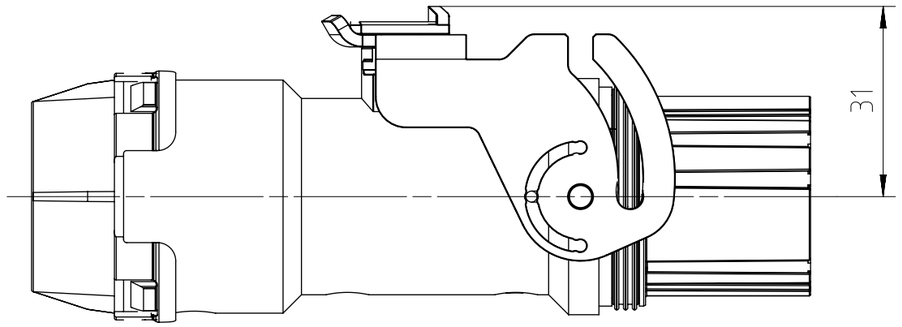
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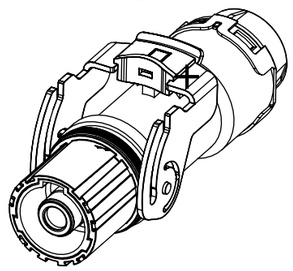


		Power	HVIL
Contacts	Standard	1	2
Rated voltage	IEC 60664-1	1500 VDC	60 VDC
Rated impulse withstand voltage	IEC 60664-1	6000 VDC	500 VDC
Pollution degree	IEC 60664-1	3 (2 in sealed areas)	
Altitude	IEC 60664-1	5000m	
Insulation group	IEC 60664-1	I, CTI ≥ 600	
Current rating	IEC 60512-5-3	520A	3A
Insulation resistance	IEC 60512-3-1	>2x10⁸ Ohm	
Temperatur range		-40°C...+125°C	
IP degree (mated)	IEC 60529	IP 6K9K, IP67	
IP degree (unmated)	IEC 60529	IPXXB	
mechanical operation	IEC 60512-9-1	≥50 mating cycles	
material housing		zinc die cast, nickel plated	
dielectric material		thermoplastic, color orange	
sealing material		silicone	
lever material		steel, nickel plated	
flamability	UL 94	V0	
outdoor usability	UL 746C	f1	
locking system		lever locking with CPA	
cable retention force		>350N	
recommended cable		Huber+Suhner RADOX 155(S)	

Ordering information

Order Number	Coding	wire gauge	cable diameter
C215 1AH11 150 21	A	150mm²	∅ 24,9 ± 0,5
C215 1BH11 150 21	B		
C215 1CH11 150 21	C		
C215 1DH11 150 21	D		
C215 1EH11 150 21	E		
C215 1FH11 150 21	F		
C215 1ZH11 150 21	Z		
C215 1AH11 120 21	A	120mm²	∅ 22,6 ± 0,4
C215 1BH11 120 21	B		
C215 1CH11 120 21	C		
C215 1DH11 120 21	D		
C215 1EH11 120 21	E		
C215 1FH11 120 21	F		
C215 1ZH11 120 21	Z		
C215 1AH11 095 21	A	95mm²	∅ 19,9 ± 0,4
C215 1BH11 095 21	B		
C215 1CH11 095 21	C		
C215 1DH11 095 21	D		
C215 1EH11 095 21	E		
C215 1FH11 095 21	F		
C215 1ZH11 095 21	Z		
C215 1AH11 070 21	A	70mm²	∅ 17 ± 0,3
C215 1BH11 070 21	B		
C215 1CH11 070 21	C		
C215 1DH11 070 21	D		
C215 1EH11 070 21	E		
C215 1FH11 070 21	F		
C215 1ZH11 070 21	Z		

M1:2



Index	Änderung / Description	Datum / Date	Name
03	202300069	10.10.2025	IMOHR
02	202300069	22.04.2024	IMOHR
01	202300069	07.12.2023	IMOHR

Gewicht (errechnet) / *Calc WT* :
Prüfmaß / *Testdimension*
Teileindex / *Partindexnumber*:
minor change:

Zul. Abw. / *Tolerances* : ISO 2768-c
DIN / ISO 13715

Gez. 28.11.2023
Drawn IMOHRLANG
Status Released
Gepr. 10.10.2025
Checked HBENMANAA

Amphenol Tuchel Industrial GmbH

Maßstab / *Scale* : 1:1 | A3

CUSTOMER DRAWING

PowerMate 500 cable conn.
1-pol, with HVIL

M | C215 1XH11 XXX 21

Blatt / *Sheet* 1 | 1 Bl.

Ers. f. / *Replacement for* :

FA2025-003969
NXM-V02

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