









## APPENDIX

### Product description

INTRON-D *plus* Public Address and General Alarm System consisting of <sup>1)</sup>:

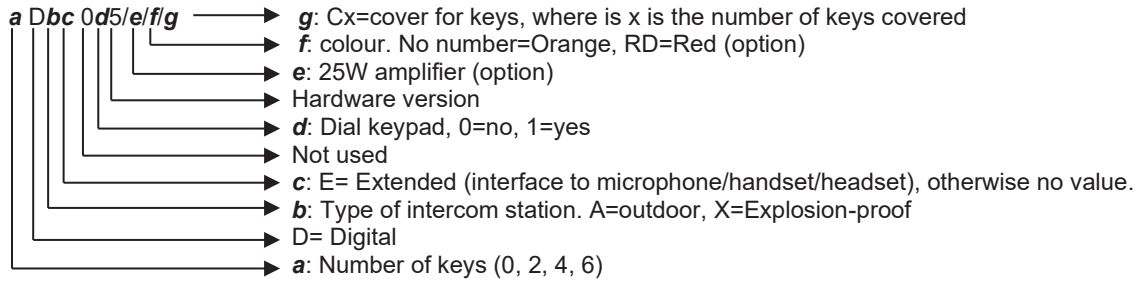
Equipment type	Description	Module	Article no.	SW	Location
Central Cabinet	Central exchange cabinet, 19"	Rittal TS8 or VX25 series			EMC: Class A (All locations except bridge and open deck)
	Digital exchange controller	1 DXC 03/O or 1 DXC 04	341-702-100/O or 341-702-200	10.4 .x	
	Monitoring board for duplex DXC operation	3 DCR 02	341-730-200		
	Monitoring board for duplex DXC operation	3 DCR 03	341-730-300		
	Linecard for 12 digital stations	12 DDL 02	341-710-200	18	
	Linecard for 12 analogue stations	12 DAL 03	341-720-300	14	
	Digital interface board for INTRON-D <i>plus</i> central interconnection	12 DXI 03/E	341-749-100	6	
	Digital interface board for INTRON-D <i>plus</i> central interconnection	12 DXI 03/EMD	341-749-500	6	
		12 DXI 03/ESD	341-749-600	6	
		12 DXI 03/SS	341-749-700	6	
		12 DXI 03/MM	341-749-800	6	
		4 DAP 01/x	315-042-100/x	12	
	Digital Audio Processor, up to 4 channels	4 DAP 31/x	315-042-200/x	12	
		AF level adaption board	342-501-600		
	Analogue Telephone Interface	6 ATI 01	342-301-100		
	Digital I/O board with 8 lines	8 DIO 002	301-435-300	21	
	Digital I/O board with 8 lines	8 DIO 010	301-435-500	16	
	Digital I/O board with 8 lines and isolated power	8 DIO 011	301-435-900	16	
	Relay board	6 ERK 10	342-711-100		
	Relay board	6 EKR 11	342-711-200		
		6 ERK 13	342-711-400		
		6 LME 01	304-110-300	1.x	
	Line Monitoring unit	6 LMT 01	304-114-100		
	DC/DC converter	2 GW 01	309-105-100		
	DC/DC converter	10 GW 05	309-101-300		
		10 GW 65	309-101-400		
		1 PRM 01	309-101-500		
	Digital power amplifier 2x250W/100V	500 DVE 13	304-124-300	12	
	Digital power amplifier 2x250W/100V	500 DVE 13/120	304-124-300/120	12	
	Digital power amplifier 2x250W/100V	500 DVE 03	304-122-300	11	
Digital power amplifier 2x250W/100V	500 DVE 03/120	304-122-300/120	11		
Digital power amplifier 250 W/100 V	250 DVE 13	304-123-300	12		
Digital power amplifier 250 W/100 V	250 DVE 13/120	304-123-300/120	12		
Digital power amplifier 250 W/100 V	250 DVE 03	304-121-300	11		
Digital power amplifier 250 W/100 V	250 DVE 03/120	304-121-300/120	11		
Relay unit for serial control	3 DRU 03	304-128-300			
Digital Control Interface	16 DCI 01	304-127-100	13		
Digital Dual System Interface	2 DDSI 003/x	301-439-500/x	4		
Telephone gateway, ISDN to SIP	Telephone-Gateway Yx S0	342-503-50x			

<sup>1)</sup> Actual configuration may vary based on requirements for individual installations. Only modules listed in certificate are approved for installation.

Equipment type	Description	Module	Article no.	SW	Location
Central Cabinet cont.	Zone Control Unit	9 DCI 01 or 9 DCI 02	304-127-200	4	EMC: Class A (All locations except bridge and open deck)
		6 LME 01	304-110-300	1.x	
		6 DRU 03	304-128-400		
	Key Switch Board	2 UKS 01	343-041-200		
	Entertainment system	2 MR 02/1HE	315-020-200		
		1 DVDM 01	315-026-100		
		1 TM 03	315-024-200		
	Power Supply	PSE-230/48/xx	309-799-50x		
		PSE-120/48/xx	309-799-50x		
		PSA-230/48/xx or PSA-230/60/xx	309-799-1xx		
		PSA-120/48/xx or PSA-120/60/xx	309-799-1xx		
	Power Switch	3,6 NUS 230	309-640-100		
	End-of-line module	1 ELMC 01	304-110-900		
	End-of-line module	1 ELMC 02	304-111-700		
Temperature-controlled cabinet fan	x FL 04 EMV	218-799-4x0			
5-Port Fast-Ethernet PoE Switch	5-Port Fast-Ethernet PoE Switch Offshore	070-028-008			
Call Stations	Digital outdoor intercom station with keypad and 25W amplifier	x DA 0x5 <sup>2</sup>	301-49x-xxx	23	Enclosure: Class C (Exposed) Temp: Class D (-25°C to +70°C)
	Digital outdoor intercom station with keypad, 25 W amplifier and external interface	x DAE 0x5 <sup>2</sup>	301-49x-xxx	23	
	Digital explosion-proof intercom station with keypad and 25W amplifier	x DX 0x5 <sup>2</sup>	301-4xx-xxx	4	
	Digital explosion-proof intercom station with keypad, 25W amplifier and external interface	x DXE 0x5 <sup>2</sup>	301-4xx-xxx	4	
Access Panel	Access Panel desktop intercom station with 7" color touch display	xx AP 701 <sup>2</sup>	301-051-xxx	4.2.x	
Intercom stations	Digital desktop intercom station	12 DT 002 <sup>2</sup>	301-421-200	22	
	Digital desktop intercom station with display	xx DTM 010/O <sup>2</sup>	301-471-xxx/O	31	
	Digital desktop intercom station	xx DT 003 <sup>2</sup>	301-xxx-xxx	39	
	Digital rack or flush-mounted intercom station	xx DExx 003 <sup>2</sup>	301-60x-xxx 301-7xx-xxx	39	
	Offshore Intouch Station Ex-proof	1 DITx 0xx/x <sup>2</sup>	301-598-xxx/x		
	Microphone Station Ex-proof	x MSXx 1xx/x <sup>2</sup>	301-599-xxx/x		
Interface units	Digital dual system interface, IP66, plastic housing	2 DDSI 103	301-439-400	4	Enclosure: Class C (Exposed) Temp: Class D (-25°C to +70°C)
	Digital dual system interface, Ex-proof housing, IP66, aluminium housing	2 DDSIX 113	301-439-700	4	
	Digital dual system interface, Ex-proof housing, IP66, stainless steel housing	2 DDSIX 113/O	301-439-700/O	4	

<sup>2</sup> See below for description of numbering and available options. Model listed in certificate is considered representative for all options.

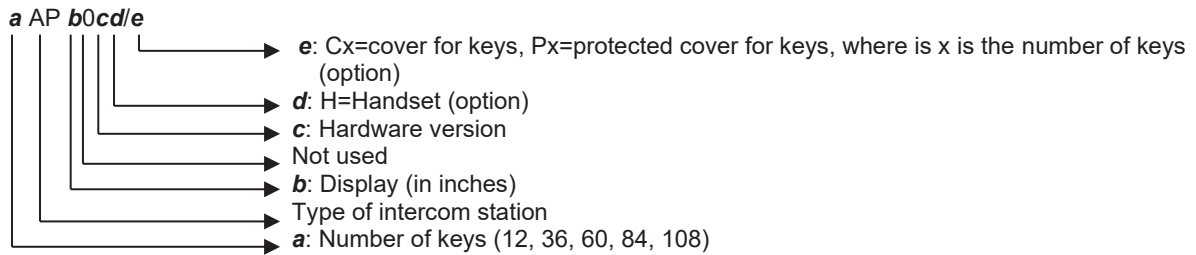
**1. Call station model numbering:**



Example:  
 2 DAE 015/25/RD      Digital outdoor intercom station incl. dial keypad, 1 momentary rocker switch (2 keys), 25 W amplifier and interface to microphone/handset/ headset with colour red.

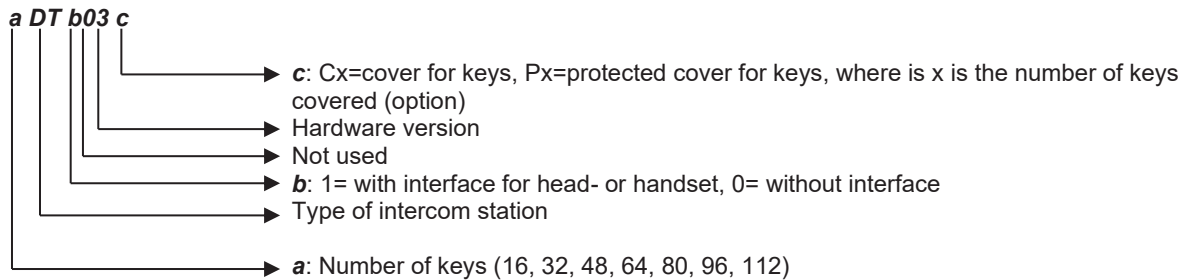
**2. Access panel/ Intercom stations/ /Microphone stations model numbering:**

**AP model**



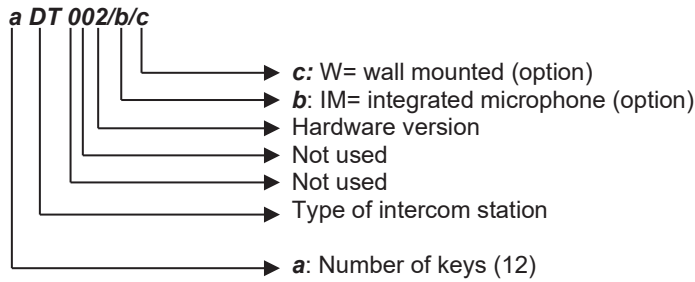
Example:  
 36 AP 701H/P6      Access Panel desktop intercom station with 7" color touch display, 36 keys, handset and protected cover for 6 keys.

**DT model**



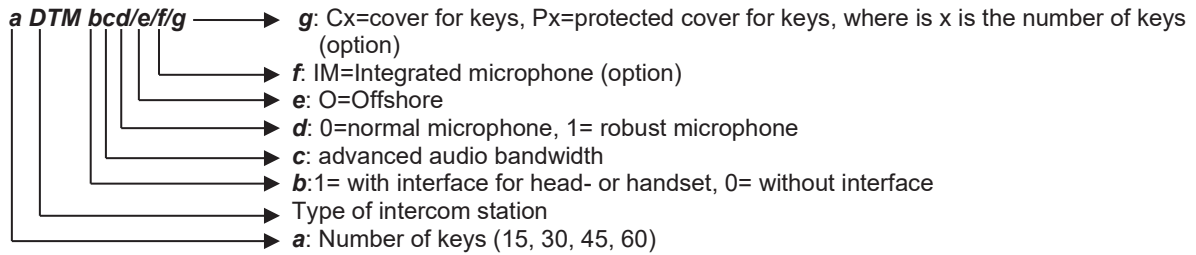
Example:  
 16 DT 003 C4      Digital desktop intercom station, with 16 foil keys and cover for 4 keys.

**12 DT model**



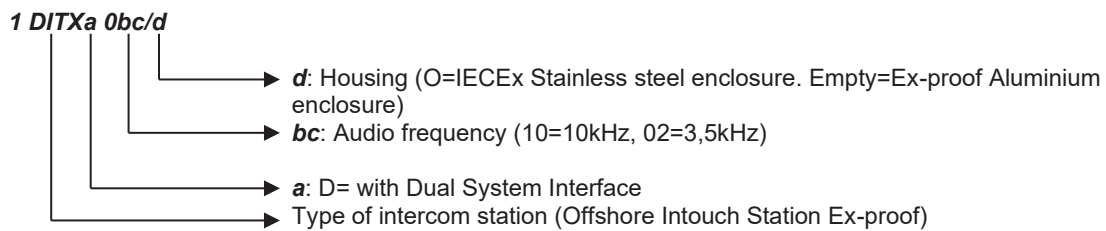
Example:  
 12 DT 002/IM/W Digital desktop intercom station, with 12 keys, integrated microphone for wall mounting.

**DTM model**



Example:  
 15 DTM 010/P6 Digital desktop intercom station with 15 foil keys and protected cover for 6 keys.

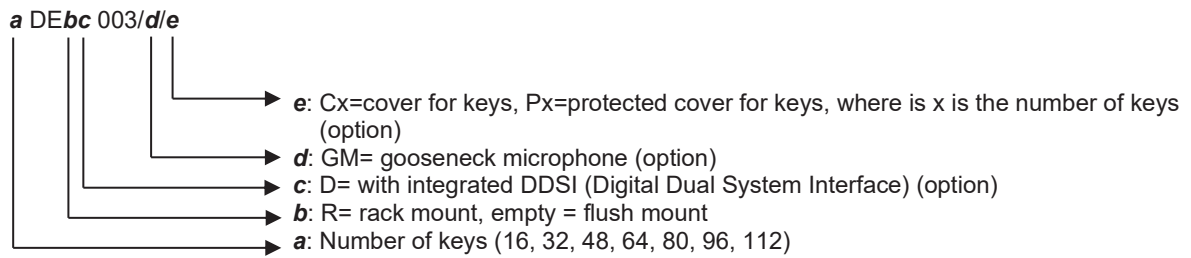
**DITX model**



Example:  
 1 DITX 002/O Offshore Intouch Station Ex-proof, 2,5kHz Audio Frequency and IECEX stainless steel enclosure.

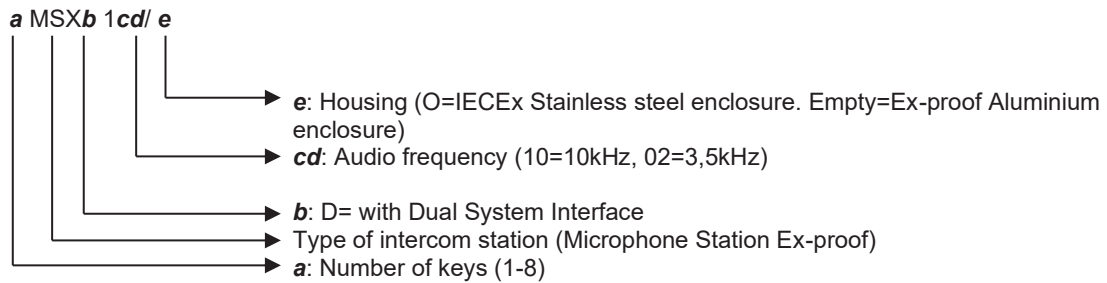


**DE/DER model**



Example:  
 12 DER 003/C6                      Digital rack mount intercom station with 12 keys and cover for 6 keys

**MSX model**



Example:  
 3 MSX 102                      Microphone station with 3 keys, 2,5kHz Audio Frequency and Ex-proof aluminium enclosure