

CATALOGUE INDEX OF DATA SHEETS

Electronic Heating & Air Conditioning Controls

DATA SHEET	PRODUCT	TYPES	DATA SHEET	PRODUCT	TYPES
SENSORS			CONTROLLERS		
AIR			STAND-ALONE		
DS 1.001	Room Temperature Sensors	DR, DRT	DS 2.001	Seven Day Optimiser	SVT
DS 1.002	Room Temperature Sensors with Fan Speed Switches	DRT	DS 2.021	Basic Compensators	CSC
DS 1.003	Duct Temperature Sensor	DDT0001	DS 2.042	Optimiser/Compensator	DC1100
DS 1.020	UNIFACT Room Temperature Sensors with and without Set Value Adjustment & Fan Speed Control	DU, DUS, DUSF	DS 2.042A	– Wiring, Installation & Commissioning Information	DC1100
DS 1.030	Duct Mounting Temperature Sensors for Terminal Unit Controllers	DDU	DS 2.043	DC1100/DC1400 Remote Switch Unit	RMS
DS 1.040	Room Temperature Sensor	DRT4453	DS 2.044	Optimiser/Compensator	DC1400
DS 1.101	Active Room Sensor	DRTE	DS 2.044A	– Wiring, Installation & Commissioning Information	DC1400
DS 1.102	Active Room Sensors with Fan Speed Switches	DRTE	DS 2.101	Pulsed Controllers	CXT
WATER			DS 2.105	Proportional Controllers	CZT
DS 1.203	Water Temperature Sensors	DWT, DST	DS 2.110	Reset Controllers	CXR
DS 1.204	Fast Response Water Sensor	DWT0002	DS 2.120	Proportional plus Integral plus Derivative Controller	KMC
EXTERNAL			DS 2.120A	– Wiring, Commissioning & Application Information	KMC
DS 1.401	Outside Weather Sensors (Wind)	DOW	DS 2.191	Digital Output Module	UNC 1360
DS 1.402	Outside Weather Sensors (Temperature, Sun)	DOT, DOS	DS 2.201	Fan Coil Unit Controllers	CZU
COMBINED HUMIDITY & TEMPERATURE			DS 2.204A	Bonsai ^{LITE} Terminal Unit Controller Controllers	BRC-41N-50X BRC-51N-50X
DS 1.502	Room Humidity and Temperature Sensor	DRH, DRTH	NETWORKING		
DS 1.503	Duct Humidity and Temperature Sensor	DDH, DDTH	DS 2.202A	Bonsai ^{PRO} Terminal Unit Controller Controllers (for MicroNet networks)	BRC-41N-10X BRC-51N-10X
DS 1.504	Room Humidity and Temperature Sensor	DRTH8731	DS 2.203A	Bonsai ^{PRO} Terminal Unit Controller Controllers (for Sigma networks)	BRC-41N-10X BRC-51N-10X
CO₂			DS 2.511	Modem Interface Unit	MIU
DS 1.601	Space CO ₂ Sensor	DRCO2702	DS 2.701	Universal Air Handling Unit Controller with Built-in Time Schedules	MMC4701
DS 1.602	Duct CO ₂ Sensor	DDCO2602	DS 2.701A	– Wiring, Commissioning & Application Information	MMC4701
REMOTE SETTING DEVICES			DS 2.751	District Heating Controller	MMC4601
DS 1.901	Remote Setting Units	RPW/RDE	DS 2.751A	– Wiring, Commissioning & Application Information	MMC4601
DS 1.902	Remote Setpoint Adjusters	RSP	DS 2.801	Universal Multi-Loop Intelligent Advanced Controller	IAC420
DC SENSORS			DS 2.801A	– Wiring, Commissioning and Application Information	IAC420
DS 1.005	Air Sensor for DC1100	A701	DS 2.951	Universal Multi-Loop Intelligent Advanced Controller with Optional Touch Screen	IAC600
DS 1.955	Immersion, Surface and Outdoor Sensors for DC1100	A702-A704	DS 2.951A	– Wiring, Commissioning and Application Information	IAC600



DATA SHEET	PRODUCT	TYPES	DATA SHEET	PRODUCT	TYPES
ACTUATORS			BAS 2800+		
LIGHT DUTY			TERMINAL		
DS 3.002	Light Duty Valve Actuator	AVUE, AVUM, AVUX Mk 5	DS 13.001	Operators Terminal	BAS 2800+
DS 3.201	Light Duty Actuators	RM, XRM	DS 13.002	Dynamic and Historical Logging	Dataview/Dynaview
ZONE			DS 13.003	Animated Active Graphics	Animated Active Graphics
DS 3.010	Zone Valve Actuator	AVU	OUTSTATIONS		
DS 3.011	Zone Valve Actuators	AVE	DS 13.310	UNC 532 Outstation	UNC532
DS 3.030	Zone Valve Actuators	AY	DS 13.320	UNC 496 Outstation	UNC496
ROTARY			DS 13.321	UNC 596 Outstation	UNC596
DS 3.215	Rotary Actuators (Mk 2)	ARM, ARX, ARE	DS 13.341	Analogue & Status Input & Pulse Totalisation Boards	BAS3354 BAS3355
DS 3.220	Rotary Actuators (Mk 7)	ARM, ARX, ARE	DS 13.351	Command Output Board Command Interface Module Analogue Output Board	BAS3356 BAS3357 BAS3365 BAS3361
DS 3.305	Rotary Actuators (Spring Return)	RMS, RXS, RES 15Nm	DS 13.355	Input/Output Modules	579-1-360 579-1-359
DS 3.310	Rotary Actuators (Spring Return)	RMS, RXS, RES 4Nm	DS 13.380	Keypad	BAS1455
LINEAR			FIELD CONTROLLERS		
DS 3.401	Linear Actuators	ALM, ALX, ALE	DS 13.301	UNIFACT Networking Unitary Controller	URC 1201/2201
DS 3.501	Spring Return Linear Actuators	ALMS, ALXS, ALES	DS 13.301A	- Wiring, Commissioning and Applications	URC 1201/2201
DS 3.601	Intelligent Linear Actuators	ALI	COMMUNICATIONS		
VALVES			DS 13.410	Network Interface Unit Type 2	NIU
ZONE			INTEGRATION		
DS 4.001	Zone Valves	ZY	DS 13.005	Flexima PCD	PCD
UNIT			DS 13.302	UNIFACT Interface Unit	579-1-662
DS 4.101	2, 3 and 4 Port Unit Valves	VEU, MEU, FEU	DS 13.501	Wormald Fire PIU	PIU
BONSAI			DS 13.502	Simplex Fire System PIU	PIU
DS 4.102	Bonsai ^{PRO} Fan Coil Control Loop	BFB	DS 13.503	Protec AN 95 PIU	PIU
DS 4.103	Bonsai ^{LITE} Fan Coil Control Loop	BFB	DS 13.504	Pyrotronics Fire PIU	PIU
LINEAR			DS 13.520	C-CURESystem 1 Plus PIU	PIU
DS 4.401	Seat Valves (Low Duty)	VZX	DS 13.521	Guardall Site Controller PIU	PIU
DS 4.410	Seat Valves	VZ, VZF, VSF	DS 13.523	Cardkey Pegasys 1000 PIU	PIU
DS 4.601	Seat Valves (Low Duty)	MZX	DS 13.570	Otis Lift PIU	PIU
DS 4.610	Seat Valves	MZ, MZF, MJF	DS 13.571	Express Lift PIU	PIU
ROTARY			DS 13.581	ASIC Mk3 PIU	PIU
DS 4.501	Rotary Valves	MB, MBF	DS 13.587	Colt PIU	PIU
VALVE SIZING CHART			DS 13.588	SNP Interface (Mk 2)	PIU
DS 4.950	Valve Sizing Charts for Water & Steam	-	DS 13.589	UNIFACT Interface (Mk 2)	PIU
LINKAGES			DS 13.590	Mitsubishi City Multi PIU (Mk 2)	PIU
DS 5.001	Linkage kits for Rotary Valves and Dampers - for AR Mk 2 Actuators	LK2701 LK2702 866-2-407	DS 13.591	MicroNet 2000 Interface PIU (Mk 2)	PIU
DS 5.010	Linkage Kits for Dampers - for 'AR Mk 7' Actuators	826-7-902	DS 13.610	Autoflame PIU	PIU
DS 5.020	Linkage Kits for Linear Actuators	LNK LS01, HW01, FS01, FS02, HY01, HY02 LNK IN01, IN02 LNK LS51, LS52, LS53, HW51, HW52, HW53, CT51-54	DS 13.620	Carrier PIU	PIU
			DS 13.621	York PIU	PIU
			DS 13.623	McQuay PIU	PIU
			DS 13.640	BACnet PIU	PIU
			DS 13.662	Mitsubishi PLC PIU	PIU
			DS 13.663	IMPACC SwitchGear PIU	PIU
			DS 13.664	Autometers PIU	PIU
			DS 13.665	Delmatic ZMC PIU	PIU
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			DS 13.667	Fidelio PIU	PIU
			DS 13.668	Atlas Copco PIU	PIU
			DS 13.671	Crompton PIU (Mk 2)	PIU
			DS 13.672	Modbus/JBUS PIU (Mk 2)	PIU
			DS 13.701	Satchwell Pager Interface PCD	SPI
			DS 13.703	Generic CCTV PCD	PCD

OPTIONS RANGE OF ANCILLARY COMPONENTS**THERMOSTATS**

DS 21.001	Duct and Water Thermostats	TDR/TDC/TWK
DS 21.002	Water Immersion Thermostats	TWL/TWM
DS 21.003	Strap On Water Thermostat	TSM
DS 21.004	Freeze Thermostats	TCL

PRESSURE SWITCHES

DS 21.601	Air Differential Pressure Switch	SPA
DS 21.603	Universal Differential Pressure Switches	SPA1501, 2, 3, 4
DS 21.651	Universal Pressure Switch	SPA1505, 6

AIR PRESSURE AND VELOCITY SENSORS

DS 21.606	Differential Air Pressure Sensor	DDP
DS 21.671	Air Velocity Sensor	DDV

FLOW SWITCHES

DS 21.670	Water and Air Flow Switches	SFW, SFA
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RELAY UNITS

DS 21.685	RB1 Relay Unit	RB1
DS 21.686	RB2 Relay Unit	RB2

VALVES

DS 24.001	2 and 3 Port Zone Valves	ZVX
DS 24.020	2, 3 & 4-Port Electro-Thermic Valves	VEX, MEX, FEX, AVX, AVM

TRANSFORMERS

DS 25.001	230Vac to 24Vac Isolating Transformers	TR1 to TR5
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TRANSDUCERS

DS 25.021	Electro Pneumatic Transducer	EPT7401
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VARIABLE SPEED DRIVES

DS 25.040	Variable Speed Drives	VSD6000
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