

Datatype [1]	Mandatory	Data constraints [2]	Field names	Comments
Object			Scheme	
			SchemeCode	Always "NA". Deprecated.
			SchemData	
			OrganisationName	Always "NA". Deprecated.
			Website	Always "NA". Deprecated.
			TelephoneNo	Always "NA". Deprecated.
Array of Objects			ChargeDevice	
String	Yes	max_len=32	ChargeDeviceId	Hexadecimal identifier for chargepoint generated by MCR database
String		max_len=18	ChargeDeviceRef	Operator's own unique reference for chargepoint. 18 characters max.
String		max_len=75	ChargeDeviceName	Operator's meaningful name for the chargepoint. E.g. "Newtown Swimming Pool CP1". 75 characters max.
String		max_len=unlimited	ChargeDeviceText	Device description. Sometimes used for payment related information.
Object			ChargeDeviceLocation	
Number		regex=[+][0-9]{9}[0-9]{6}	Latitude	Latitude, e.g. "51.431454"
Number		regex=[+][0-9]{9}[0-9]{6}	Longitude	Longitude, e.g. "-0.419318"
Object			Address	
String		max_len=30	SubBuildingName	Sub building name. Rarely used.
String		max_len=30	BuildingName	Building name. Commonly used. Can also be used to identify car parks.
String		max_len=255	BuildingNumber	Building number. The number on the street, e.g. 12a
String		max_len=255	Thoroughfare	Thoroughfare. Immediate street or road location. Sometimes used.
String		max_len=255	Street	Street. Main street or road location.
String		max_len=35	DoubleDependantLocality	Immediate locality. E.g. "Ourtown Business Park"
String		max_len=35	DependantLocality	Locality. E.g. Borough or vilage.
String		max_len=30	PostTown	Post Town
String		max_len=255	County	County. For unitary authorities you may use borough, or ceremonial county.
String		max_len=8	PostCode	Postcode
String		max_len=255	Country	Generally United Kingdom. Represented as "gb" in database.
String		max_len=32	UPRN	UPRN. Generally not used.
String		max_len=255	LocationShortDescription	Location short text description. Optional help text for finding the chargepoint.
String		max_len=unlimited	LocationLongDescription	Location long text description. Optional longer help text for finding the chargepoint.
String		max_len=100	ChargeDeviceManufacturer	Chargepoint device manufacturer. See drop-down list of manufacturers on <a href="http://chargepoints.dft.gov.uk">http://chargepoints.dft.gov.uk</a>
String		max_len=255	ChargeDeviceModel	Chargepoint device model. A free format description.
Integer	Yes	regex=(0 1)	PublishStatusID	Status of whether device information is published to public NCR. "Published" or "Unpublished".
DateTime	Yes		DateCreated	Date chargepoint record created. Logged by NCR.
DateTime	Yes		DateUpdated	Date chargepoint updated. Logged by NCR.
String		max_len=55	Attribution	Organisation.Name of owner/controller/network.
DateTime			DateDeleted	Date chargepoint deleted. Logged by NCR.
Array of Objects			Connector	
Integer		regex=[0-1]{1,11}	ConnectorId	1-based sequence ID, unique for each connector on a chargepoint.
String		max_len=45	ConnectorType	Taken from ConnectorType. ConnectorType column. See drop-down list on <a href="http://chargepoints.dft.gov.uk">http://chargepoints.dft.gov.uk</a>
Number		regex=[0-9]{1,5}[0-9]	RatedOutputkW	Rated output power of connector. kW. See drop-down list on <a href="http://chargepoints.dft.gov.uk">http://chargepoints.dft.gov.uk</a>

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Integer		regex=[0-1]{1,11}	RateOutputVoltage	Rated output voltage of connector. Volts. Derived by NCR from other connector information.
Integer		regex=[0-1]{1,11}	RateOutputCurrent	Rated output current of connector. Amps.
String		max_len=255	ChargeMethod	Connector's charge method of Supply. "Single phase AC", "3 phase AC" or "DC".
Integer		regex=[0-9]{0,4}	ChargeMode	Connector charge mode. Typically "1", "3" or "4"
String		max_len=35	ChargePointStatus	Likely taken from status of ChargeDevice - value must be one of "In service", "Out of service" or "Planned".
Integer		regex=(0 1)	TetheredCable	Does the connector have a tethered cable? 0 or 1, indicating true or false.
String		max_len=unlimited	Information	Connector information text, max_len=65535
Integer		regex=[0-9]{0,4}	Validated	Always 0. Deprecated.
Object			DeviceOwner	
String		max_len=55	OrganisationName	Owner organization name. Set by NCR dependant on login.
String		max_len=18	SchemeCode	NCR allocated organization code
String		max_len=75	Website	Owner organization website address.
String		max_len=35	TelephoneNo	Owner organization's phone number. Integers and spaces only.
Object			DeviceController	
String		max_len=55	OrganisationName	Controller organization name. Set by NCR dependant on login.
String		max_len=18	SchemeCode	NCR allocated organization code
String		max_len=75	Website	Controller organization website address.
String		max_len=35	TelephoneNo	Controller organization's phone number. Integers and spaces only.
Object			DeviceAccess	
Array of Objects			RegularOpenings	Monday to Sunday...
String		max_len=10	Days	
Object			Hours	
String		regex=([01]?[0-9][2[0-3]):-[0-5][0-9]	From	Time value of the form, HH:MM
String		regex=([01]?[0-9][2[0-3]):-[0-5][0-9]	To	Time value of the form, HH:MM
Boolean		(true false)	Open24Hours	0 = False. 1 = True.
String		list item max_len=55	DeviceNetworks	Comma-separated list of named networks.
String		max_len=35	ChargeDeviceStatus	Value must be one of "In service", "Out of service" or "Planned".
String		max_len=100	PublishStatus	Value must be one of "Published", "Unpublished" or "Saved"
Integer		regex=[0-9]{0,4}	DeviceValidated	Always 0. Deprecated.
String		regex=[Y N]	RecordModerated	Moderated by organization nominated moderator.
DateTime			RecordLastupdated	Logged by NCR.
String		max_len=20	RecordLastUpdatedBy	Always either empty or "NCR Admin".
Boolean		(true false)	PaymentRequiredFlag	0 = False. 1 = True.
String		max_len=255	PaymentDetails	Payment details. Up to 255 characters.
Boolean		(true false)	SubscriptionRequiredFlag	0 = False. 1 = True.
String		max_len=255	SubscriptionDetails	Subscription details. Up to 255 characters.
Boolean	Yes	(true false)	ParkingFeesFlag	0 = False. 1 = True.
String		max_len=255	ParkingFeesDetails	Parking fees details. Up to 255 characters.
String		max_len=255	ParkingFeesUrl	NCR doesn't restrict this to URLs - can be any string.
Boolean	Yes	(true false)	AccessRestrictionFlag	0 = False. 1 = True.
String		max_len=unlimited	AccessRestrictionDetails	Text field, max_len=65535

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Boolean		(true false)	PhysicalRestrictionFlag	0 = False. 1 = True.
String		max_len=unlimited	PhysicalRestrictionText	Text field, max_len=65535
Boolean		(true false)	OnStreetFlag	0 = False. 1 = True.
String		max_len=100	LocationType	Location type, e.g. "On street", "Public car park". See drop-down list on <a href="http://chargepoints.dft.gov.uk">http://chargepoints.dft.gov.uk</a>
String		max_len=18	Bearing	Always null. Deprecated.
Boolean		(true false)	Accessible24Hours	0 = False. 1 = True.

[1] Possible valid datatypes:

String,  
Number,  
Object,  
Array,  
Boolean

[2] Constraints may include:

non-null,  
min/max string length,  
valid characters,  
max/min value,  
valid regex pattern