

Ex-Handy 08



**THORNE &
DERRICK**
INTERNATIONAL

Thorne & Derrick

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www.heatingandprocess.com



CERTIFICATION

ATEX



- ⊗ II 2G Ex ib IIC T4 Gb IP64
- ⊗ II 2D Ex ib IIIC T130°C Db IP6X

IECEX



- North America (USA / Canada)
- Ex ib IIC T4 Gb IP64
- Ex ib IIIC T130°C Db IP6X

NEC



- North America (USA / Canada)
- Class I, Division 1, Groups A, B, C, D T4
- Class II, Division 1, Groups E, F, G T4
- Class III, Division 1

SCOPE OF DELIVERY

- Ex-Handy 08
- Rechargeable battery
- Battery charger TCH 07
- Safety box
- Belt clip
- Screwdriver
- Instruction manual
- Documentation

ZONE 1 / 21. DIV. 1



Intrinsically Safe mobile phone **Ex-Handy 08**

FOR ZONE 1 / 21, DIVISION 1

RANGE OF FUNCTIONS

- Bluetooth® 3.0 (DUN, OPP, SAP, HSP, HFP, FTP, A2DP, AVRCP, PBAP)
- 3G HSPA/GSM/GPRS/EDGE
- PUSH-TO-TALK (server-dependent)
- MMS
- Native e-Mail-client (POP3/SMTP, IMAP4)
- WAP 2.0 (XHTML) browser
- Java™ 2.0 ME (CLDC 1.1)
- Integrated Office functionality
- Contact, calendar and message synchronisation with MS® Outlook®
- Free software for data transfer and synchronisation
- A-GPS
- Lone Worker Protection (see page 8)
- Bright LED torch
- Rugged 2 megapixel camera with LED flash and video function (optional)
- Slot for microSD cards up to 16 GB
- Scratch and impact-resistant Gorilla-Glass™ display
- Vibration alert



ZONE 1 / 21

DIVISION 1

LOYAL AND FAITHFUL

The accessories catalogue as well as ecom's professional support will be available for succeeding product models, including spare parts, within three years from discontinuation of the product family.



TECHNICAL DATA	
Networks	Quad band GSM 850 / 900 / 1800 / 1900 MHz Triband UMTS/WCDMA band 1, band 4, band 8 (EU) or band 1, band 2, band 5 (US)
Data transfer	GPRS & EDGE class 12 HSDPA category 7/8 (7,2 mbits/s) HSUPA category 6 (5,6 mbits/s)
Display	5 cm (2 inch) LCD (240 x 320 pixels)
Power supply	1,280 mAh Li-Ion (SC battery) or 1,960 mAh Li-Ion (HC battery)
Talk /standby time	approx. 4,5 hrs / max. 250 hrs (with SC battery) approx. 7 hrs / max. 400 hrs (with HC battery)
Charging time	approx. 3 hrs / 4 hrs (SC / HC battery)
Dimensions	126 x 60 x 25 mm (5" x 2.4" x 1") without battery
Weight (including SC / HC battery)	approx. 200 g (7.1 oz) / 220 g (7.8 oz)
Ambient temperature Ta	-20 °C ... +55 °C (-4°F ... +131°F)
IP protection class	IP68 (30 minutes, 2 metres under water)

To help find your ideal mobile phone solution, head to www.intrinsically-safe-mobile.com and use our tailored product finder.

Assesories[□]DCH

DESKTOP CHARGER DCH

Charging cradle with DC-input for charging your intrinsically safe mobile phone and spare battery at the same time.



TECHNICAL DATA

Dimensions	116 x 84 x 58 mm (4.6" x 3.3" x 2.3")
Weight	approx. 132 g (4.66 oz)
Input voltage	100V - 240V / 50-60 Hz / max. 200 mA
Output voltage	5V / max. 3100 mA
Charging time	max. 4h (depending on battery type and charging status)
Operating temperature	0 °C - +40 °C (+32 °F - +104 °F)
Storage temperature	-20 °C - +55 °C (-4 °F - +131 °F)

RANGE OF FUNCTIONS

- Powerful enough to maintain a short charge time when both the phone and spare battery are simultaneously charging. External wall plug transformer with exchangeable plugs.
- Ready-to-use. No additional Safety box needed.
- Cradle housing with rubber feet plus the possibility to screw it down.
- Spare battery lock mechanism meaning no need to fasten screws while charging.
- Notch for Torx T8 (Zone 1/Division 1 batteries) and slotted screwdriver (Zone 2/Division 2 & Generic (battery covers).
- Spare battery charge indicator via Dual color LED.
- Charging status of the mobile phone indicated on the phone's display incl. Auto LCD-off for energy saving.
- Function keys of the mobile phone accessible while cradle.
- Phone stays upright in the cradle for increased user comfort with LWP enabled devices.
- It makes 24/7 usage of your LWP device possible.

DCH

ALWAYS
READY TO USE



DESIGNED FOR USE WITH



- Ex-Handy 08
- Ex-Handy 08 LWP
- Ex-Handy 07
- Ex-Handy 07 LWP
- Ex-HSPA 08
- Ex-HSPA 08 LWP
- Ex-GSM 07
- All complementary Generic devices



- Ex-BPH 08 SC / HC
- Ex-BPH 07 SC / HC
- Ex-BPH 28
- Ex-BPG 07
- All complementary Generic batteries

BATTERIES EX-HANDY 08		BATTERIES EX-HSPA 08		
Ex-BPH 08 SC (ATEX / IECEx / NEC)	Ex-BPH 08 HC (ATEX / IECEx / NEC)		Ex-BPH 28 (ATEX / IECEx / NEC)	NFC-Battery cover (ATEX/IECEx)
				
A0000501	A0000502		A0050200	A0050220
CHARGER EX-HANDY 08 / EX-HSPA 08				
TCH 07 EU Charger	TCH 07 UK Charger	TCH 07 US Charger	TCH 07 AU Charger	TCH 07 CN Charger
				
A0002236	A0002237	A0002238	A0002239	A0002255
GENERAL ACCESSORIES ZONE 1 / DIV. I		GENERAL ACCESSORIES ZONE 2 / DIV. II		ZONE 1 & 2
SBH 07 Safety box	Screwdriver Torx 08	USB Data cable	Screwdriver	CCH 07 Car charger
				
A0002235	A0002226	A0000638	A0000639	A0002242
HEADSETS / SPEAKER				
ComCom Ex	Serenity SPC Ex	Stereo-Headset (non-Ex)	Ex-RSM Aurelis BT	
				
A0000960	AS000960	A0002241	A0002241	

VEHICLE MOUNTS				
Phone holder	„Gooseneck“ vehicle mount, screw installation	„360° gooseneck suction mount“	Adapter plate for suction mount, 70 mm, self-adhesive	Adapter plate for suction mount, 70 mm, screwable
				
A0000193	A0000191	A0000188	A0000189	A0000190
Air vent mount				
				
A0000192				
LEATHER CASES		BELT LOOPS		
LCH 07 leather case with belt clip	LHH 07 leather holster	Belt loop for belts up to 45 mm wide	Belt loop with metal bracket incl. 12mm metal holder Stock	Belt loop for belts up to 65 mm wide
 	 	 	 	
A0002225	A0002247	A0000128	A0000129	A0000132
BELT CLIPS				
Belt clip with fixed spring	Belt clip incl. 12mm holder	12 mm plastic holder for clips and belt loops	12 mm metal holder for clips and belt loops	BCH 07 Belt clip
 	 	 	 	 
A0000131	A0000127	A0000130	A0000133	A0002240



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