

# DIN CWA 14050-5:2001-04 (E)

Extensions for financial services (XFS) interface specification - Release 3.0 - Part 5: Cash dispenser device class interface; (English Version CWA\_14050-5:2000)

## Table of Contents

Foreword .....	4
1. Introduction .....	6
1.1 Background to Release 3.0.....	6
1.2 XFS Service-Specific Programming.....	6
2. Cash Dispensers .....	8
3. References.....	9
4. Info Commands.....	10
4.1 WFS_INF_CDM_STATUS.....	10
4.2 WFS_INF_CDM_CAPABILITIES.....	13
4.3 WFS_INF_CDM_CASH_UNIT_INFO .....	15
4.4 WFS_INF_CDM_TELLER_INFO .....	20
4.5 WFS_INF_CDM_CURRENCY_EXP .....	22
4.6 WFS_INF_CDM_MIX_TYPES.....	23
4.7 WFS_INF_CDM_MIX_TABLE .....	24
4.8 WFS_INF_CDM_PRESENT_STATUS .....	25
5. Execute Commands.....	26
5.1 WFS_CMD_CDM_DENOMINATE .....	26
5.2 WFS_CMD_CDM_DISPENSE.....	28
5.3 WFS_CMD_CDM_COUNT.....	31
5.4 WFS_CMD_CDM_PRESENT .....	33
5.5 WFS_CMD_CDM_REJECT.....	34
5.6 WFS_CMD_CDM_RETRACT.....	34
5.7 WFS_CMD_CDM_OPEN_SHUTTER .....	35
5.8 WFS_CMD_CDM_CLOSE_SHUTTER.....	36
5.9 WFS_CMD_CDM_SET_TELLER_INFO .....	36
5.10 WFS_CMD_CDM_SET_CASH_UNIT_INFO .....	37
5.11 WFS_CMD_CDM_START_EXCHANGE .....	38
5.12 WFS_CMD_CDM_END_EXCHANGE.....	40
5.13 WFS_CMD_CDM_OPEN_SAFE_DOOR .....	41
5.14 WFS_CMD_CDM_CALIBRATE_CASH_UNIT.....	41
5.15 WFS_CMD_CDM_SET_MIX_TABLE .....	42
5.16 WFS_CMD_CDM_RESET .....	43
5.17 WFS_CMD_CDM_TEST_CASH_UNITS .....	44
6. Events .....	46
6.1 WFS_SRVE_CDM_SAFEDOOROPEN .....	46
6.2 WFS_SRVE_CDM_SAFEDOORCLOSED.....	46

6.3	WFS_USRE_CDM_CASHUNITTHRESHOLD .....	46
6.4	WFS_SRVE_CDM_CASHUNITINFOCHANGED .....	46
6.5	WFS_SRVE_CDM_TELLERINFOCHANGED .....	47
6.6	WFS_EXEE_CDM_DELAYEDDISPENSE .....	47
6.7	WFS_EXEE_CDM_STARTDISPENSE.....	47
6.8	WFS_EXEE_CDM_CASHUNITERROR.....	47
6.9	WFS_SRVE_CDM_ITEMSTAKEN .....	48
6.10	WFS_SRVE_CDM_COUNTS_CHANGED.....	48
6.11	WFS_EXEE_CDM_PARTIALDISPENSE.....	48
6.12	WFS_EXEE_CDM_SUBDISPENSEOK.....	49
6.13	WFS_EXEE_CDM_INCOMPLETEDISPENSE.....	49
6.14	WFS_EXEE_CDM_NOTEERROR.....	49
6.15	WFS_SRVE_CDM_ITEMSPRESENTED.....	49
6.16	WFS_SRVE_CDM_MEDIADETECTED.....	49
7.	Sub-Dispensing Command Flow.....	51
8.	Rules for Cash Unit Exchange.....	54
9.	C - Header file .....	55