

# MAXIMUM NUMBER OF SUPPORTED CYCLIC FIELDBUS WORDS

## Description:

What is the maximum number of supported cyclic (16 Bit) words for each drive product?

## Answer:

Maximum number of supported cyclic (16 Bit) words for each product											
Protocol	Adapter	Profile	Drive Product Catalog Number								
			ACS350	ACS355	E-Clipse	ACS850	ACSM1	ACx550	ACS800	DCS800	ACS880
ControlNet	RCNA-01	ABB Profile	x	x	x	x	x	15	12	12	x
		ODVA Profile	x	x	x	x	x	15	12	12	x
	FCNA-01	ABB Profile	x	13	x	13	13	15	12	12	13
		ODVA Profile	x	13	x	13	13	15	12	12	13
		Transparent 16	x	13	x	13	13	x	x	x	13
Transparent 32	x	16	x	16	16	x	x	x	16		
DeviceNet	FDNA-01	ABB Profile	13	13	13	13	13	x	x	x	13
		ODVA Profile	13	13	13	13	13	x	x	x	13
		Transparent 16	x	13	13	13	13	x	x	x	13
		Transparent 32	16	16	16	16	16	x	x	x	16
	RDNA-01	ABB Profile	x	x	x	x	x	15	12	12	x
ODVA Profile	x	x	x	x	x	15	12	12	x		
Ethernet/IP	FENA-01	ABB Profile	13	13	13	x	x	x	x	x	x
		ODVA Profile	13	13	13	x	x	x	x	x	x
		Transparent 16	x	13	13	x	x	x	x	x	x
		Transparent 32	16	16	16	x	x	x	x	x	x
	FENA-11	ABB Profile	x	x	x	13	13	x	x	x	13
		ODVA Profile	x	x	x	13	13	x	x	x	13
		Transparent 16	x	x	x	13	13	x	x	x	13
		Transparent 32	x	x	x	16	16	x	x	x	16
	FENA-21	ABB Profile	x	13	13	13	13	x	x	x	13
		ODVA Profile	x	13	13	13	13	x	x	x	13
		Transparent 16	x	13	13	13	13	x	x	x	13
		Transparent 32	x	16	16	16	16	x	x	x	16
	RETA-01	ABB Profile	x	x	x	x	x	15	12	12	x
ODVA Profile		x	x	x	x	x	15	12	12	x	

Author: Jeff Fell – Application Eng.		Date: August 2015
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		Revision: C
Product Categories: ACS350, ACS355, ACS550, ACH550, E-Clipse, ACS850, ACSM1, ACS800, DCS800, ACS880		



Protocol	Adapter	Profile	Drive Product Catalog Number								
			ACS350	ACS355	E-Clipse	ACS850	ACSM1	ACx550	ACS800	DCS800	ACS880
EtherCAT	FECA-01	ABB Profile	15	15	15	15	15	x	x	x	15
		CIA402	15	15	15	15	15	x	x	x	15
	RECA-01	ABB Profile	x	x	x	x	x	15	12	12	x
		CIA402	x	x	x	x	x	15	12	12	x
ProfiBus	FPBA-01	ABB Profile	10*	10*	10*	10*	10*	x	x	x	12*
		ProfiDrive	10*	10*	10*	10*	10*	x	x	x	12*
	RPBA-01	ABB Profile	x	x	x	x	x	10*	10*	10*	x
		ProfiDrive	x	x	x	x	x	10*	10*	10*	x
ProfiNet	FENA-01	ABB Profile	x	10*	10*	x	x	x	x	x	x
		ProfiDrive	x	10*	10*	x	x	x	x	x	x
	FENA-11	ABB Profile	x	x	x	10*	10*	x	x	x	12*
		ProfiDrive	x	x	x	10*	10*	x	x	x	12*
	FENA-21	ABB Profile	x	10*	x	10*	10*	x	x	x	12*
		ProfiDrive	x	10*	x	10*	10*	x	x	x	12*
	RETA-02	ABB Profile	x	x	x	x	x	10*	10*	10*	x
		ProfiDrive	x	x	x	x	x	10*	10*	10*	x

**Documents or other reference material:**

None

**Corrective Actions:**

None

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