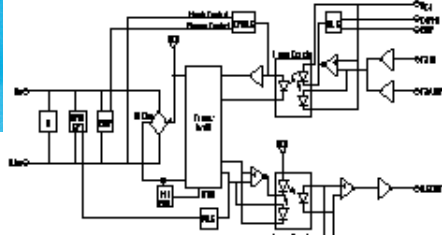
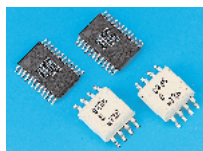


Channels	Pin Out	Isolation ac Test Voltage (V _{rms})	Curr. Trsr Ratio min (%) @ I _f (mA)	Switching Time (μs) typ. t _{on} T _{off}	Mfrs. List No.
High CTR					
Single	a	3000	63	10 3.0 2.8	QT MOC206-M
Single	a	3000	20	10 7.5 5.7	QT MOC211-M
Single	a	3000	100	1.0 7.5 5.7	QT MOC217-M
Single	a	2500	63	10 3.0 3.0	INFINEON IL206A
Single	a	2500	100	10 3.0 3.0	INFINEON IL213A
Single	c	2500	500	1.6 4.0 6.0	INFINEON SFH6319
Dual	b	3000	100	10 3.0 2.8	QT MOCD207-M
Dual	b	2500	63	10 5.0 4.0	INFINEON ILD206
Dual	b	2500	100	10 5.0 4.0	INFINEON ILD213
High Speed					
Single	e	2500	19	16 0.25 0.5	INFINEON SFH6316
Single	d	2500	15	16 0.25 0.5	INFINEON SFH6343
Darlington Output					
Single	f	3000	500	1.0 3.5 95	QT MOC223-M
Dual	g	3000	500	1.0 3.5 95	QT MOCD223-M
Dual	h	2500	500	1.0 15 30	INFINEON ILD223T

Mfrs. List No.	Order Code	1+	25+	100+	250+	500+
MOC206-M	885-575					
MOC211-M	885-599					
IL206A	542-064					
IL213A	542-076					
MOCD207-M	885-769					
MOCD217-M	885-782					
ILD206	542-088					
ILD213	542-090					
SFH6316	567-759					
SFH6319	567-772					
SFH6343	567-784					
MOC223-M	885-617					
MOCD223-M	885-794					
ILD223T	143-480					

Optical Data Access Arrangement Kit (DAA)

Optical DAA (Data Access Arrangement Kit)



- V.32 and V.34 compatibility
- Supports ring detect and wake on ring
- Snoop mode provides for caller ID and voice/fax/data steer functions
- Current consumption in snoop mode ≤1mA
- 3V Modem side operation
- Line current sense
- On hook line voltage measurement

The DAA2000 is a kit of 4 slimline surface mount integrated circuits comprising a DL207 line side IC, DM207 modem side IC and 2 IL388 optocouplers. When assembled with the other specified components, the DAA2000 kit provides a fully featured optical DAA that meets or exceeds the appropriate telecommunications regulations. When assembled, the complete DAA function occupies less than 13cm² of PCB.

Kit comes complete with circuit diagram and data sheet

OPT592

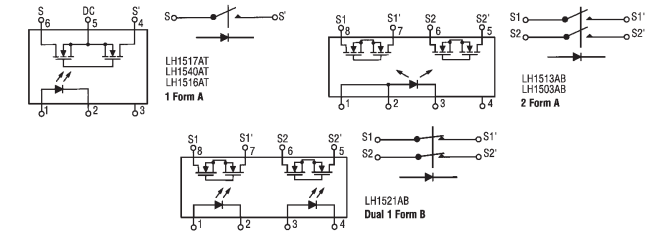
Mfrs. List No.	Order Code	1+	5+	10+
DAA2000 Kit	248-861			

Solid State Relays

Single and Dual, Form A & B



- Bounce free switching
- No arcing or noise
- No mounting restrictions
- Extremely high reliability
- Immune to shock
- Immune to environmental hazards such as dirt and humidity



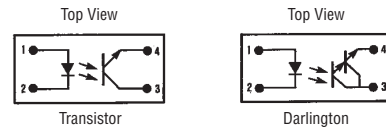
A range of optocouplers with high voltage MOSFET outputs that duplicate the function of electromechanical relays. Siemens Solid State Relays incorporate current limiting which will clamp the load current at a predetermined value preventing damage to the device from transients and load short circuits. The devices are capable of switching currents from nanoamps to hundreds of milliamps, making them ideal for a wide variety of switching applications.

Type	Max Load Current (mA) AC/DC	DC	Max Load Voltage (V)	Isolation Test Voltage (AC _{RMS})	Switching Time t _r t _f (ms)	Mfrs. List No.
Single Form A (NO)	400	800	150	3750	3.0	LH1517AT
Single Form A (NO)	120	250	350	5300	2.0	LH1540AT
Single Form A (NO)	200	450	400	3750	3.0	LH1516AT
Dual Form A (NO)	140	—	200	3750	2.5	LH1513AB
Dual Form A (NO)	110	—	350	3750	2.5	LH1503AB
Dual Form B (NC)	110	—	350	5300	3.0	LH1521AB

Mfrs. List No.	Order Code	1+	25+	100+	250+	500+
LH1517AT	882-008					
LH1540AT	882-010					
LH1516AT	882-021					
LH1513AB	882-045					
LH1503AB	882-057					
LH1521AB	882-069					

Slotted Opto Switches

Transistor/Darlington Output



Note: 491-354 has emitter connections reversed.

H	W	D	Gap width	Pin spacing	Order Code
11	12	6.35	3.1	7.2 2.5	H22A1, H22A4, H22B1
5.2	5	4	2	3.75 2.54	491-354
9.52	10.16	5.58	5.08	8.26 2.67	491-330
9.2	4.3	4	2	3.4 2.54	558-424
16.2	17.7	6	8	13.8 2.5	558-450
19.7	14	5	5	11.2 1.25	558-485
16.2	12.2	5	3	9.2 2.5	567-644

I _c mA @ I _f mA	Breakdown V _{(BR)CEO} min.	t _{on} μs	t _{off} μs	VCE(sat)	Mfrs. List No.	Order Code
Transistor Output						
1.0 20	30	8	50	0.4	QT	H22A1 327-130
1.0 20	55	8	50	0.4	QT	H22A4 327-141
0.25 10	30	50	50	0.4	Kodenshi	SG-211 491-354
1.0 5	30	40	20	0.4	Optek	OPB620 491-330
20 50	30	30	30	0.4	Omron	EE-SX1101 558-424
20 50	30	4	4	0.4	Omron	EE-SX1070 558-450
20 50	30	4	4	0.4	Omron	EE-SX1042 558-485
Darlington Output						
7.5 10	30	45	250	1.0	QT	H22B1 327-153
20 50	35	70	70	0.75	Omron	EE-SX298 567-644

Mfrs. List No.	Order Code	1+	25+	100+	250+	1K+
H22A1	327-130					
H22A4	327-141					
H22B1	327-153					
SG211	491-354					
OPB620	491-330					
EE-SX1101	558-424					
EE-SX1070	558-450					
EE-SX1042	558-485					
EE-SX298	567-644					

continued