

Digital Output Module				
Model Name	I-7042(D)	I-7043(D)	I-7045(D)	I-7045(D)-NPN
			M-7045(D)	M-7045(D)-NPN
Pictures				
Channel	13		16	
Contact	Open Collector		MOSFET	
Sink/Source (NPN/PNP)	Sink		Source	Sink
Load Voltage	+3.5 ~ 30 V _{DC}		+3.5 ~ 30 V _{DC}	+3.5 ~ 50 V _{DC}
Max. Load Current	100 mA/Channel		650 mA/Channel	700 mA/Channel
Overvoltage Protection	-		47 V _{DC}	60 V _{DC}
Overload Protection	-		1.4 A (with short-circuit protection)	
Power-on Value	Yes		Yes	
Safe Value	Yes		Yes	
System				
Dual Watchdog	Yes		Yes	
ESD (IEC 61000-4-2)	+/-2 kV	-	+/-4 kV	
EFT (IEC 61000-4-4)	+/-2 kV	-	+/-4 kV	
Surge (IEC 61000-4-5)	-	-	-	+/-3 kV
Intra-Module Isolation, Field-to-Logic	3750 V _{rms}	-	3750 V _{rms}	
Power Input	10 ~ 30 V _{DC}			
Power Consumption	1.0 W; 1.7 W for (D) version	.4 W; 1.1 W for (D) version0	0.6 W; 1.5 W for (D) version	0.4 W; 1.2 W for (D) version

Internal I/O Structure

