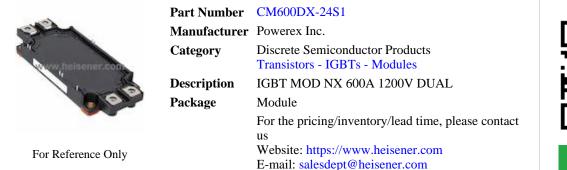


CM600DX-24S1

CM600DX-24S1 Information





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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



CM600DX-24S1 Specifications

Manufacturer Part NumberCM600DX-24S1ManufacturerPowerex Inc.CategoryDiscrete Semiconductor ProductsTransistors - IGBTs - ModulesTransistors - IGBTs - ModulesPackageModuleSeries-IGBT Type-ConfigurationHalf BridgeVoltage - Collector Emitter Breakdown (Max)200VCurrent - Collector (L) (Max)600APower - Max3330WVec(on) (Max) @ Vge, IcL45V @ 15V, 600AInput Capacitance (Cies) @ VceSonF @ 10VInput Capacitance (Cies) @ VceSonF @ 10VNTCT ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Muning Type-Package / CaseModuleSupplier Device PackageModuleManufacture (Sense)ModuleSupplier Device PackageModuleSupplier Device Package </th <th>-</th> <th></th>	-	
CategoryDiscrete Semiconductor ProductsCategoryDiscrete Semiconductor ProductsPackageModulePackageModuleSeries-IGBT Type-ConfigurationHalf BridgeVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (L) (Max)600APower - Max3330WVce(on) (Max) @ Vge, Ic2.45V @ 15V, 600ACurrent - Collector Cutoff (Max)ImAInput Capacitance (Cies) @ VceSonF @ 10VInput Capacitance (Cies) @ VceYesOperating Temperature40°C ~ 150°C (TJ)Mounting Type-Package / CaseModuleSupplier Device PackageModule	Manufacturer Part Number	CM600DX-24S1
InductionTransistors - IGBTs - ModulesPackageModuleSeries-IGBT Type-ConfigurationHalf BridgeVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (L) (Max)600APower - Max3330WVec(on) (Max) @ Vge, Ic2.45V @ 15V, 600ACurrent - Collector Cutoff (Max)ImAInput Capacitance (Cies) @ Vce50n F @ 10VInput ChremistorYesOperating Temperature40°C ~ 150°C (TJ)Mouting Type-Package / CaseModuleSupplier Device PackageModule	Manufacturer	Powerex Inc.
PackageModuleSeries-IGBT Type-IGBT Type-ConfigurationHalf BridgeVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (L) (Max)600APower - Max3330WVec(on) (Max) @ Vge, Ic2.45V @ 15V, 600ACurrent - Collector Cutoff (Max)1mAInput Capacitance (Cies) @ Vce50nF @ 10VInput Capacitance (Cies) @ VceStandardNTC ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Mouting Type-Package / CaseModuleSupplier Device PackageModule	Category	Discrete Semiconductor Products
Series-IGBT Type-ConfigurationHalf BridgeVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (L) (Max)600APower - Max3330WVec(on) (Max) @ Vge, Ic2.45V @ 15V, 600ACurrent - Collector Cutoff (Max)50nF @ 10VInput Capacitance (Cies) @ Vce50nF @ 10VInputStandardNTC ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Mounting Type-40°C ~ 150°C (TJ)Supplier Device PackageModule		Transistors - IGBTs - Modules
IGBT Type-ConfigurationHalf BridgeVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (L) (Max)600APower - Max3330WVec(on) (Max) @ Vge, Ic2.45V @ 15V, 600ACurrent - Collector Cutoff (Max)ImACurrent - Collector Que Cutoge50nF @ 10VInput Capacitance (Cies) @ VceStandardNTC ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Mouting Type-Package / CaseModuleSupplier Device PackageModule	Package	Module
ConfigurationHalf BridgeVoltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (Ic) (Max)600APower - Max3330WVce(on) (Max) @ Vge, Ic2.45V @ 15V, 600ACurrent - Collector Cutoff (Max)1mAInput Capacitance (Cies) @ Vce50nF @ 10VInput Capacitance (Cies) @ VceYesOperating Temperature-40°C ~ 150°C (TJ)Mounting Type-Package / CaseModuleSupplier Device PackageModule	Series	-
Voltage - Collector Emitter Breakdown (Max)1200VCurrent - Collector (Lc) (Max)600APower - Max3330WVce(on) (Max) @ Vge, Lc2.45V @ 15V, 600ACurrent - Collector Cutoff (Max)1mAInput Capacitance (Cies) @ Vce50nF @ 10VInput Capacitance (Cies) @ VceStandardNTC ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Mounting Type-Package / CaseModuleSupplier Device PackageModule	IGBT Type	-
Current - Collector (Ic) (Max)600APower - Max3330WVce(on) (Max) @ Vge, Ic2.45V @ 15V, 600ACurrent - Collector Cutoff (Max)ImACurrent - Collector Cutoff (Max)50nF @ 10VInput Capacitance (Cies) @ VceStandardNpt Capacitance (Cies) @ VceYesOperating Temperature-40°C ~ 150°C (TJ)Mounting Type-Package / CaseModuleSupplier Device PackageModule	Configuration	Half Bridge
Power - Max3330WVce(on) (Max) @ Vge, Ic2.45V @ 15V, 600ACurrent - Collector Cutoff (Max)ImAInput Capacitance (Cies) @ Vce50nF @ 10VInputStandardNTC ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Mounting Type-Package / CaseModuleSupplier Device PackageModule	Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic2.45V @ 15V, 600ACurrent - Collector Cutoff (Max)ImAInput Capacitance (Cies) @ Vce50nF @ 10VInputStandardNTC ThermistorStandardOperating Temperature-40°C ~ 150°C (TJ)Mounting Type-Package / CaseModuleSupplier Device PackageModule	Current - Collector (Ic) (Max)	600A
Current - Collector Cutoff (Max)ImAInput Capacitance (Cies) @ Vce50nF @ 10VInputStandardNTC ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Mounting Type-Package / CaseModuleSupplier Device PackageModule	Power - Max	3330W
Input Capacitance (Cies) @ Vce 50nF @ 10V Input Standard NTC Thermistor Yes Operating Temperature -40°C ~ 150°C (TJ) Nounting Type - Package / Case Module Supplier Device Package Module	Vce(on) (Max) @ Vge, Ic	2.45V @ 15V, 600A
InputStandardNTC ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Mounting Type-Package / CaseModuleSupplier Device PackageModule	Current - Collector Cutoff (Max)	1mA
InternationInternationNTC ThermistorYesOperating Temperature-40°C ~ 150°C (TJ)Mounting Type-Package / CaseModuleSupplier Device PackageModule	Input Capacitance (Cies) @ Vce	50nF @ 10V
Operating Temperature-40°C ~ 150°C (TJ)Mounting Type-Package / CaseModuleSupplier Device PackageModule	Input	Standard
Mounting Type-Package / CaseModuleSupplier Device PackageModule	NTC Thermistor	Yes
Package / CaseModuleSupplier Device PackageModule	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package Module	Mounting Type	-
	Package / Case	Module
Report errors	Supplier Device Package	Module
		Report errors?

CM600DX-24S1 Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

CM600DX-24S1 Payment Methods





If you have any question about CM600DX-24S1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com