Product data sheet Characteristics

70-784D14-1

Socket, SE Relays general purpose relay accessory, 4PDT, 16A, 300 V, 14 pins, screw clamping terminal, 784 series





Main

Main Product Range Legacy Product Type Socket Product Type Socket Product Compatibility relay 784XDX suppressor module 70-ASMM diode 70-ASMLG suppressor module 70-ASMR Number of Terminals 14 Switch Function 4PDT Contact Composition 4PDT Contact Composition 4NO + 4 NC Complementary 16 A Rated Current 16 A Ule] rated operational voltage 300 V Contact Composition Vuput screw clamp terminalssolid Output screw clamp terminalssolid Shape of Screw Head Combination roundhead Product Weight 2.19 oz (62 g) Width 1.97 in (50 mm) Depth 3.13 in (79.6 mm)	e Socket npatibility relay 784XDX suppressor module 70-ASMM diode 70-ASMLG suppressor module 70-ASMR rerminals 14 tion 4PDT nposition 4 NO + 4 NC entary 16 A operational voltage 300 V minal Arrangement Mixed orque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)			
Product RangeLegacyProduct TypeSocketProduct Compatibilityrelay 784XDX suppressor module 70-ASMM diode 70-ASMD signaling device 70-ASMLG suppressor module 70-ASMRNumber of Terminals14Switch Function4PDTContact Composition4 NO + 4 NCComplementary300 VContact Terminals300 VContact Terminals0utput screw clamp terminalssolid Output screw clamp terminalsstrandedFixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	e Socket npatibility relay 784XDX suppressor module 70-ASMM diode 70-ASMD signalling device 70-ASMLG suppressor module 70-ASMR ferminals 14 tion 4PDT nposition 4 NO + 4 NC entary 16 A operational voltage 300 V minal Arrangement Mixed orque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)			
Product RangeLegacyProduct TypeSocketProduct Compatibilityrelay 784XDX suppressor module 70-ASMM diode 70-ASMD signalling device 70-ASMLG suppressor module 70-ASMRNumber of Terminals14Switch Function4PDTContact Composition4 NO + 4 NCComplementary Rated Current16 AUlej rated operational voltage300 VContact Terminals0utput screw clamp terminalssolid Output screw clamp terminalssolid Output screw clamp terminalssolid Output screw clamp terminalssolid Output screw clamp terminalsstrandedFightening Torque0.9 N.mFixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	e Socket npatibility relay 784XDX suppressor module 70-ASMM diode 70-ASMD signalling device 70-ASMLG suppressor module 70-ASMR ferminals 14 tion 4PDT nposition 4 NO + 4 NC entary 16 A operational voltage 300 V minal Arrangement Mixed orque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)			
Product RangeLegacyProduct TypeSocketProduct Compatibilityrelay 784XDX suppressor module 70-ASMM diode 70-ASMD signaling device 70-ASMLG suppressor module 70-ASMRNumber of Terminals14Switch Function4PDTContact Composition4 NO + 4 NCComplementary300 VContact Terminals300 VContact Terminals0utput screw clamp terminalssolid Output screw clamp terminalsstrandedFixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	e Socket npatibility relay 784XDX suppressor module 70-ASMM diode 70-ASMD signalling device 70-ASMLG suppressor module 70-ASMR ferminals 14 tion 4PDT nposition 4 NO + 4 NC entary 16 A operational voltage 300 V minal Arrangement Mixed orque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)			
Product RangeLegacyProduct TypeSocketProduct Compatibilityrelay 784XDX suppressor module 70-ASMM diade 70-ASMD signaling device 70-ASMLG suppressor module 70-ASMRNumber of Terminals14Switch Function4PDTContact Composition4 NO + 4 NCComplementary6 ARated Current16 A(Ue] rated operational voltage300 VContact TerminalsOutput screw clamp terminalssolid Output screw clamp terminalssolid Output screw clamp terminalssolid Output screw clamp terminalsstrandedFixing Mode9 N.mFixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	e Socket npatibility relay 784XDX suppressor module 70-ASMM diode 70-ASMD signalling device 70-ASMLG suppressor module 70-ASMR ferminals 14 tion 4PDT nposition 4 NO + 4 NC entary 16 A operational voltage 300 V minal Arrangement Mixed orque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)			
Product Type Socket Product Compatibility relay 784XDX suppressor module 70-ASMM diode 70-ASMD signalling device 70-ASMLG suppressor module 70-ASMR Number of Terminals 14 Switch Function 4PDT Contact Composition 4 NO + 4 NC Complementary 300 V Rated Current 16 A [Ue] rated operational voltage 300 V Contact Terminal Arrangement Mixed Connections Terminals Output screw clamp terminalssolid Output screw clamp terminalsstranded Fixing Mode By sorew M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail Shape of Screw Head Combination roundhead Product Weight 2.19 oz (62 g) Witth 1.97 in (50 mm)	e Socket npatibility relay 784XDX suppressor module 70-ASMM diode 70-ASMD signalling device 70-ASMLG suppressor module 70-ASMR ferminals 14 tion 4PDT nposition 4 NO + 4 NC entary 16 A operational voltage 300 V minal Arrangement Mixed orque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)	Main		
Product Compatibilityrelay 784XDX suppressor module 70-ASMM diode 70-ASMD signaling device 70-ASMLG suppressor module 70-ASMRNumber of Terminals14Switch Function4PDTContact Composition4 NO + 4 NCComplementary16 ARated Current16 A[Ue] rated operational voltage300 VContact TerminalsUuput screw clamp terminalssolid Output screw clamp terminalssolid Output screw clamp terminalssrandedTightening Torque0.9 N.mFixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	npatibilityrelay 784XDX suppressor module 70-ASMM diode 70-ASMD signalling device 70-ASMLG suppressor module 70-ASMRrerminals14tion4PDTnposition4 NO + 4 NCentarynt16 Aoperational voltage300 Vminal ArrangementMixeds TerminalsOutput screw clamp terminalssolid Output screw clamp terminalsstrandedforque0.9 N.mgenerationBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railrew HeadCombination roundheadght2.19 oz (62 g) 1.97 in (50 mm)	Product Range	Legacy	
suppressor module 70-ASMM diode 70-ASMD signalling device 70-ASMLG suppressor module 70-ASMRNumber of Terminals14Switch Function4PDTContact Composition4 NO + 4 NCComplementary6 ARated Current16 A(Ue] rated operational voltage300 VContact Terminals0utput screw clamp terminalssolid Output screw clamp terminalssolid Output screw clamp terminalsstrandedTightening Torque0.9 N.mFixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	suppressor module 70-ASMM diode 70-ASMD signalling device 70-ASMLG suppressor module 70-ASMRferminals14tion4PDTnposition4 NO + 4 NCentarynt16 Aberational voltage300 Vminal ArrangementMixedtorque0.9 N.mBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railrew HeadCombination roundheadght2.19 oz (62 g)1.97 in (50 mm)	Product Type	Socket	
diode 70-ASMD signalling device 70-ASMLG suppressor module 70-ASMRNumber of Terminals14Switch Function4PDTContact Composition4 NO + 4 NCComplementaryRated Current16 A[Ue] rated operational voltage300 VContact TerminalsMixedConnections TerminalsOutput screw clamp terminalssolid Output screw clamp terminalsstrandedTightening Torque0.9 N.mFixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	diode 70-ASMD signalling device 70-ASMLG suppressor module 70-ASMR'erminals14tion4PDTnposition4 NO + 4 NCentarynt16 Aberational voltage300 Vminal ArrangementMixedTerminalsOutput screw clamp terminalssolid Output screw clamp terminalsstranded'orque0.9 N.mBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railrew HeadCombination roundheadght2.19 oz (62 g)1.97 in (50 mm)	Product Compatibility		
signalling device 70-ASMLG suppressor module 70-ASMRNumber of Terminals14Switch Function4PDTContact Composition4 NO + 4 NCComplementary16 ARated Current16 A[Ue] rated operational voltage300 VConnections TerminalsOutput screw clamp terminalssolid Output screw clamp terminalssrandedTightening Torque0.9 N.mFixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	signalling device 70-ASMLG suppressor module 70-ASMR rerminals 14 tion 4PDT nposition 4 N0 + 4 NC entary nt 16 A perational voltage 300 V minal Arrangement Mixed streminals Output screw clamp terminalssolid Output screw clamp terminalssolid orque 0.9 N.m strew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm) 1.97 in (50 mm)			
suppressor module 70-ASMR Number of Terminals 14 Switch Function 4PDT Contact Composition 4 NO + 4 NC Complementary V Rated Current 16 A [Ue] rated operational voltage 300 V Contact Terminal Arrangement Mixed Connections Terminals Output screw clamp terminalssolid Output screw clamp terminalsstranded Tightening Torque 0.9 N.m Fixing Mode By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail Shape of Screw Head Combination roundhead Product Weight 2.19 oz (62 g) Width 1.97 in (50 mm)	suppressor module 70-ASMR ferminals 14 tion 4PDT inposition 4 NO + 4 NC entary nt 16 A operational voltage 300 V minal Arrangement Mixed orque 0utput screw clamp terminalssolid Output screw clamp terminalssolid Output screw clamp terminalssolid orque 0.9 N.m Every Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm) 1.97 in (50 mm)			
Number of Terminals14Switch Function4PDTContact Composition4 NO + 4 NCComplementaryRated Current16 A[Ue] rated operational voltage300 VContact Terminal ArrangementMixedConnections TerminalsOutput screw clamp terminalssolid Output screw clamp terminalssolid 	reminals 14 tion 4PDT nposition 4 NO + 4 NC entary			
Switch Function4PDTContact Composition4 NO + 4 NCComplementaryRated Current16 A[Ue] rated operational voltage300 VContact Terminal ArrangementMixedConnections TerminalsOutput screw clamp terminalssolid Output screw clamp terminalsstrandedTightening Torque0.9 N.mFixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	tion 4PDT nposition 4 NO + 4 NC entary nt 16 A perational voltage 300 V minal Arrangement Mixed 5 Terminals Output screw clamp terminalssolid Output screw clamp terminalssolid Output screw clamp terminalsstranded 7 orque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)	Number of Terminele		
Contact Composition 4 NO + 4 NC Complementary Rated Current 16 A [Ue] rated operational voltage 300 V Contact Terminal Arrangement Mixed Connections Terminals Output screw clamp terminalssolid Output screw clamp terminalsstranded Tightening Torque 0.9 N.m Fixing Mode By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail Shape of Screw Head Combination roundhead Product Weight 2.19 oz (62 g) Width 1.97 in (50 mm)	nposition 4 NO + 4 NC entary			
Complementary Rated Current 16 A [Ue] rated operational voltage 300 V Contact Terminal Arrangement Mixed Connections Terminals Output screw clamp terminalssolid Output screw clamp terminalsstranded Tightening Torque 0.9 N.m Fixing Mode By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail Shape of Screw Head Combination roundhead Product Weight 2.19 oz (62 g) Width 1.97 in (50 mm)	entary nt 16 A berational voltage 300 V minal Arrangement Mixed b Terminals Output screw clamp terminalssolid Output screw clamp terminalsstranded forque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)			
Rated Current16 A[Ue] rated operational voltage300 VContact Terminal ArrangementMixedConnections TerminalsOutput screw clamp terminalssolid Output screw clamp terminalsstrandedTightening Torque0.9 N.mFixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	nt 16 A berational voltage 300 V minal Arrangement Mixed 5 Terminals Output screw clamp terminalssolid Output screw clamp terminalsstranded forque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)	Contact Composition	4 NO + 4 NC	
Rated Current16 A[Ue] rated operational voltage300 VContact Terminal ArrangementMixedConnections TerminalsOutput screw clamp terminalssolid Output screw clamp terminalsstrandedTightening Torque0.9 N.mFixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	nt 16 A berational voltage 300 V minal Arrangement Mixed 5 Terminals Output screw clamp terminalssolid Output screw clamp terminalsstranded Forque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)			
Rated Current16 A[Ue] rated operational voltage300 VContact Terminal ArrangementMixedConnections TerminalsOutput screw clamp terminalssolid Output screw clamp terminalsstrandedTightening Torque0.9 N.mFixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	nt 16 A berational voltage 300 V minal Arrangement Mixed 5 Terminals Output screw clamp terminalssolid Output screw clamp terminalsstranded Forque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)	Complementary		
[Ue] rated operational voltage 300 V Contact Terminal Arrangement Mixed Connections Terminals Output screw clamp terminalssolid Output screw clamp terminalsstranded Tightening Torque 0.9 N.m Fixing Mode By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail Shape of Screw Head Combination roundhead Product Weight 2.19 oz (62 g) Width 1.97 in (50 mm)	berational voltage 300 V minal Arrangement Mixed a Terminals Output screw clamp terminalssolid Output screw clamp terminalsstranded forque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)		16 A	
Contact Terminal Arrangement Mixed Connections Terminals Output screw clamp terminalssolid Output screw clamp terminalsstranded Tightening Torque 0.9 N.m Fixing Mode By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail Shape of Screw Head Combination roundhead Product Weight 2.19 oz (62 g) Width 1.97 in (50 mm)	minal Arrangement Mixed a Terminals Output screw clamp terminalssolid Output screw clamp terminalsstranded orque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)			
Connections TerminalsOutput screw clamp terminalssolid Output screw clamp terminalssolid Output screw clamp terminalsstrandedTightening Torque0.9 N.mFixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	a Terminals Output screw clamp terminalssolid Output screw clamp terminalsstranded orque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)			
Output screw clamp terminalsstranded Tightening Torque 0.9 N.m Fixing Mode By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail Shape of Screw Head Combination roundhead Product Weight 2.19 oz (62 g) Width 1.97 in (50 mm)	Output screw clamp terminalsstranded forque 0.9 N.m By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)			
Fixing ModeBy screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN railShape of Screw HeadCombination roundheadProduct Weight2.19 oz (62 g)Width1.97 in (50 mm)	By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)	Connections reminals		
Clip-on 35 x 15 mm symmetrical DIN rail Shape of Screw Head Product Weight 2.19 oz (62 g) Width 1.97 in (50 mm)	Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)	Tightening Torque	0.9 N.m	
Clip-on 35 x 15 mm symmetrical DIN rail Shape of Screw Head Product Weight 2.19 oz (62 g) Width 1.97 in (50 mm)	Clip-on 35 x 15 mm symmetrical DIN rail rew Head Combination roundhead ght 2.19 oz (62 g) 1.97 in (50 mm)	Fixing Mode	By screw M3.5, M3.5 panel	
Product Weight 2.19 oz (62 g) Width 1.97 in (50 mm)	ght 2.19 oz (62 g) 1.97 in (50 mm)		Clip-on 35 x 15 mm symmetrical DIN rail	
Width 1.97 in (50 mm)	1.97 in (50 mm)	Shape of Screw Head	Combination roundhead	
		Product Weight	2.19 oz (62 g)	
Depth 3.13 in (79.6 mm)	3.13 in (79.6 mm)	Width	1.97 in (50 mm)	
		Depth	3.13 in (79.6 mm)	

Complementary

Rated Current	16 A	
[Ue] rated operational voltage	300 V	
Contact Terminal Arrangement	Mixed	
Connections Terminals	Output screw clamp terminalssolid Output screw clamp terminalsstranded	
Tightening Torque	0.9 N.m	
Fixing Mode	By screw M3.5, M3.5 panel Clip-on 35 x 15 mm symmetrical DIN rail	
Shape of Screw Head	Combination roundhead	
Product Weight	2.19 oz (62 g)	
Width	1.97 in (50 mm)	
Depth	3.13 in (79.6 mm)	



Environment

Ambient Air Temperature for Storage	-40221 °F (-40105 °C)
Ambient Air Temperature for Operation	-40131 °F (-4055 °C)
IP Degree of Protection	IP20
Flame Retardance	UL94-V0
Product Certifications	UL CSA CE

Ordering and shipping details	
GTIN	03606480278181

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Product data sheet

70-784D14-1

Dimensions Drawings

Approximate Dimensions

