



Main

Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSM3
Number of channels	3
Phase	3 phases

Complementary

Mounting support	Symmetrical DIN rail
Output voltage	48...600 V AC
[Uc] control circuit voltage	4...32 V DC
Contacts type and composition	3 NO
Tightening torque	Input : 0.6...0.7 N.m Output : 1.36...1.7 N.m
Connections - terminals	Screw terminals : 0.2...1.3 mm ² , (AWG 24...AWG 16) input Screw terminals : 1.3...5.3 mm ² , (AWG 16...AWG 10) output
Capacitance unbalance	<= 8 pF input/output
Insulation resistance	1000 MOhm
Local signalling	LED green input status
Switching voltage	4 V DC turn-on 1 V DC turn-off
Input current limits	22...28 mA
Solid state output type	Zero voltage switching
Load current	0.1...25 A
Absolute maximum voltage	1100 V
Surge current	<= 286 A for 20 ms at 50 Hz <= 300 A for 16.6 ms at 60 Hz
Voltage drop	1.35 V on-state
Motor power hp	1 hp at 104 °F (40 °C) 240 V AC 3 hp at 104 °F (40 °C) 480 V AC 2 hp at 40 °C 380 V AC
Maximum I ² t for fusing	410 A ² .s 10 ms at 50 Hz half cycle

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

	374 A ² .s for 8.3 ms at 60 Hz half cycle
Leakage current	<= 0.25 mA off-state
DV/Dt	500 V/μs off-state at maximum voltage
Response time	0.5 cycle turn-on 0.5 cycle turn-off
Cos phi	0.5 with maximum load
Overvoltage category	III
Product weight	1.63 lb(US) (0.74 kg)
Device presentation	Complete product

Environment

Dielectric strength	4 kV AC input/output 4 kV AC input or output to case
Pollution degree	2
Standards	IEC 60950-1 UL 508 CSA C22.2 No 14
Product certifications	EAC CSA UL
Marking	EAC UL CSA CE
IP degree of protection	IP20
Ambient air temperature for operation	-4...176 °F (-20...80 °C)
Ambient air temperature for storage	-40...212 °F (-40...100 °C)

Ordering and shipping details

Category	22375 - INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
GTIN	00785901447733
Nbr. of units in pkg.	1
Package weight(Lbs)	1.76
Returnability	Y
Country of origin	MX

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1522 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available