

Features

- Eliminates bracketry for all NAMUR type actuators.
- Modular design for ease of field service.
- Set switches on-line without opening the electrical enclosure.
- Enclosures are internally and externally coated for corrosion resistance.
- Realview™ indicator with 100% color change visible from long distances.
- Environmentally sealed magnets.

Construction

	NR1	NR2
Area Classifications	Types 4, 4X, 7 & 9 Division 1 Class 1, Groups C&D Class II, Groups E, F, & G Groups A & B, Division 2	Types 4, 4X Division 2 - Class 1 Groups A, B, C&D Class II, Groups F & G Nonincendive - T6 rating
Enclosure of Box	Low Copper Aluminum	
Box Coating	Black Polyester	Lt. Grey Impreglon 309™
Indicator Cover	Polycarbonate	
Screws	Stainless Steel	
Seals	NBR (Buna-N)	
Cam Rings	PBT (Polybutylene)	
Magnet Pack	Ryton™ (Polyphenylene Sulfide)	
Magnets	Nickel Plated Neodymium	
Impreglon 309 - Impreglon Inc. Trademark Ryton - Chevron-Phillips Chemical Co. Trademark.		

Ambient Temperatures

- 20°F to 170°F (T6)
- 20°F to 180°F (T5)
- 4°F to 140°F with bus card

Electrical

Tungsten Switch Pack

- Epoxy Filled
- Hermetically sealed
- Housing: ABS
- SPDT Form C
- Operating Time: 3.0ms
- Initial Contact Resistance: 0.5ohms
- Electrical Rating: 3Amps/120VAC
2Amps/24VDC
- 6 extra terminal points for accessories

Rhodium Switch Pack

- Epoxy Filled
- Hermetically sealed
- Housing: ABS
- SPDT Form C
- Operating Time: 3.0ms
- Initial Contact Resistance: 0.1ohms
- Electrical Rating: 1Amp/24VAC



Optional Features

- Low power pilot valve mounted to enclosure
- Attachable Network Junction Box
- **AS**^o_{IMPREG}, **DeviceNet**[™] communication cards
- Up to 3 conduit entries in 3/4" or 20mm
- Alternate indicator color and path options

Specifications

SERIES	SHAFT	CONDUIT	INDICATOR	CHG LTR	SWITCHES	# SW	NETWORK COMMUNICATIONS	CHG LTR
NR1 = Type 7 & 9 Div. 1 NR2 = Div. 2	A = Direct Mount	2 = (2) 3/4" NPT F 4 = (3) 3/4" NPT F 7 = (2) M20x1.5 F 8 = (3) M20x1.5 F	Y = Yellow/Black D = Green/Red R = Red/White G = Green/White B = Blue/White W = Red/Green T = 3Way U = 3Way Divert S = 4Way Path	A	T = Viper SPDT Tungsten 3A R = Viper SPDT Rhodium 1A G = Viper SPDT Rhodium (IS) W = Network/Bus Comm. Card	0 2 4	NG = None AJ = ASI 2x1, v2.1, 31s STD ADDR AL = ASI 2x1, v2.1, 62s EXT ADDR AK = ASI 4x2, v2.1, 31s STD ADDR AM = ASI 4x2, v2.1, 62s EXT ADDR DC = DNET 2x1 DE = DNET 2x1 Diagnostics DD = DNET 6x2 (M1), 2 out, single acting DH = DNET 6x2 (M2), 1 out, double acting DF = DNET 6x2 DIAG (M1), 2 out, single acting DI = DNET 6x2 DIAG (M2), 1 out, double acting	A

NR1 A 2 Y A T 2 NG A

Ordering Number Example: NR1A2YAT2NGA

Dimensions Inches (mm)

